



The Bank of Nova Scotia
\$377,000 Trigger Index-Linked Notes

Linked to the Russell 2000® Index Due January 31, 2024

The notes do not bear interest. The amount that you will be paid on your notes at maturity (January 31, 2024) is based on the performance of the Russell 2000® Index (the reference asset) as measured from the trade date (January 24, 2020) to and including the valuation date (January 24, 2024).

If the final level on the valuation date is greater than the initial level of 1,662.232, the return on your notes will be positive and will equal 125% *times* the percentage change, which is the percentage increase or decrease in the final level from the initial level, subject to the maximum upside payment amount of \$1,520.00 for each \$1,000 principal amount of your notes.

If the percentage change is zero or negative and the final level is *equal to* or *greater than* 80.00% of the initial level, the return on your notes will equal the absolute value of the percentage change (e.g., if the percentage change is -10.00%, your return will be +10.00%).

If the percentage change is negative and the final level is *less than* 80.00% of the initial level, the return on your notes will be negative and you may lose your entire principal amount. Specifically, you will lose 1% for every 1% negative percentage change below the initial level. You may lose up to 100% of the principal amount of your notes. Any payment on your notes is subject to the creditworthiness of The Bank of Nova Scotia.

At maturity, for each \$1,000 principal amount of your notes, you will receive an amount in cash equal to:

- if the percentage change is *positive* (the final level is *greater than* the initial level), the *sum* of (i) \$1,000 *plus* (ii) the *product* of (a) \$1,000 *times* (b) the percentage change *times* (c) 125%, subject to the maximum upside payment amount;
- if the percentage change is *zero* or *negative* (the final level is *equal to* or *less than* the initial level) and the final level is *equal to* or *greater than* 80.00% of the initial level, the *sum* of (i) \$1,000 *plus* (ii) the *product* of (a) \$1,000 *times* (b) the absolute value of the percentage change; or
- if the percentage change is *negative* (the final level is *less than* the initial level) and the final level is *less than* 80.00% of the initial level, the *sum* of (i) \$1,000 *plus* (ii) the *product* of (a) \$1,000 *times* (b) the percentage change. **You may lose your entire principal amount. Any payment on the notes is subject to the creditworthiness of The Bank of Nova Scotia.**

Following the determination of the initial level, the amount you will be paid on your notes at maturity will not be affected by the closing level of the reference asset on any day other than the valuation date. **In addition, no payments on your notes will be made prior to maturity.**

Investment in the notes involves certain risks. You should refer to “Additional Risks” beginning on page P-15 of this pricing supplement and “Additional Risk Factors Specific to the Notes” beginning on page PS-6 of the accompanying product prospectus supplement and “Risk Factors” beginning on page S-2 of the accompanying prospectus supplement and on page 5 of the accompanying prospectus.

The initial estimated value of your notes at the time the terms of your notes were set on the trade date was \$975.26 per \$1,000 principal amount, which is less than the original issue price of your notes listed below. See “Additional Information Regarding Estimated Value of the Notes” on the following page and “Additional Risks” beginning on page P-15 of this document for additional information. The actual value of your notes at any time will reflect many factors and cannot be predicted with accuracy.

	Per Note	Total
Original Issue Price	100.00%	\$377,000.00
Underwriting commissions ¹	0.00%	\$0.00
Proceeds to The Bank of Nova Scotia ¹	100.00%	\$377,000.00

¹ Goldman Sachs & Co. LLC (“GS&Co.”) has agreed to pay a structuring fee of 0.40% and a marketing fee of 0.40%, in each case, of the principal amount. See “Supplemental Plan of Distribution (Conflicts of Interest)” on page P-31 of this pricing supplement for additional information.

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

The notes are not insured by the Canada Deposit Insurance Corporation (the “CDIC”) pursuant to the Canada Deposit Insurance Corporation Act (the “CDIC Act”) or the U.S. federal deposit insurance corporation or any other government agency of Canada, the United States or any other jurisdiction.

Scotia Capital (USA) Inc.

Goldman Sachs & Co. LLC
Dealer

Pricing Supplement dated January 24, 2020

The Trigger Index-Linked Notes Linked to the Russell 2000® Index Due January 31, 2024 (the “notes”) offered hereunder are unsubordinated and unsecured obligations of The Bank of Nova Scotia (the “Bank”) and are subject to investment risks including possible loss of the principal amount invested due to the negative performance of the reference asset and the credit risk of The Bank of Nova Scotia. As used in this pricing supplement, the “Bank,” “we,” “us” or “our” refers to The Bank of Nova Scotia. The notes will not be listed on any U.S. securities exchange or automated quotation system.

The return on your notes will relate to the price return of the reference asset and will not include a total return or dividend component. The notes are derivative products based on the performance of the reference asset. The notes do not constitute a direct investment in any of the shares, units or other securities represented by the reference asset. By acquiring the notes, you will not have a direct economic or other interest in, claim or entitlement to, or any legal or beneficial ownership of any such share, unit or security and will not have any rights as a shareholder, unitholder or other security holder of any of the issuers including, without limitation, any voting rights or rights to receive dividends or other distributions.

Scotia Capital (USA) Inc. (“SCUSA”), our affiliate, has agreed to purchase the notes from us for distribution to other registered broker dealers or has offered the notes directly to investors. SCUSA or any of its affiliates or agents may use this pricing supplement in market-making transactions in notes after their initial sale. Unless we, SCUSA or another of our affiliates or agents selling such notes to you informs you otherwise in the confirmation of sale, this pricing supplement is being used in a market-making transaction. See “Supplemental Plan of Distribution (Conflicts of Interest)” in this pricing supplement and “Supplemental Plan of Distribution (Conflicts of Interest)” on page PS-36 of the accompanying product prospectus supplement.

The original issue price, commissions and proceeds to the Bank listed above relate to the notes we issue initially. We may decide to sell additional notes after the date of this pricing supplement, at original issue prices and with commissions and proceeds to the Bank that differ from the amounts set forth above. The return (whether positive or negative) on your investment in the notes will depend in part on the original issue price you pay for such notes.

Additional Information Regarding Estimated Value of the Notes

On the cover page of this pricing supplement, the Bank has provided the initial estimated value for the notes. This initial estimated value was determined by reference to the Bank’s internal pricing models, which take into consideration certain factors, such as the Bank’s internal funding rate on the trade date and the Bank’s assumptions about market parameters. For more information about the initial estimated value, see “Additional Risks” beginning on page P-15.

The economic terms of the notes (including the maximum upside payment amount) are based on the Bank’s internal funding rate, which is the rate the Bank would pay to borrow funds through the issuance of similar market-linked notes, the structuring fee, the marketing fee, other costs associated with selling and structuring the notes and the economic terms of certain related hedging arrangements. Due to these factors, the original issue price you pay to purchase the notes is greater than the initial estimated value of the notes. The Bank’s internal funding rate is typically lower than the rate the Bank would pay when it issues conventional fixed rate debt securities as discussed further under “Additional Risks — Neither the Bank’s nor GS&Co.’s estimated value of the notes at any time is determined by reference to credit spreads or the borrowing rate the Bank would pay for its conventional fixed-rate debt securities”. The Bank’s use of its internal funding rate reduces the economic terms of the notes to you.

The value of your notes at any time will reflect many factors and cannot be predicted; however, the price (not including GS&Co.’s customary bid and ask spreads) at which GS&Co. would initially buy or sell notes in the secondary market (if GS&Co. makes a market, which it is not obligated to do) and the value that GS&Co. will initially use for account statements and otherwise is equal to approximately GS&Co.’s estimate of the market value of your notes on the trade date, based on its pricing models and taking into account the Bank’s internal funding rate, plus an additional amount (initially equal to \$21.50 per \$1,000 principal amount).

Prior to January 25, 2021, the price (not including GS&Co.’s customary bid and ask spreads) at which GS&Co. would buy or sell your notes (if it makes a market, which it is not obligated to do) will equal approximately the sum of (a) the then-current estimated value of your notes (as determined by reference to GS&Co.’s pricing models) plus (b) any remaining additional amount (the additional amount will decline to zero on a straight-line basis from the time of pricing through January 24, 2021). On and after January 25, 2021, the price (not including GS&Co.’s customary bid and ask spreads) at which GS&Co. would buy or sell your notes (if it makes a market) will equal approximately the then-current estimated value of your notes determined by reference to such pricing models. For additional information regarding the value of your notes shown in your GS&Co. account statements and the price at which GS&Co. would buy or sell your notes (if GS&Co. makes a market, which it is not obligated to do), each based on GS&Co.’s pricing models; see “Additional Risks — The price at which GS&Co. would buy or sell your notes (if GS&Co. makes a market, which it is not obligated to do) will be based on GS&Co.’s estimated value of your notes”.

We urge you to read the “Additional Risks” beginning on page P-15 of this pricing supplement.



Summary

The information in this “Summary” section is qualified by the more detailed information set forth in this pricing supplement, the accompanying prospectus, accompanying prospectus supplement, and accompanying product prospectus supplement, each filed with the Securities and Exchange Commission (“SEC”). See “Additional Terms of Your Notes” in this pricing supplement.

Issuer:	The Bank of Nova Scotia (the “Bank”)
Issue:	Senior Note Program, Series A
CUSIP/ISIN:	CUSIP 064159RZ1 / ISIN US064159RZ13
Type of Notes:	Trigger Index-Linked Notes
Reference Asset:	The Russell 2000® Index (Bloomberg Ticker: RTY)
Minimum Investment and Denominations:	\$1,000 and integral multiples of \$1,000 in excess thereof
Principal Amount:	\$1,000 per note; \$377,000 in the aggregate for all the offered notes; the aggregate principal amount of the offered notes may be increased if the Bank, at its sole option, decides to sell an additional amount of the offered notes on a date subsequent to the date of this pricing supplement.
Original Issue Price:	100% of the principal amount of each note
Currency:	U.S. dollars
Trade Date:	January 24, 2020
Original Issue Date:	January 31, 2020.
	Delivery of the notes will be made against payment therefor on the 5th business day following the date of pricing of the notes (this settlement cycle being referred to as “T+5”). Under Rule 15c6-1 of the Securities Exchange Act of 1934, as amended, trades in the secondary market generally are required to settle in two business days (“T+2”), unless the parties to any such trade expressly agree otherwise. Accordingly, purchasers who wish to trade the notes on or prior to the second business day before delivery of the notes will be required, by virtue of the fact that each note initially will settle in five business days (T+5), to specify alternative settlement arrangements to prevent a failed settlement.
Valuation Date:	January 24, 2024
	The valuation date could be delayed by the occurrence of a market disruption event. See “General Terms of the Notes—Market Disruption Events” beginning on page PS-20 in the accompanying product prospectus supplement. Further, if the valuation date is not a trading day, the valuation date will be postponed in the same manner as if a market disruption event has occurred.



Maturity Date:	January 31, 2024, subject to adjustment due to a market disruption event, a non-trading day or a non-business day as described in more detail under “General Terms of the Notes—Maturity Date” on page PS-18 in the accompanying product prospectus supplement.
Principal at Risk:	You may lose all or a substantial portion of your initial investment at maturity if there is a percentage decrease from the initial level to the final level of more than 20.00%.
Purchase at amount other than principal amount:	The amount we will pay you on the maturity date for your notes will not be adjusted based on the original issue price you pay for your notes, so if you acquire notes at a premium (or discount) to the principal amount and hold them to the maturity date, it could affect your investment in a number of ways. The return on your investment in such notes will be lower (or higher) than it would have been had you purchased the notes at the principal amount. Also, the stated trigger level would not offer the same measure of protection to your investment as would be the case if you had purchased the notes at the principal amount. Additionally, the maximum upside payment amount and the limit on the absolute percentage change implied by the trigger level would be triggered at a lower (or higher) percentage return than indicated below, relative to your initial investment. See “Additional Risks—If you purchase your notes at a premium to the principal amount, the return on your investment will be lower than the return on notes purchased at the principal amount and the impact of certain key terms of the notes will be negatively affected” on page P-20 of this pricing supplement.
Fees and Expenses:	<p>As part of the distribution of the notes, SCUSA or one of our other affiliates has agreed to sell the notes to GS&Co. at the original issue price set forth on the cover of this pricing supplement. GS&Co. initially offered the notes to the public and to certain securities dealers at the original issue price set forth on the cover of this pricing supplement. GS&Co. has agreed to pay each such securities dealer a structuring fee of 0.40% of the principal amount. GS&Co. has engaged Incapital LLC to provide certain marketing services from time to time relating to notes of this type, including the notes, and has agreed to pay Incapital LLC a fee of 0.40% of the principal amount in connection with such service.</p> <p>At the time we issue the notes, we will enter into certain hedging arrangements (which may include call options, put options or other derivatives) with GS&Co. or one of its affiliates.</p> <p>A fee will also be paid to SIMON Markets LLC, a broker-dealer affiliated with GS&Co., in connection with the distribution of the notes.</p> <p>See “Supplemental Plan of Distribution (Conflicts of Interest)” in this pricing supplement.</p> <p>The price at which you purchase the notes includes costs that the Bank, GS&Co. or our or their respective affiliates expect to incur and profits that the Bank, GS&Co. or our or their respective affiliates expect to realize in connection with hedging activities related to the notes, as set forth above. These costs and profits will likely reduce the secondary market price, if any secondary market develops, for the notes. As a result, you may experience an immediate and substantial decline in the market value of your notes on the original issue date. See “Additional Risks—Hedging activities by the Bank and GS&Co. may negatively impact investors in the notes and cause our respective interests and those of our clients and counterparties to be contrary to those of investors in the notes” and “—The structuring fee, marketing fee and other expenses result in less favorable economic terms of the notes and could adversely affect any secondary market price for the notes” in this pricing supplement.</p>



Payment at Maturity:

The payment at maturity, for each \$1,000 principal amount of notes, will be based on the performance of the reference asset and will be calculated as follows:

- If the final level is *greater than* the initial level, then the payment at maturity will equal:
 - The lesser of (a) principal amount + (principal amount x percentage change x upside participation rate) and (b) maximum upside payment amount
- If the final level is *equal to* or *less than* the initial level but *greater than* or *equal to* the trigger level, then the payment at maturity will equal:
 - principal amount + (principal amount x absolute percentage change)

In this case, due to the trigger level of 80.00% of the initial level, you will benefit from the absolute percentage change only by up to 20.00% and the payment at maturity will be limited to \$1,200.00.

- If the final level is *less than* the trigger level, then the payment at maturity will equal:
 - principal amount + (principal amount x percentage change)

In this case you will suffer a percentage loss on your initial investment equal to the negative percentage change. Accordingly, you could lose up to 100% of your initial investment.

Closing Level:

As used herein, the “closing level” of the reference asset on any date will be determined based upon the closing level published on the Bloomberg Professional® service (“Bloomberg”) page “RTY <Index>” or any successor page on Bloomberg or any successor service, as applicable, on such date. Currently, whereas the sponsor publishes the official closing level of the reference asset to six decimal places, Bloomberg reports the closing level to fewer decimal places. As a result, the closing level of the reference asset reported by Bloomberg may be lower or higher than the official closing level of the reference asset published by the sponsor.

Initial Level:

1,662.232, which was the closing level of the reference asset on the trade date.

Final Level:

The closing level of the reference asset on the valuation date. In certain special circumstances, the final level will be determined by the calculation agent, in its discretion. See “General Terms of the Notes—Unavailability of the Level of the Reference Asset on a Valuation Date” beginning on page PS-19 and “General Terms of the Notes—Market Disruption Events” beginning on page PS-20 in the accompanying product prospectus supplement.

Percentage Change:

The percentage change, expressed as a percentage, with respect to the payment at maturity, is calculated as follows:

$$\frac{\text{final level} - \text{initial level}}{\text{initial level}}$$

For the avoidance of doubt, the percentage change may be a negative value.



Absolute Percentage Change:	The absolute value of the percentage change, expressed as a percentage (e.g., a -10% percentage change will equal a +10% absolute percentage change). The ability to participate in the absolute percentage change is capped due to the trigger level.
Upside Participation Rate:	125.00%
Trigger Level:	80.00% of the initial level
Maximum Upside Payment Amount:	\$1,520.00 for each \$1,000 principal amount of your notes, which equals the principal amount <i>times</i> 152.00%. The maximum upside payment amount sets a cap on appreciation of the reference asset of 41.60%.
Form of Notes:	Book-entry
Calculation Agent:	Scotia Capital Inc., an affiliate of the Bank
Status:	The notes will constitute direct, unsubordinated and unsecured obligations of the Bank ranking <i>pari passu</i> with all other direct, unsecured and unsubordinated indebtedness of the Bank from time to time outstanding (except as otherwise prescribed by law). Holders will not have the benefit of any insurance under the provisions of the CDIC Act, the U.S. Federal Deposit Insurance Act or under any other deposit insurance regime of any jurisdiction.
Tax Redemption:	The Bank (or its successor) may redeem the notes, in whole but not in part, at a redemption price determined by the calculation agent in a manner reasonably calculated to preserve your and our relative economic position, if it is determined that changes in tax laws or their interpretation will result in the Bank (or its successor) becoming obligated to pay additional amounts with respect to the notes. See "Tax Redemption" in the accompanying product prospectus supplement.
Listing:	The notes will not be listed on any securities exchange or quotation system.
Use of Proceeds:	General corporate purposes
Clearance and Settlement:	Depository Trust Company
Trading Day:	A day on which the respective principal securities markets for all of the stocks comprising the reference asset (the "reference asset constituent stocks") are scheduled to be open for trading, the sponsor of the reference asset (the "sponsor") is scheduled to be open for business and the reference asset is expected to be calculated and published by the sponsor.
Business Day:	New York and Toronto
Terms Incorporated:	All of the terms appearing above the item under the caption "General Terms of the Notes" beginning on page PS-15 in the accompanying product prospectus supplement, as modified by this pricing supplement.

Canadian Bail-in: The notes are not bail-inable debt securities under the CDIC Act.

INVESTING IN THE NOTES INVOLVES SIGNIFICANT RISKS. YOU MAY LOSE ALL OR A SUBSTANTIAL PORTION OF YOUR INVESTMENT. ANY PAYMENT ON THE NOTES, INCLUDING ANY REPAYMENT OF PRINCIPAL, IS SUBJECT TO THE CREDITWORTHINESS OF THE BANK. IF THE BANK WERE TO DEFAULT ON ITS PAYMENT OBLIGATIONS YOU MAY NOT RECEIVE ANY AMOUNTS OWED TO YOU UNDER THE NOTES AND YOU COULD LOSE YOUR ENTIRE INVESTMENT.



ADDITIONAL TERMS OF YOUR NOTES

You should read this pricing supplement together with the prospectus dated December 26, 2018, as supplemented by the prospectus supplement dated December 26, 2018 and the product prospectus supplement (Equity Linked Index Notes, Series A) dated December 26, 2018, relating to our Senior Note Program, Series A, of which these notes are a part. Capitalized terms used but not defined in this pricing supplement will have the meanings given to them in the product prospectus supplement. In the event of any conflict between this pricing supplement and any of the foregoing, the following hierarchy will govern: first, this pricing supplement; second, the accompanying product prospectus supplement; third, the prospectus supplement; and last, the prospectus. ***The notes may vary from the terms described in the accompanying prospectus, accompanying prospectus supplement and accompanying product prospectus supplement in several important ways. You should read this pricing supplement carefully, including the documents incorporated by reference herein.***

This pricing supplement, together with the documents listed below, contains the terms of the notes and supersedes all prior or contemporaneous oral statements as well as any other written materials including preliminary or indicative pricing terms, correspondence, trade ideas, structures for implementation, sample structures, brochures or other educational materials of ours. You should carefully consider, among other things, the matters set forth in “Additional Risk Factors Specific to the Notes” in the accompanying product prospectus supplement, as the notes involve risks not associated with conventional debt securities. We urge you to consult your investment, legal, tax, accounting and other advisors before you invest in the notes. You may access these documents on the SEC website at www.sec.gov as follows (or if that address has changed, by reviewing our filings for the relevant date on the SEC website).

Product Prospectus Supplement (Equity Linked Index Notes, Series A) dated December 26, 2018:

<http://www.sec.gov/Archives/edgar/data/9631/000091412118002483/bn50682441-424b2.htm>

Prospectus Supplement dated December 26, 2018:

<http://www.sec.gov/Archives/edgar/data/9631/000091412118002473/bn50676984-424b3.htm>

Prospectus dated December 26, 2018:

<http://www.sec.gov/Archives/edgar/data/9631/000119312518357537/d677731d424b3.htm>

INVESTOR SUITABILITY

The notes may be suitable for you if:

- You fully understand and accept the risks inherent in an investment in the notes, including the risk of losing all or a substantial portion of your initial investment.
- You are willing to make an investment that, if the final level of the reference asset is less than the trigger level, has the same downside market risk as that of a hypothetical investment in the reference asset or in the reference asset constituent stocks.
- You believe that (a) the level of the reference asset will appreciate over the term of the notes and that the appreciation is unlikely to exceed the cap on appreciation within the maximum upside payment amount, or (b) the level of the reference asset will decline over the term of the notes but not by more than 20.00%.
- You are willing to hold the notes to maturity, a term of approximately 48 months, and accept that there may be little or no secondary market for the notes.
- You understand and accept that your ability to participate in any positive percentage change in the level of the reference asset is limited by the maximum upside payment amount and you are willing to invest in the notes based on the maximum upside payment of \$1,520.00.
- You understand and accept that, while the notes provide an opportunity for you to earn a positive return if the reference asset performs negatively, such opportunity is limited only to declines in the reference asset from the initial level to a final level that is not less than the trigger level.
- You seek an investment with exposure to U.S. small capitalization companies.
- You can tolerate fluctuations in the price of the notes prior to maturity that may be similar to or exceed the downside fluctuations in the level of the reference asset or in the price of its reference asset constituent stocks.
- You do not seek current income from your investment.
- You are willing to assume the credit risk of the Bank for all payments under the notes, and understand that if the Bank defaults on its obligations you may not receive any amounts due to you including any repayment of principal.

The notes may not be suitable for you if:

- You do not fully understand or are unwilling or unable to accept the risks inherent in an investment in the notes, including the risk of losing all or a substantial portion of your initial investment.
- You are not willing to make an investment that, if the final level of the reference asset is less than the trigger level, has the same downside market risk as that of a hypothetical investment in the reference asset or in the reference asset constituent stocks.
- You believe that (a) the level of the reference asset will decline during the term of the notes such that the final level will be less than the trigger level, or (b) the level of the reference asset will appreciate over the term of the notes and that the appreciation is likely to equal or exceed the cap on appreciation within the maximum upside payment amount.
- You seek an investment that has unlimited return potential or you are unwilling to invest in the notes based on the maximum upside payment amount of \$1,520.00.



Scotiabank

Investor Solutions



- You cannot tolerate fluctuations in the price of the notes prior to maturity that may be similar to or exceed the downside fluctuations in the level of the reference asset or in the price of its reference asset constituent stocks.
- You seek current income from your investment or prefer to receive dividends paid on the reference asset constituent stocks.
- You are unable or unwilling to hold the notes to maturity, a term of approximately 48 months, or you seek an investment for which there will be a secondary market.
- You do not seek an investment with exposure to U.S. small capitalization companies.
- You are not willing to assume the credit risk of the Bank for all payments under the notes.

The investor suitability considerations identified above are not exhaustive. Whether or not the notes are a suitable investment for you will depend on your individual circumstances and you should reach an investment decision only after you and your investment, legal, tax, accounting and other advisors have carefully considered the suitability of an investment in the notes in light of your particular circumstances. You should also review "Additional Risks" in this pricing supplement and the "Additional Risk Factors Specific to the Notes" beginning on page PS-6 of the accompanying product prospectus supplement and "Risk Factors" beginning on page S-2 of the accompanying prospectus supplement and on page 5 of the accompanying prospectus for risks related to an investment in the notes.



HYPOTHETICAL PAYMENTS AT MATURITY ON THE NOTES

The examples set out below are included for illustration purposes only. They should not be taken as an indication or prediction of future investment results and are intended merely to illustrate the impact that the various hypothetical reference asset levels on the valuation date could have on the payment at maturity assuming all other variables remain constant.

The examples below are based on a range of final levels that are entirely hypothetical; the level of the reference asset on any day throughout the life of the notes, including the final level on the valuation date, cannot be predicted. The reference asset has been highly volatile in the past, meaning that the level of the reference asset has changed considerably in relatively short periods, and its performance cannot be predicted for any future period.

The information in the following examples reflects hypothetical rates of return on the offered notes assuming that they are purchased on the original issue date at the principal amount and held to the maturity date. If you sell your notes in a secondary market prior to the maturity date, your return will depend upon the market value of your notes at the time of sale, which may be affected by a number of factors that are not reflected in the examples below, such as interest rates, the volatility of the reference asset and our creditworthiness. In addition, the estimated value of your notes at the time the terms of your notes were set on the trade date (as determined by reference to pricing models used by us) is less than the original issue price of your notes. For more information on the estimated value of your notes, see “Additional Risks—The Bank’s initial estimated value of the notes at the time of pricing (when the terms of your notes were set on the trade date) is lower than the original issue price of the notes” on page P-15 of this pricing supplement. The information in the examples also reflect the key terms and assumptions in the box below.

Key Terms and Assumptions	
Principal amount	\$1,000
Upside participation rate	125.00%
Maximum upside payment amount	\$1,520.00 for each \$1,000 principal amount of your notes
Trigger level	80.00% of the initial level
Neither a market disruption event nor a non-trading day occurs on the originally scheduled valuation date	
No change in or affecting any of the reference asset constituent stocks or the method by which the sponsor calculates the reference asset	
Notes purchased on the original issue date at the principal amount and held to the maturity date	

The actual performance of the reference asset over the life of your notes, as well as the amount payable at maturity, if any, may bear little relation to the hypothetical examples shown below or to the historical levels of the reference asset shown elsewhere in this pricing supplement. For information about the historical levels of the reference asset, see “Information Regarding the Reference Asset—Historical Information” below.

Also, the hypothetical examples shown below do not take into account the effects of applicable taxes. Because of the U.S. tax treatment applicable to your notes, tax liabilities could affect the after-tax rate of return on your notes to a comparatively greater extent than the after-tax return on the reference asset constituent stocks.



The levels in the left column of the table below represent hypothetical final levels and are expressed as percentages of the initial level. The amounts in the right column represent the hypothetical payment at maturity, based on the corresponding hypothetical final level, and are expressed as percentages of the principal amount of a note (rounded to the nearest one-thousandth of a percent). Thus, a hypothetical payment at maturity of 100.000% means that the value of the cash payment that we would pay for each \$1,000 of the outstanding principal amount of the offered notes on the maturity date would equal 100.000% of the principal amount of a note, based on the corresponding hypothetical final level and the assumptions noted above.

Hypothetical Final Level (as Percentage of Initial Level)	Hypothetical Payment at Maturity (as Percentage of Principal Amount)
160.000%	152.000%
150.000%	152.000%
145.000%	152.000%
141.600%	152.000%
140.000%	150.000%
130.000%	137.500%
120.000%	125.000%
110.000%	112.500%
105.000%	106.250%
100.000%	100.000%
95.000%	105.000%
90.000%	110.000%
85.000%	115.000%
80.000%	120.000%
79.999%	79.999%
70.000%	70.000%
60.000%	60.000%
50.000%	50.000%
25.000%	25.000%
0.000%	0.000%

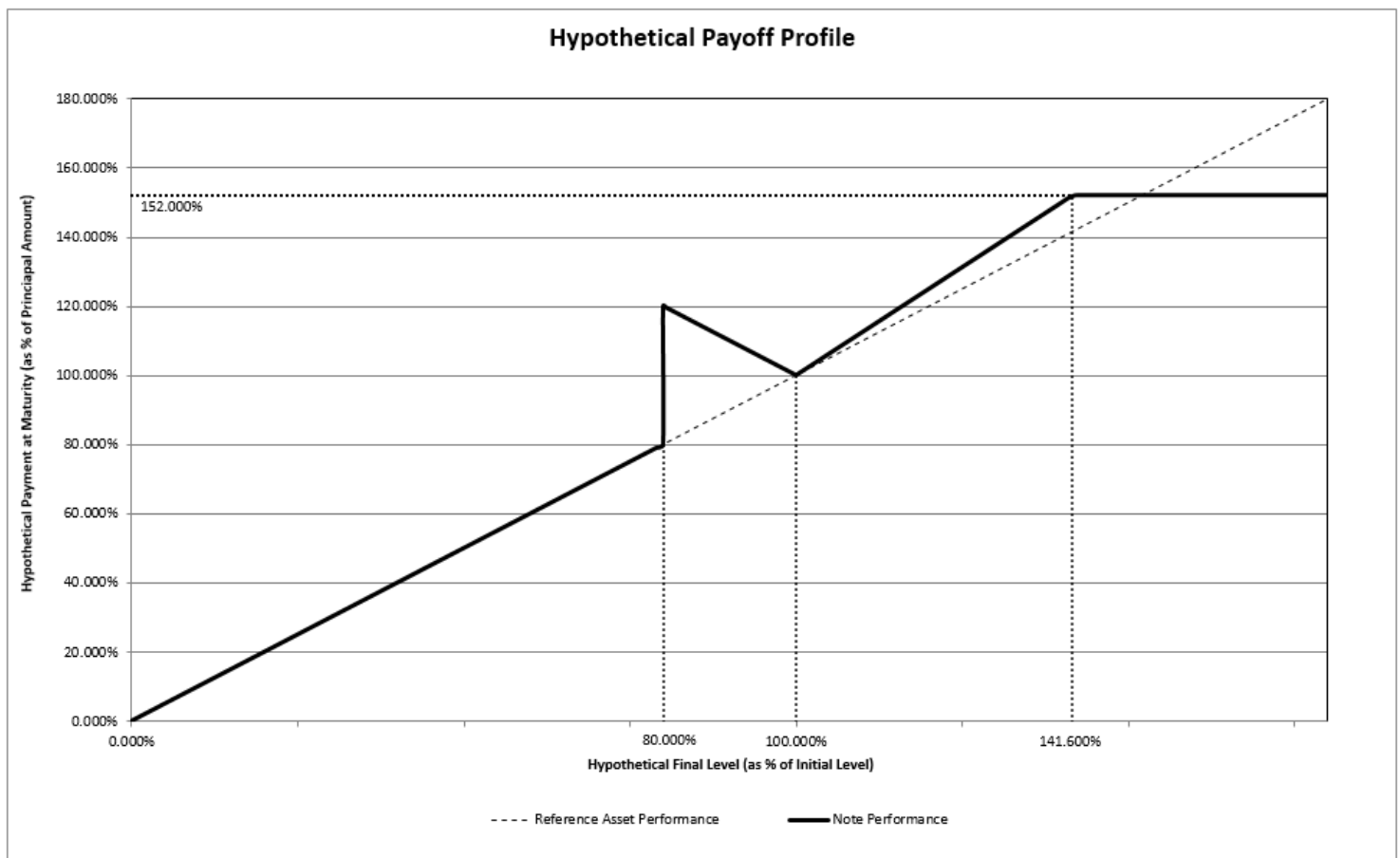
If, for example, the final level were determined to be 25.000% of the initial level, the payment at maturity that we would pay on your notes at maturity would be 25.000% of the principal amount of your notes, as shown in the table above. As a result, if you purchased your notes on the original issue date at the principal amount and held them to the maturity date, you would lose 75.000% of your investment (if you purchased your notes at a premium to the principal amount you would lose a correspondingly higher percentage of your investment). If the final level were determined to be 0.000% of the initial level, you would lose 100.000% of your investment in the notes.

If the final level were determined to be 90.000% of the initial level, the absolute percentage change would be 10.000% and the payment at maturity that we would pay on your notes would be 110.000% of the principal amount of your notes, as shown in the table above. As a result of the trigger level, if the final level were determined to be less than the initial level but greater than or equal to 80.000% of the initial level, your return would be capped at 120.000% of each \$1,000 principal amount of your notes, as shown in the table above.

Finally, if the final level were determined to be 160.000% of the initial level, the payment at maturity that we would pay on your notes would be capped at the maximum upside payment amount, or 152.000% of each \$1,000 principal amount of your notes, as shown in the table above. If you hold your notes to maturity, you will not benefit from any increase in the level of the reference asset to a final level that is greater than 141.600% of the initial level.



The following chart shows a graphical illustration of the hypothetical payment at maturity that we would pay on your notes on the maturity date, if the final level were any of the hypothetical levels shown on the horizontal axis. **The hypothetical payments at maturity in the chart are expressed as percentages of the principal amount of your notes and the hypothetical final levels are expressed as percentages of the initial level.** The chart shows that any hypothetical final level of less than 80.000% (the section left of the 80.000% marker on the horizontal axis) would result in a hypothetical payment at maturity of less than 100.000% of the principal amount of your notes (the section below the 100.000% marker on the vertical axis) and, accordingly, in a loss of principal to the holder of the notes. The chart also shows that any hypothetical final level of greater than or equal to 141.600% (the section right of the 141.600% marker on the horizontal axis) would result in a capped return on your investment.





The following examples illustrate the calculation of the payment at maturity based on the key terms and assumptions above. The amounts below have been rounded for ease of analysis.

Example 1— Calculation of the payment at maturity where the percentage change is positive.

Percentage Change: 5.00%
 Payment at Maturity: $\$1,000.00 + (\$1,000.00 \times 5.00\% \times 125.00\%) = \$1,000.00 + \$62.50 = \$1,062.50$

On a \$1,000.00 investment, a 5.00% percentage change results in a payment at maturity of \$1,062.50.

Example 2— Calculation of the payment at maturity where the percentage change is positive and the payment at maturity is subject to the maximum upside payment amount.

Percentage Change: 60.00%
 Payment at Maturity: $\$1,000.00 + (\$1,000.00 \times 60.00\% \times 125.00\%) = \$1,000.00 + \$750.00 = \$1,750.00$. However, the maximum upside payment amount is \$1,520.00 and the payment at maturity would be \$1,520.00.

On a \$1,000.00 investment, a 60.00% percentage change results in a payment at maturity of \$1,520.00.

Example 3— Calculation of the payment at maturity where the percentage change is negative but the final level is equal to or greater than the trigger level.

Percentage Change: -10.00%
 Payment at Maturity: $\$1,000.00 + (\$1,000.00 \times |-10.00\%|) = \$1,000.00 + \$100.00 = \$1,100.00$
 (at maturity, if the percentage change is negative BUT the decrease is not more than 20.00%, then the payment at maturity will equal the *sum* of (i) the principal amount *plus* (ii) the *product* of (a) the principal amount *times* (b) the absolute percentage change).

On a \$1,000.00 investment, a -10.00% percentage change results in a payment at maturity of \$1,100.00.

Example 4— Calculation of the payment at maturity where the percentage change is negative and the final level is less than the trigger level.

Percentage Change: -50.00%
 Payment at Maturity: $\$1,000.00 + (\$1,000.00 \times -50.00\%) = \$1,000.00 - \$500.00 = \500.00

On a \$1,000.00 investment, a -50.00% percentage change results in a payment at maturity of \$500.00.

Accordingly, if the percentage change is less than -20.00%, the Bank will pay you less than the full principal amount, resulting in a percentage loss on your investment that is equal to the negative percentage change. You may lose up to 100% of your principal amount.

Any payment on the notes, including any repayment of principal, is subject to the creditworthiness of the Bank. If the Bank were to default on its payment obligations, you may not receive any amounts owed to you under the notes and you could lose your entire investment.

The payments at maturity shown above are entirely hypothetical; they are based on hypothetical levels of the reference asset that may not be achieved on the valuation date and on assumptions that may prove to be erroneous. The actual market value of your notes on the maturity date or at any other time, including any time you may wish to sell your notes, may bear little relation to the hypothetical payments at maturity shown above, and these amounts should not be viewed as an indication of the financial return on an investment in the offered notes. The hypothetical payments at maturity on the notes held to the maturity date in the examples above assume you purchased your notes at their principal amount and have not been adjusted to reflect the actual original issue price you pay for your notes. The return on your investment (whether positive or negative) in your notes will be affected by the amount you pay for your notes. If you purchase your notes for a price other than the principal amount, the return on your investment will differ from, and may be significantly lower than, the hypothetical returns suggested by the above examples. Please read “Additional Risks—The price at which the notes may be sold prior to maturity will depend on a number of factors and may be substantially less than the amount for which they were originally purchased” on page P-20 of this pricing supplement.

Payments on the notes are economically equivalent to the amounts that would be paid on a combination of other instruments. For example, payments on the notes are economically equivalent to a combination of a non- interest-bearing bond bought by the holder and one or more options entered into between the holder and us (with one or more implicit option premiums paid over time). The discussion in this paragraph does not modify or affect the terms of the notes or the U.S. federal income tax treatment of the notes, as described elsewhere in this pricing supplement.

We cannot predict the actual final level or what the market value of your notes will be on any particular trading day, nor can we predict the relationship between the level of the reference asset and the market value of your notes at any time prior to the maturity date. The actual amount that you will receive, if any, at maturity and the rate of return on the offered notes will depend on the actual final level, which will be determined by the calculation agent as described above. Moreover, the assumptions on which the hypothetical returns are based may turn out to be inaccurate. Consequently, the amount of cash to be paid in respect of your notes, if any, on the maturity date may be very different from the information reflected in the examples above.

ADDITIONAL RISKS

An investment in the notes involves significant risks. In addition to the following risks included in this pricing supplement, we urge you to read “Additional Risk Factors Specific to the Notes” beginning on page PS-6 of the accompanying product prospectus supplement and “Risk Factors” beginning on page S-2 of the accompanying prospectus supplement and page 5 of the accompanying prospectus.

You should understand the risks of investing in the notes and should reach an investment decision only after careful consideration, with your advisors, of the suitability of the notes in light of your particular financial circumstances and the information set forth in this pricing supplement and the accompanying prospectus, accompanying prospectus supplement and accompanying product prospectus supplement.

The Bank’s initial estimated value of the notes at the time of pricing (when the terms of your notes were set on the trade date) is lower than the original issue price of the notes

The Bank’s initial estimated value of the notes is only an estimate. The original issue price of the notes exceeds the Bank’s initial estimated value. The difference between the original issue price of the notes and the Bank’s initial estimated value reflects costs associated with selling and structuring the notes, including the structuring fee and the marketing fee, as well as hedging its obligations under the notes with a third party. Therefore, the economic terms of the notes are less favorable to you than they would have been if these expenses not been paid or had been lower, as discussed further under “The structuring fee, marketing fee and other expenses result in less favorable economic terms of the notes and could adversely affect any secondary market price for the notes” below.

Neither the Bank’s nor GS&Co.’s estimated value of the notes at any time is determined by reference to credit spreads or the borrowing rate the Bank would pay for its conventional fixed-rate debt securities

The Bank’s initial estimated value of the notes and GS&Co.’s estimated value of the notes at any time are determined by reference to the Bank’s internal funding rate. The internal funding rate used in the determination of the estimated value of the notes generally represents a discount from the credit spreads for the Bank’s conventional fixed-rate debt securities and the borrowing rate the Bank would pay for its conventional fixed-rate debt securities. This discount is based on, among other things, the Bank’s view of the funding value of the notes as well as the higher issuance, operational and ongoing liability management costs of the notes in comparison to those costs for the Bank’s conventional fixed-rate debt. If the interest rate implied by the credit spreads for the Bank’s conventional fixed-rate debt securities, or the borrowing rate the Bank would pay for its conventional fixed-rate debt securities were to be used, the Bank would expect the economic terms of the notes to be more favorable to you. Consequently, the use of an internal funding rate for the notes increases the estimated value of the notes at any time and has an adverse effect on the economic terms of the notes.

The Bank’s initial estimated value of the notes does not represent future values of the notes and may differ from others’ (including GS&Co.’s) estimates

The Bank’s initial estimated value of the notes is determined by reference to its internal pricing models when the terms of the notes were set. These pricing models consider certain factors, such as the Bank’s internal funding rate on the trade date, the expected term of the notes, market conditions and other relevant factors existing at that time, and the Bank’s assumptions about market parameters, which can include volatility, dividend rates, interest rates and other factors. Different pricing models and assumptions (including the pricing models and assumptions used by GS&Co.) could provide valuations for the notes that are different, and perhaps materially lower, from the Bank’s initial estimated value. Therefore, the price at which GS&Co. would buy or sell your notes (if GS&Co. makes a market, which it is not obligated to do) may be materially lower than the Bank’s initial estimated value. In addition, market conditions and other relevant factors in the future may change, and any assumptions may prove to be incorrect.

The price at which GS&Co. would buy or sell your notes (if GS&Co. makes a market, which it is not obligated to do) will be based on GS&Co.'s estimated value of your notes

GS&Co.'s estimated value of the notes is determined by reference to its pricing models and takes into account the Bank's internal funding rate. The price at which GS&Co. would initially buy or sell your notes in the secondary market (if GS&Co. makes a market, which it is not obligated to do) exceeds GS&Co.'s estimated value of your notes at the time of pricing. As agreed by GS&Co. and the distribution participants, this excess (i.e., the additional amount described under "Additional Information Regarding Estimated Value of the Notes" above) will decline to zero on a straight line basis over the period from the trade date through the applicable date set forth under "Additional Information Regarding Estimated Value of the Notes" above. Thereafter, if GS&Co. buys or sells your notes it will do so at prices that reflect the estimated value determined by reference to GS&Co.'s pricing models at that time. The price at which GS&Co. will buy or sell your notes at any time also will reflect its then current bid and ask spread for similar sized trades of structured notes. If GS&Co. calculated its estimated value of your notes by reference to the Bank's credit spreads or the borrowing rate the Bank would pay for its conventional fixed-rate debt securities (as opposed to the Bank's internal funding rate), the price at which GS&Co. would buy or sell your notes (if GS&Co. makes a market, which it is not obligated to do) could be significantly lower.

GS&Co.'s pricing models consider certain variables, including principally the Bank's internal funding rate, interest rates (forecasted, current and historical rates), volatility, price-sensitivity analysis and the time to maturity of the notes. These pricing models are proprietary and rely in part on certain assumptions about future events, which may prove to be incorrect. As a result, the actual value you would receive if you sold your notes in the secondary market, if any, to others may differ, perhaps materially, from the estimated value of your notes determined by reference to GS&Co.'s models, taking into account the Bank's internal funding rate, due to, among other things, any differences in pricing models or assumptions used by others. See "The price at which the notes may be sold prior to maturity will depend on a number of factors and may be substantially less than the amount for which they were originally purchased" below.

In addition to the factors discussed above, the value and quoted price of your notes at any time will reflect many factors and cannot be predicted. If GS&Co. makes a market in the notes, the price quoted by GS&Co. would reflect any changes in market conditions and other relevant factors, including any deterioration in the Bank's creditworthiness or perceived creditworthiness. These changes may adversely affect the value of your notes, including the price you may receive for your notes in any market making transaction. To the extent that GS&Co. makes a market in the notes, the quoted price will reflect the estimated value determined by reference to GS&Co.'s pricing models at that time, plus or minus GS&Co.'s then current bid and ask spread for similar sized trades of structured notes (and subject to the declining excess amount described above).

Furthermore, if you sell your notes, you will likely be charged a commission for secondary market transactions, or the price will likely reflect a dealer discount. This commission or discount will further reduce the proceeds you would receive for your notes in a secondary market sale.

There is no assurance that GS&Co. or any other party will be willing to purchase your notes at any price and, in this regard, GS&Co. is not obligated to make a market in the notes. See "The notes lack liquidity" below.

The structuring fee, marketing fee and other expenses result in less favorable economic terms of the notes and could adversely affect any secondary market price for the notes

The economic terms of the notes, as well as the difference between the Bank's initial estimated value of your notes as of the time the terms of your notes were set on the trade date and the original issue price, take into consideration, among other expenses, the structuring fee, the marketing fee and hedging costs paid in connection with the notes. Therefore, the economic terms of the notes are less favorable to you than they would have been if these expenses had not been paid or had been lower. Further, the price, if any, at which SCUSA or GS&Co. will buy or sell your notes (if SCUSA or GS&Co. makes a market, which they are not obligated to do) at any time will reflect, among other things, the economic terms of the notes. Therefore, the secondary market price for the notes could also be adversely affected by the structuring fee, the marketing fee and other expenses, including hedging costs, paid in connection with the notes. See "The Bank's initial estimated value of the notes at the time of pricing (when the terms of your notes were set on the trade date) is lower than the original issue price of the notes" above.

Risk of loss at maturity

You may lose your entire investment in the notes. Any payment on the notes at maturity depends on the percentage change of the reference asset. The Bank will only repay you the full principal amount of your notes if the percentage change is equal to or greater than -20.00%. If the percentage change is less than -20.00% (and, accordingly, the final level is less than the trigger level), you will have a loss for each \$1,000 principal amount of your notes equal to the *product* of (i) the percentage change *times* (ii) \$1,000. Specifically, if the final level is less than the trigger level, you will lose 1% for every 1% negative percentage change below the initial level. **Accordingly, you may lose your entire investment in the notes if the percentage decline from the initial level to the final level is greater than 20.00%.**

The stated payout applies only at maturity

You should be willing to hold your notes to maturity. If you are able to sell your notes prior to maturity in the secondary market, the price you receive will likely not reflect the full economic value of the notes, and you may have to sell them at a loss relative to your initial investment even if the level of the reference asset at such time performs favorably to you. You may receive the stated payout only if you hold your notes to maturity.

The return on your notes may change significantly despite only a small change in the level of the reference asset

If the final level is less than the trigger level, you will receive less than the principal amount of your notes and you could lose all or a substantial portion of your investment in the notes. This means that while a decrease in the final level to the trigger level will not result in a loss of principal on the notes, a decrease in the final level to less than the trigger level will result in a loss of a significant portion of the principal amount of the notes despite only a small change in the level of the reference asset.

The potential for the value of your notes to increase will be limited

Your ability to participate in any appreciation of the level of the reference asset over the life of your notes will be limited because of the maximum upside payment amount. If the final level is equal to or greater than the initial level, the payment at maturity will not exceed the maximum upside payment amount. Therefore, if the appreciation of the level of the reference asset exceeds the cap on appreciation in the maximum upside payment amount, the notes will provide less opportunity to participate in the appreciation of the reference asset than an investment in a security linked to the level of the reference asset providing full participation in the appreciation. Accordingly, if the final level is equal to or greater than the initial level, the return on the notes may be less than the return would be if you made an investment in a security directly linked to the positive performance of the reference asset.

In addition, although the notes provide an opportunity for you to earn a positive return based on the decline in the level of the reference asset from the initial level to the final level, such opportunity is limited because of the trigger level and you will have the ability to participate in the absolute percentage change of such decline only if the final level is equal to or greater than the trigger level (which is 80.00% of the initial level). If the final level is less than the initial level but equal to or greater than the trigger level, the amount you may receive at maturity will not exceed \$1,200.00 for each \$1,000 principal amount of your notes. If the final level is less than the trigger level, you will lose some or all of your investment in the notes, as described above.

The notes differ from conventional debt instruments

The notes are not conventional notes or debt instruments. The notes do not provide you with interest payments prior to maturity as a conventional fixed-rate or floating-rate debt security with the same maturity would. The return that you will receive on the notes, which could be negative, may be less than the return you could earn on other investments. Even if your return is positive, your return may be less than the return you would earn if you bought a conventional senior interest bearing debt security of the Bank.

No interest

The notes do bear interest and, accordingly, you will not receive any interest payments on the notes.

Your investment is subject to the credit risk of The Bank of Nova Scotia

The notes are senior unsecured debt obligations of the Bank, and are not, either directly or indirectly, an obligation of any third party. As further described in the accompanying prospectus, accompanying prospectus supplement and accompanying product prospectus supplement, the notes will rank on par with all of the other unsecured and unsubordinated debt obligations of the Bank, except such obligations as may be preferred by operation of law. Any payment to be made on the notes, including the payment at maturity, depends on the ability of the Bank to satisfy its obligations as they come due. As a result, the actual and perceived creditworthiness of the Bank may affect the market value of the notes and, in the event the Bank were to default on its obligations, you may not receive the amounts owed to you under the terms of the notes. If you sell the notes prior to maturity, you may receive substantially less than the principal amount of your notes.

There are potential conflicts of interest between you and the calculation agent

Scotia Capital Inc., the calculation agent, is one of our affiliates. In performing its duties, the economic interests of the calculation agent are potentially adverse to your interests as an investor in the notes. The calculation agent is under no obligation to consider your interests as a holder of the notes in taking any actions that might affect the level of the reference asset and the value of, and amount payable on, the notes.

Investors should investigate the reference asset and the reference asset constituent stocks as if making a hypothetical direct investment in the reference asset constituent stocks

Investors should conduct their own diligence of the reference asset and reference asset constituent stocks as an investor would if it were making a hypothetical direct investment in the reference asset constituent stocks. Neither we nor any of our affiliates have participated in the preparation of any publicly available information or made any “due diligence” investigation or inquiry with respect to the reference asset or the reference asset constituent stocks. Furthermore, we cannot give any assurance that all events occurring prior to the original issue date have been properly disclosed. Subsequent disclosure of any such events or the disclosure or failure to disclose material future events concerning the reference asset or the reference asset constituent stocks could affect any payment at maturity. Investors should not conclude that the sale by the Bank of the notes is any form of investment recommendation by the Bank or any of its affiliates to invest in securities linked to the performance of the reference asset or the reference asset constituent stocks.

The notes are subject to market risk

The return on the notes is directly linked to the performance of the reference asset and indirectly linked to the performance of the reference asset constituent stocks, and the extent to which the percentage change is positive or negative. The level of the reference asset can rise or fall sharply due to factors specific to the reference asset constituent stocks, as well as general market factors, such as general market volatility and levels, interest rates and economic and political conditions.

The payment at maturity is not linked to the level of the reference asset at any time other than the valuation date (except in the case of tax redemptions)

The payment at maturity will be based on the final level. Therefore, for example, if the closing level of the reference asset declined substantially as of the valuation date compared to the trade date, the payment at maturity may be significantly less than it would otherwise have been had the payment at maturity been linked to the closing levels of the reference asset prior to the valuation date. Although the actual level of the reference asset at maturity or at other times during the term of the notes may be higher or lower than the final level, as applicable, you will not benefit from the closing levels of the reference asset at any time other than the valuation date (except in the case of tax redemptions as described further under “Tax Redemption” in the accompanying product prospectus supplement).

If the levels of the reference asset or the reference asset constituent stocks change, the market value of your notes may not change in the same manner

Your notes may trade quite differently from the performance of the reference asset or the reference asset constituent stocks. Changes in the levels of the reference asset or the reference asset constituent stocks may not result in a comparable change in the market value of your notes. We discuss some of the reasons for this disparity under “—The price at which the notes may be sold prior to maturity will depend on a number of factors and may be substantially less than the amount for which they were originally purchased” below.

Holding the notes is not the same as holding the reference asset constituent stocks and the absolute return feature is not the same as taking a short position directly in the reference asset constituent stocks

Holding the notes is not the same as holding the reference asset constituent stocks. As a holder of the notes, you will not be entitled to the voting rights or rights to receive dividends or other distributions or other rights that holders of the reference asset constituent stocks would enjoy. Further, the return on your notes may not reflect the return you would realize if you actually owned the reference asset constituent stocks. For instance, you will not benefit from any positive percentage change in excess of an amount that, when multiplied by the upside participation rate, exceeds the cap on appreciation set by the maximum upside payment amount.

Similarly, if the level of the reference asset declines and the final level is less than the trigger level, you will not benefit from any decline in the level of the reference asset (and you will instead lose some or all of the principal amount of your notes), as discussed further under “—The potential for the value of your notes to increase will be limited” above. Additionally, if you actually took a short position in a reference asset constituent stock, you would be required to pay dividend payments (if any) to the entity that lends you the reference asset constituent stock for your short sale and you would receive certain interest payments (the short interest rebate) from the lender.

There is no assurance that the investment view implicit in the notes will be successful

It is impossible to predict with certainty whether and the extent to which the level of the reference asset will rise or fall. There can be no assurance that the level of the reference asset will rise above the initial level or that the final level will be equal to or greater than the trigger level. The final level may be influenced by complex and interrelated political, economic, financial and other factors that affect the level of the reference asset constituent stocks. You should be willing to accept the risks of the price performance of equity securities in general and the reference asset constituent stocks in particular, and the risk of losing some or all of your initial investment.

Furthermore, we cannot give you any assurance that the future performance of the reference asset or the reference asset constituent stocks will result in your receiving an amount greater than or equal to the principal amount of your notes. Certain periods of historical performance of the reference asset or the reference asset constituent stocks would have resulted in you receiving less than the principal amount of your notes if you had owned notes with terms similar to these notes in the past. See “Information Regarding The Reference Asset” in this pricing supplement for further information regarding the historical performance of the reference asset.

There is no assurance as to the performance of the reference asset or the reference asset constituent stocks; past performance of the reference asset or the reference asset constituent stocks should not be taken as an indication of the future performance of the reference asset or the reference asset constituent stocks

The notes are linked directly to the level of the reference asset and indirectly to the levels of the reference asset constituent stocks, which are speculative and involve a high degree of risk. None of the Bank, the calculation agent, GS&Co. or any of our other or their respective affiliates, gives any assurance as to the performance of the reference asset or the reference asset constituent stocks. Investors should not conclude that the sale by the Bank of the notes is an investment recommendation by it or by any of the other entities mentioned above to invest in securities linked to the performance of the reference asset or the reference asset constituent stocks. Investors should consult with their own financial advisors as to whether an investment in the notes is appropriate for them. Past performance of the reference asset and the reference asset constituent stocks should not be taken as a guarantee or assurance of the future performance of the reference asset or the reference asset constituent stocks, and it is impossible to predict whether the level of the reference asset or the reference asset constituent stocks will rise or fall during the term of the notes.

The reference asset reflects price return only and not total return

The return on your notes is based on the performance of the reference asset, which reflects the changes in the market prices of the reference asset constituent stocks. It is not, however, linked to a “total return” index or strategy, which, in addition to reflecting those price returns, would also reflect dividends paid on the reference asset constituent stocks. The return on your notes will not include such a total return feature or dividend component.

The notes are subject to small-capitalization stock risks

The notes are subject to risks associated with small-capitalization companies because the reference asset is comprised of stocks of companies that are considered small-capitalization companies. These companies often have greater stock price volatility, lower trading volume and less liquidity than large-capitalization companies and therefore the reference asset may be more volatile than an index in which a greater percentage of the reference asset constituents are issued by large-capitalization companies. Stock prices of small-capitalization companies are also more vulnerable than those of large-capitalization companies to adverse business and economic developments, and the stocks of small-capitalization companies may be thinly traded. In addition, small-capitalization companies are typically less stable financially than large-capitalization companies and may depend on a small number of key personnel, making them more vulnerable to loss of personnel. Small-capitalization companies are often given less analyst coverage and may be in early, and less predictable, periods of their corporate existences. Such companies tend to have smaller revenues, less diverse product lines, smaller shares of their product or service markets, fewer financial resources and less competitive strengths than large-capitalization companies and are more susceptible to adverse developments related to their products.

We may sell an additional aggregate principal amount of the notes at a different issue price

We may decide to sell an additional aggregate principal amount of the notes subsequent to the date of this pricing supplement. The issue price of the notes in the subsequent sale may differ substantially (higher or lower) from the original issue price you paid as provided on the cover of this pricing supplement.

Changes affecting the reference asset could have an adverse effect on the value of the notes

The policies of the sponsor concerning additions, deletions and substitutions of the reference asset constituent stocks and the manner in which the sponsor takes account of certain changes affecting those reference asset constituent stocks may adversely affect the level of the reference asset. The policies of the sponsor with respect to the calculation of the reference asset could also adversely affect the level of the reference asset. The sponsor may discontinue or suspend calculation or dissemination of the reference asset. Any such actions could have a material adverse effect on the value of, and return on, the notes.

The Bank cannot control actions by the sponsor and the sponsor has no obligation to consider your interests

The Bank and its affiliates are not affiliated with the sponsor and have no ability to control or predict its actions, including any errors in or discontinuation of public disclosure regarding methods or policies relating to the calculation of the reference asset. The sponsor is not involved in the notes offering in any way and has no obligation to consider your interest as an owner of the notes in taking any actions that might negatively affect the market value of your notes.

If you purchase your notes at a premium to the principal amount, the return on your investment will be lower than the return on notes purchased at the principal amount and the impact of certain key terms of the notes will be negatively affected

The payment at maturity will not be adjusted based on the original issue price you pay for the notes. If you purchase notes at a price that differs from the principal amount of the notes, then the return on your investment in such notes held to the maturity date will differ from, and may be substantially less than, the return on notes purchased at the principal amount. If you purchase your notes at a premium to the principal amount and hold them to the maturity date, the return on your investment in the notes will be lower than it would have been had you purchased the notes at the principal amount or at a discount to the principal amount. In addition, the impact of the maximum upside payment amount and the trigger level on the return on your investment will depend upon the price you pay for your notes relative to the principal amount. For example, if you purchase your notes at a premium to the principal amount, the maximum upside payment amount and the limit on the absolute percentage change implied by the trigger level will only permit a lower positive return on your investment in the notes than would have been the case for notes purchased at the principal amount or a discount to the principal amount. Similarly, the trigger level, while still providing some protection for the return on the notes, will allow a greater percentage decrease in your investment in the notes than would have been the case for notes purchased at the principal amount or a discount to the principal amount.

The price at which the notes may be sold prior to maturity will depend on a number of factors and may be substantially less than the amount for which they were originally purchased

The price at which the notes may be sold prior to maturity will depend on a number of factors. Some of these factors include, but are not limited to: (i) actual or anticipated changes in the level of the reference asset over the full term of the notes, (ii) volatility of the level of the reference asset and the market's perception of future volatility of the level of the reference asset, (iii) changes in interest rates generally, (iv) any actual or anticipated changes in our credit ratings or credit spreads and (v) time remaining to maturity. In particular, because the provisions of the notes relating to the payment at maturity and the maximum upside payment amount behave like options, the value of the notes will vary in ways which are non-linear and may not be intuitive.

Depending on the actual or anticipated level of the reference asset and other relevant factors, the market value of the notes may decrease and you may receive substantially less than 100% of the issue price if you sell your notes prior to maturity.

See "Additional Risk Factors Specific to the Notes—The Market Value of Your Notes May Be Influenced by Many Unpredictable Factors" beginning on page PS-7 of the accompanying product prospectus supplement.

The notes lack liquidity

The notes will not be listed on any securities exchange or automated quotation system. Therefore, there may be little or no secondary market for the notes. SCUSA, any other affiliates of the Bank and GS&Co. may, but are not obligated to, make a market in the notes. Even if there is a secondary market, it may not provide enough liquidity to allow you to trade or sell the notes easily. Because we do not expect that other broker-dealers will participate significantly in the secondary market for the notes, the price at which you may be able to trade your notes is likely to depend on the price, if any, at which SCUSA and GS&Co. are willing to purchase the notes from you. If at any time SCUSA and GS&Co. were not to make a market in the notes, it is likely that there would be no secondary market for the notes. Accordingly, you should be willing to hold your notes to maturity.

Hedging activities by the Bank and GS&Co. may negatively impact investors in the notes and cause our respective interests and those of our clients and counterparties to be contrary to those of investors in the notes

The Bank, GS&Co. or one or more of our or their respective affiliates has hedged or expects to hedge the obligations under the notes by purchasing futures and/or other instruments linked to the reference asset. The Bank, GS&Co. or one or more of our or their respective affiliates also expects to adjust the hedge by, among other things, purchasing or selling any of the foregoing, and perhaps other instruments linked to the reference asset and/or one or more of the reference asset constituent stocks, at any time and from time to time, and to unwind the hedge by selling any of the foregoing on or before the valuation date.

The Bank, GS&Co. or one or more of our or their respective affiliates may also enter into, adjust and unwind hedging transactions relating to other basket- or index-linked notes whose returns are linked to changes in the level or price of the reference asset or the reference asset constituent stocks. Any of these hedging activities may adversely affect the level of the reference asset—directly or indirectly by affecting the price of the reference asset constituent stocks — and therefore the market value of the notes and the amount you will receive, if any, on the notes. Because the dealer, or an affiliate, from which you purchase notes is to conduct hedging activities for us in connection with the notes, that dealer or affiliate may profit in connection with such hedging activities and such profit, if any, will be in addition to the compensation that the dealer, or an affiliate, receives for the sale of the notes to you. You should be aware that the potential to earn fees in connection with hedging activities may create a further incentive for the dealer to sell the notes to you in addition to the compensation they would receive for the sale of the notes. In addition, you should expect that these transactions will cause the Bank, GS&Co. or our or their respective affiliates, or our or their respective clients or counterparties, to have economic interests and incentives that do not align with, and that may be directly contrary to, those of an investor in the notes. The Bank, GS&Co. or our or their respective affiliates will have no obligation to take, refrain from taking or cease taking any action with respect to these transactions based on the potential effect on an investor in the notes, and may receive substantial returns with respect to these hedging activities while the value of, and amount payable on, the notes may decline.



The Bank, SCUSA, GS&Co. and our or their respective affiliates regularly provide services to, or otherwise have business relationships with, a broad client base, which has included and may include us and the issuers of the reference asset constituent stocks and the market activities by the Bank, GS&Co. or our or their respective affiliates for our or their own respective accounts or for our or their respective clients could negatively impact investors in the notes

We, GS&Co. and our or their respective affiliates regularly provide a wide range of financial services, including financial advisory, investment advisory and transactional services to a substantial and diversified client base. As such, we each may act as an investor, investment banker, research provider, investment manager, investment advisor, market maker, trader, prime broker or lender. In those and other capacities, we, GS&Co. and/or our or their respective affiliates purchase, sell or hold a broad array of investments, actively trade securities (including the notes or other securities that we have issued), the reference asset constituent stocks, derivatives, loans, credit default swaps, indices, baskets and other financial instruments and products for our or their own respective accounts or for the accounts of our or their respective customers, and we will have other direct or indirect interests, in those securities and in other markets that may not be consistent with your interests and may adversely affect the level of the reference asset and/or the value of the notes. You should assume that we or they will, at present or in the future, provide such services or otherwise engage in transactions with, among others, us and the issuers of the reference asset constituent stocks, or transact in securities or instruments or with parties that are directly or indirectly related to these entities. These services could include making loans to or equity investments in those companies, providing financial advisory or other investment banking services, or issuing research reports. Any of these financial market activities may, individually or in the aggregate, have an adverse effect on the level of the reference asset and the market for your notes, and you should expect that our interests and those of GS&Co. and/or our or their respective affiliates, clients or counterparties, will at times be adverse to those of investors in the notes.

You should expect that we, GS&Co., and our or their respective affiliates, in providing these services, engaging in such transactions, or acting for our or their own respective accounts, may take actions that have direct or indirect effects on the notes or other securities that we may issue, the reference asset constituent stocks or other securities or instruments similar to or linked to the foregoing, and that such actions could be adverse to the interests of investors in the notes. In addition, in connection with these activities, certain personnel within us, GS&Co. or our or their respective affiliates may have access to confidential material non-public information about these parties that would not be disclosed to investors in the notes.

We, GS&Co. and our or their respective affiliates regularly offer a wide array of securities, financial instruments and other products into the marketplace, including existing or new products that are similar to the notes or other securities that we may issue, the reference asset constituent stocks or other securities or instruments similar to or linked to the foregoing. Investors in the notes should expect that the Bank, GS&Co. and our or their respective affiliates offer securities, financial instruments, and other products that may compete with the notes for liquidity or otherwise.

Other investors in the notes may not have the same interests as you

The interests of other investors may, in some circumstances, be adverse to your interests. Other investors may make requests or recommendations to us, SCUSA or GS&Co., or our or their respective affiliates, regarding the establishment of transactions on terms that are adverse to your interests, and investors in the notes are not required to take into account the interests of any other investor in exercising remedies, voting or other rights in their capacity as noteholders. Further, other investors may enter into market transactions with respect to the notes, assets that are the same or similar to the notes, assets referenced by the notes (such as stocks or stock indices) or other similar assets or securities which may adversely impact the market for or value of your notes. For example, an investor could take a short position (directly or indirectly through derivative transactions) in respect of securities similar to your notes or in respect of the reference asset.

The calculation agent can postpone the valuation date for the notes if a market disruption event with respect to the reference asset occurs

If the calculation agent determines, in its sole discretion, that, on a day that would otherwise be the valuation date, a market disruption event with respect to the reference asset has occurred or is continuing for the reference asset, the valuation date will be postponed until the first following trading day on which no market disruption event occurs or is continuing, although the valuation date will not be postponed by more than seven trading days. Moreover, if the valuation date is postponed to the last possible day, but a market disruption event occurs or is continuing on that day, that day will nevertheless be the valuation date, and the calculation agent will determine the applicable final level that must be used to determine the payment at maturity. See “General Terms of the Notes—Unavailability of the Level of the Reference Asset on a Valuation Date” beginning on page PS-19 and “General Terms of the Notes—Market Disruption Events” beginning on page PS-20 in the accompanying product prospectus supplement.

There is no affiliation between the issuers of any reference asset constituent stock or the sponsor and us, SCUSA or GS&Co.

The Bank, SCUSA, GS&Co. and our or their respective affiliates may currently, or from time to time in the future, engage in business with the issuers of the reference asset constituent stocks or the sponsor. None of the Bank, SCUSA or any of our other affiliates, or GS&Co. or its affiliates are affiliated with the issuer of any reference asset constituent stock or the sponsor nor have they participated in the preparation of any publicly available information or made any “due diligence” investigation or inquiry with respect to the reference asset or the reference asset constituent stocks. You should make your own investigation into the reference asset and the issuers of the reference asset constituent stocks. See the section below entitled “Information Regarding the Reference Asset” in this pricing supplement for additional information about the reference asset.

Uncertain tax treatment

Significant aspects of the tax treatment of the notes are uncertain. You should consult your tax advisor about your tax situation. See “Material Canadian Income Tax Consequences” and “Material U.S. Federal Income Tax Consequences” in this pricing supplement.



INFORMATION REGARDING THE REFERENCE ASSET

The Russell 2000® Index

All disclosures contained herein regarding the Russell 2000® Index (“RTY”), including, without limitation, its make-up, method of calculation, and changes in its components, have been derived from publicly available sources. The RTY was developed by Russell Investment Group (“Russell”) before FTSE International Limited and Russell combined in 2015 to create FTSE Russell, which is wholly owned by London Stock Exchange Group. The information reflects the policies of, and is subject to change by, FTSE Russell (or the “sponsor”). The sponsor, which licenses the copyright and all other rights to the RTY, has no obligation to continue to publish, and may discontinue publication of, the RTY. None of us, the calculation agent, or GS&Co. accepts any responsibility for the calculation, maintenance or publication of the RTY or any successor index.

General

The RTY is sponsored by FTSE Russell and measures the composite price performance of stocks of 2,000 companies in the U.S. equity market. It is generally considered to be a “small-cap” index. Additional information about the RTY is available on the following website: ftse.com/analytics/factsheets/Home/Search#. We are not incorporating by reference the website or any material it includes in this pricing supplement or any document incorporated by reference herein.

As of January 13, 2020, the 2,000 companies included in the Russell 2000® Index were divided into nine Russell Global Sectors. The Russell Global Sectors include (with the approximate percentage currently included in such sectors indicated in parentheses): Consumer Discretionary (12.90%), Consumer Staples (2.38%), Financial Services (25.74%), Health Care (17.64%), Materials & Processing (6.57%), Other Energy (3.19%), Producer Durables (14.35%), Technology (12.97%) and Utilities (4.26%). (Sector designations are determined by the underlier sponsor using criteria it has selected or developed. Index sponsors may use very different standards for determining sector designations. In addition, many companies operate in a number of sectors, but are listed in only one sector and the basis on which that sector is selected may also differ. As a result, sector comparisons between indices with different index sponsors may reflect differences in methodology as well as actual differences in the sector composition of the indices.)

The RTY includes approximately 2,000 of the smallest securities that form the Russell 3000® Index. The Russell 3000® Index is comprised of the 3,000 largest U.S. companies, or 98% based on market capitalization, of the investable U.S. equity market. The RTY is designed to track the performance of the small capitalization segment of the U.S. equity market.

Selection of Constituent Stocks of the RTY

The RTY is a sub-index of the Russell 3000® Index. To be eligible for inclusion in the Russell 3000® Index, and, consequently, the RTY, a company's stocks must be listed on the rank day in May of a given year (the timetable is announced each spring) and Russell must have access to documentation verifying the company's eligibility for inclusion. Eligible initial public offerings (“IPOs”) are added to Russell U.S. Indices quarterly, based on total market capitalization rankings within the market-adjusted capitalization breaks established during the most recent reconstitution. To be added to any Russell U.S. index during a quarter outside of reconstitution, IPOs must meet additional eligibility criteria.

A company is included in the U.S. equity markets and is eligible for inclusion in the Russell 3000® Index, and consequently, the RTY, if that company incorporates in the U.S., has its headquarters in the U.S. and also trades with the highest liquidity in the U.S. If a company does not satisfy all of the above criteria, it can still be included in the U.S. equity market if any one of the following home country indicators is in the United States: (i) country of incorporation, (ii) country of headquarters and (iii) country in which the company trades with the highest liquidity (as defined by a two-year average daily dollar trading volume from all exchanges within the country), and the primary location of that company's assets or its revenue, based on an average of two years of assets or revenues data, is also in the United States. In addition, if there is insufficient information to assign a company to the U.S. equity markets based on its assets or revenue, the company may nonetheless be assigned to the U.S. equity markets if the headquarters of the company is located in the United States or if the headquarters of the company is located in certain “benefit-driven incorporation countries”, or “BDIs”, and that company's most liquid stock exchange is in the United States. The BDI countries are Anguilla, Antigua and Barbuda, Aruba, Bahamas, Barbados, Belize, Bermuda, Bonaire, British Virgin Islands, Cayman Islands, Channel Islands, Cook Islands, Curaçao, Faroe Islands, Gibraltar, Guernsey, Isle of Man, Jersey, Liberia, Marshall Islands, Panama, Saba, Sint Eustatius, Sint Maarten and Turks and Caicos Islands. A U.S.-listed company is not eligible for inclusion within the U.S. equity market if it has been classified by the sponsor as a China N share on the rank date of the index reconstitution. A company will be considered a China N share if the



following criteria are satisfied: (i) the company is incorporated outside of the People's Republic of China, (ii) the company is listed on the NYSE, the NASDAQ or the NYSE American (formerly the NYSE MKT), (iii) over 55% of the revenue or assets of the company are derived from the People's Republic of China, and (iv) the company is controlled by a mainland Chinese entity, company or individual (if the shareholder background cannot be determined with publicly available information, the sponsor will consider whether the establishment and origin of the company are in mainland China and whether the company is headquartered in mainland China). An existing China N Share which fails one or more of the following criteria will cease to be classified as a China N share: (i) the company is no longer incorporated outside the People's Republic of China, (ii) the company is no longer listed on the NYSE, the NASDAQ exchange, or the NYSE American, (iii) the percentages of revenue and assets derived from the People's Republic of China have both fallen below 45 percent, or (iv) the company is acquired/a controlling stake is held by a non-Mainland Chinese state entity, company or individual. Only asset and revenue data from the most recent annual report is considered when evaluating whether a company should be classified a China N share (i.e., there will be no two year averaging). ADRs and ADSs are not eligible for inclusion in the RTY.

In addition, all securities eligible for inclusion in the Russell 3000® Index, and consequently, the RTY, must trade on an eligible exchange (CBOE (formerly BATS), IEX, NYSE, NYSE American (formerly NYSE MKT), NYSE Arca and NASDAQ).

Exclusions from the RTY

The sponsor specifically excludes the following companies and securities from the RTY: (i) preferred and convertible preferred stock, redeemable shares, participating preferred stock, warrants, rights, depositary receipts, installment receipts and trust receipts; (ii) royalty trusts, U.S. limited liability companies, closed-end investment companies, companies that are required to report Acquired Fund Fees and Expenses (as defined by the SEC), including business development companies, blank check companies, special-purpose acquisition companies and limited partnerships; (iii) companies with a total market capitalization less than \$30 million; (iv) companies with only a small portion of their shares available in the marketplace (companies with 5% or less of shares available); (v) bulletin board, pink sheets or over-the-counter traded securities, including securities for which prices are displayed on the FINRA ADF; (vi) real estate investment trusts and publicly traded partnerships that generate, or have historically generated, unrelated business taxable income and have not taken steps to block their unrelated business taxable income to equity holders; and (vii) companies with 5% or less of the company's voting rights in the hands of unrestricted shareholders (existing constituents that do not currently have more than 5% of the company's voting rights in the hands of unrestricted shareholders have until the September 2022 review to meet this requirement).

Initial List of Eligible Securities

The primary criterion the sponsor uses to determine the initial list of securities eligible for the Russell 3000® Index and, consequently, the RTY, is total market capitalization, which is calculated by multiplying the total outstanding shares for a company by the market price as of the rank day for those securities being considered at annual reconstitution. IPOs may be added between constitutions as noted below. All common stock share classes are combined in determining a company's total shares outstanding. If multiple share classes have been combined, the number of total shares outstanding will be multiplied by the primary exchange close price and used to determine the company's total market capitalization. In cases where the common stock share classes act independently of each other (e.g., tracking stocks), each class is considered for inclusion separately. Stocks must have a closing price at or above \$1.00 on their primary exchange or an eligible secondary exchange on the last trading day of May of each year to be eligible for inclusion in the RTY. In order to reduce unnecessary turnover, if an existing member's closing price is less than \$1.00 on the rank day in May, it will be considered eligible if the average of the daily closing prices from their primary exchange during the 30 days prior to the rank day is equal to or greater than \$1.00. If an existing member does not trade on the rank day, it must price at \$1.00 or above on another eligible U.S. exchange to remain eligible.

Multiple Share Classes

If an eligible company trades under multiple share classes or if a company distributes shares of an additional share class to its existing shareholders through a mandatory corporate action, each share class will be reviewed independently for inclusion. Share classes in addition to the primary vehicle (the pricing vehicle) that have a total market capitalization larger than \$30 million, an average daily dollar trading value that exceeds that of the global median, and a float greater than 5% of shares available in the market place are eligible for inclusion.

The pricing vehicle will generally be designated as the share class with the highest two-year trading volume as of the rank day. In the absence of two years' worth of data, all available data will be used for this calculation. If the difference between trading volumes for each share class is less than 20%, the share class with the most available shares outstanding will be used as the pricing vehicle. At least 100 day trading volume is necessary to consider the class as a pricing vehicle for existing members. New members will be analyzed on all available data, even if that data is for less than 100 days.

Annual Reconstitution

The RTY is reconstituted annually by the sponsor to reflect changes in the marketplace. The list of companies is ranked based on total market capitalization on the last trading day in May, with the actual reconstitution occurring on the final Friday of June each year, unless the final Friday in June is the 29th or 30th, in which case reconstitution will occur on the preceding Friday. A full calendar for reconstitution is made available each spring.

A company's total shares are multiplied by the primary exchange close price of the pricing vehicle and used to determine the company's total market capitalization for the purpose of ranking of companies and determination of index membership. If no volume exists on the primary exchange on the rank day, the last trade price from an eligible secondary exchange will be used where volume exists (using the lowest trade price above \$1.00 if multiple secondary markets exist). The company's rank will be determined based on the cumulative market capitalization. As of the June 2016 reconstitution, any share class not qualifying for eligibility independently will not be aggregated with the pricing vehicle within the available shares calculation.

For mergers and spin-offs that are effective between the rank day and the Friday prior to annual reconstitution in June, the market capitalizations of the impacted securities are recalculated and membership is reevaluated as of the effective date of the corporate action. For corporate events that occur during the final week of reconstitution (during which reconstitution is finalized Friday after U.S. market close), market capitalizations and memberships will not be reevaluated. Non index members that have been considered ineligible as of rank day will not be reevaluated in the event of a subsequent corporate action that occurs between rank day and the reconstitution effective date.

Index Calculation and Capitalization Adjustments

As a capitalization-weighted index, the RTY reflects changes in the capitalization, or market value, of the index stocks relative to the capitalization on a base date. This discussion describes the "price return" calculation of the RTY. The current RTY value is the compounded result of the cumulative daily (or monthly) return percentages, where the starting value of the RTY is equal to the base value (100) and base date (December 31, 1978). Returns between any two dates can then be derived by dividing the ending period index value (IV1) by the beginning period (IV0) index value, so that the return equals $[(IV1 / IV0) - 1] * 100$.

Constituent stocks of the RTY are weighted in the RTY by their free-float market capitalization, which is calculated by multiplying the primary closing price by the number of free-float shares. Free-float shares are shares that are available to the public for purchase as determined by the sponsor. Adjustments to shares are reviewed quarterly (including at reconstitution) and for major corporate actions such as mergers. Total shares and adjustments for available shares are based on information recorded in SEC corporate filings.

The following are excluded from free float: shares directly owned by state, regional, municipal and local governments (excluding shares held by independently managed pension schemes for governments); shares held by sovereign wealth funds where each holding is 10% or greater of the total number of shares in issue; shares held by directors, senior executives and managers of the company, and by their family and direct relations, and by companies with which they are affiliated; shares held within employee share plans; shares held by public companies or by non-listed subsidiaries of public companies; shares held by founders, promoters, former directors, founding venture capital and private equity firms, private companies and individuals (including employees) where the holding is 10% or greater of the total number of shares in issue; all shares where the holder is subject to a lock-up clause (for the duration of that clause, after which free float changes resulting from the expiry of a lock-up will be implemented at the next quarterly review subject to the lock-up expiry date occurring on or prior to the share and float change information cut-off date); shares held by an investor, investment company or an investment fund that is actively participating in the management of a company or is holding shares for publicly announced strategic reasons, or has successfully placed a current member to the board of directors of a company; and shares that are subject to ongoing contractual agreements (such as swaps) where they would ordinarily be treated as restricted. In addition, while

portfolio holdings such as pension funds, insurance funds or investment companies will generally not be considered as restricted from free float, where a single portfolio holding is 30% or greater it will be regarded as strategic and therefore restricted (and will remain restricted until the holding falls below 30%).

Corporate Actions Affecting the RTY

The sponsor adjusts the RTY on a daily basis in response to certain corporate actions and events. Therefore, a company's membership in the RTY and its weight in the RTY can be impacted by these corporate actions. The adjustment is applied based on sources of public information, including press releases and SEC filings. Prior to the completion of a corporate action or event, the sponsor estimates the effective date. The sponsor will then adjust the anticipated effective date based on public information until the date is considered final. Depending on the time on a given day that an action is determined to be final, the sponsor will generally either (1) apply the action before the open on the ex-date or (2) apply the action after providing appropriate notice. If the sponsor has confirmed the completion of a corporate action, scheduled to become effective subsequent to a rebalance, the event may be implemented in conjunction with the rebalance to limit turnover, provided appropriate notice can be given. The sponsor applies the following methodology guidelines when adjusting the RTY in response to corporate actions and events:

"No Replacement" Rule — Securities that are deleted from the RTY between reconstitution dates, for any reason (e.g., mergers, acquisitions or other similar corporate activity) are not replaced. Thus, the number of securities in the RTY over the past year will fluctuate according to corporate activity.

Mergers and Acquisitions

Adjustments due to mergers and acquisitions are applied to the RTY after the action is determined to be final. In the event that a constituent is being acquired for cash or is delisted subsequent to an index review, such constituent will be removed from the RTY in conjunction with the index review, assuming that the action is determined to be final and a minimum of two days' notice can be provided.

Between constituents: When mergers and acquisitions take place between companies that are both constituents of a Russell index for cash, the target company is deleted from the index at the last traded price. When mergers and acquisitions take place between companies that are both constituents of a Russell index for stock, the target company is deleted from the RTY and the shares of the acquiring stock are increased according to the offer terms. When mergers and acquisitions take place between companies that are both constituents of a Russell index for cash or stock or a combination thereof, the target company is deleted from the RTY and the shares of the acquiring company are simultaneously increased per the merger terms.

Between a constituent and a non-constituent: If the target company is a member of the RTY, it is deleted from the RTY and the acquiring company will be included initially in the RTY provided it is eligible in all other respects at the time of the merger, regardless of previous eligibility screenings. If the acquiring company is deemed eligible it will be added to the RTY on the effective date and the opening price will be calculated using the offer terms. When the target company is a FTSE Russell Universe member, the shares of the member acquiring company will be updated to reflect the merger. Any share update will be made giving appropriate notice.

Given sufficient market hours after the confirmation of a merger or acquisition, the sponsor effects the action after the close on the last day of trading of the target company, or at an appropriate time once the transaction has been deemed to be final.

Rights Offerings — Rights offered to shareholders are reflected in the RTY only if the subscription price of the rights is at a discount to the market price of the stock. Provided that the sponsor has been alerted to the rights offer prior to the ex-date, it will adjust the price of the stock for the value of the rights and increased shares according to the terms of the offering before the open on the ex-date.

Spin-offs — Spun-off companies are added to the parent company's index if the parent company's market value is reduced simultaneously per the spin-off valuation. Spun-off companies are added to the RTY at the same time as they are spun-off from their parent company on the ex-date of the distribution.

Initial Public Offerings — Eligible IPOs are added to the RTY based on total market capitalization ranking within the market-adjusted capitalization breaks established at the most recent annual reconstitution.

An IPO of additional share classes will be considered for eligibility and must meet the same eligibility criteria for all other multiple share classes. If at the time of the IPO the additional share class does not meet the eligibility criteria for separate index membership, it will not be added to the RTY and will subsequently be reviewed for index membership during the next annual reconstitution.

Once IPO additions have been announced, an IPO may be added to the RTY prior to the previously announced schedule, if a corporate action has deemed this to be appropriate and notice can be provided (e.g. an index member automatically receives shares via a stock distribution into a projected IPO add).

Tender Offers — A company acquired as a result of a tender offer is removed when (i) (a) offer acceptances reach 90%; (b) shareholders have validly tendered and the shares have been irrevocably accepted for payment; and (c) all pertinent offer conditions have been reasonably met and the acquirer has not explicitly stated that it does not intend to acquire the remaining shares; (ii) there is reason to believe that the remaining free float is under 5% based on information available at the time; or (iii) following completion of the offer the acquirer has stated intent to finalize the acquisition via a short-form merger, squeeze-out, top-up option or any other compulsory mechanism.

Where the conditions for index deletion are not met, the sponsor may implement a free float change based on the reported acceptance results at the expiration of the initial, subsequent or final offer period where (i) the minimum acceptance level as stipulated by the acquirer is met; (ii) shareholders have validly tendered and the shares have been irrevocably accepted for payment; (iii) all pertinent offer conditions have been reasonably met and (iv) the change to the current float factor is greater than 3%. The sponsor uses the published results of the offer to determine the new free float of the target company. If no information is published in conjunction with the results from which the sponsor can determine which shareholders have and have not tendered, the free float change will reflect the total shares now owned by the acquiring company. A minimum T+2 notice period of the change is generally provided. Any subsequent disclosure on the updated shareholder structure will be reviewed during the quarterly review cycle. If the offer includes a stock consideration, the acquiring company's shares will be increased proportionate to the free float change of the target company. If the target company's free float change is greater than 3%, the associated change to the acquiring company's shares will be implemented regardless of size. Additionally, if the change to the target company is less than 3%, then no change will be implemented to the target or the acquiring company at the time of the event, regardless of any change to the acquiring company's shares. The target company will then be deleted as a second-step, if the conditions for deletion are achieved at the expiration of a subsequent offer period.

In the event that a tender offer results in an additional listed and active "tendered" line prior to the tendered shares being accepted and exchanged for settlement, the sponsor will generally evaluate the following factors to determine whether to switch to the tendered line: (i) the objective of the offer is to fully acquire and delist the target company (and the sponsor is not aware of any obstacles designed to prevent this objective; e.g. there are no major shareholders who have publicly disclosed that they will not be tendering); (ii) the offer is deemed to be successful (i.e. the minimum acceptance threshold has been achieved); (iii) more than 50% of the shares subject to the offer have been tendered; (iv) there is an additional tender offer period to provide a window for index users to tender into the tendered shares' line; and (v) there are outstanding regulatory or other substantive hurdles preventing the transaction completing immediately at the conclusion of the tender offer, with the results not expected to be known for some time. Index implementation will generally occur immediately after the opening of the additional offer period (with the provision of appropriate notice) – with an informative notice published announcing the change, to supplement the information within the applicable tracker files. In the event that the tendered line is halted prior to index implementation, its close price will be updated to reflect the deal terms until implementation. In the event that the prerequisites for deletion are not achieved and the target company is retained within the index at a reduced weight, the tendered line will be removed at deal terms (if no active market) with the ordinary line being re-added at a reduced weight at its last close price.

In exceptional circumstances, any review changes due to be effective for the companies involved in a tender offer may be retracted if the sponsor becomes aware of a tender offer which is due to complete on or around the effective date of such index review changes. Such exceptional circumstances may include undue price pressure being placed on the companies involved, or if proceeding with the review changes would compromise the replicability of the index.

Delisted and Suspended Stocks — A stock will be deleted as a constituent if it is delisted from all eligible exchanges, becomes bankrupt, files for bankruptcy protection, is insolvent or is liquidated, or where evidence of a change in circumstances makes it ineligible for index inclusion. If, however, a stock is suspended, the sponsor will determine its treatment as follows:

- if a constituent is declared bankrupt without any indication of compensation to shareholders, the last traded price will be adjusted to zero value and the constituent will be removed from the RTY with notice (typically T+2 notice);
- in all other cases, a constituent will continue to be included in the RTY for a period of up to 20 business days at its last traded price;
- if a constituent continues to be suspended at the end of the 20 business day period, it will be subject to review and a decision will be taken to either allow the constituent to remain in the RTY for a further period of up to 20 business days or to remove it at zero value. In making this determination, the sponsor will take into account the stated reasons for the suspension. These reasons may include announcements made by the company regarding a pending acquisition or restructuring, and any stated intentions regarding a date for the resumption of trading;
- if the suspension period reaches 60 business days, the constituent will be removed from the index at zero value at the next index review, subject to the 60th business day of suspension occurring on or before the Friday which falls four weeks prior to the index review implementation date. Where the 60th business day of suspension occurs after such date, the constituent will be reviewed for removal at the subsequent index review;
- in certain limited circumstances where the index weight of the constituent is significant and the sponsor determines that a market-related value can be established for the suspended constituent, for example because similar company securities continue to trade, deletion may take place at the market-related value instead. In such circumstances, the sponsor will set out its rationale for the proposed treatment of the constituent at the end of the 60 business day period;
- if, following the end of the 60 business day period, a suspended constituent resumes trading in advance of the index review lock-down period (i.e., the two week period prior to the index review effective date) in March, June, September or December, the deletion notice will be rescinded and the constituent will be retained in the RTY. However, where the constituent resumes trading during the index review lock-down period, the constituent will continue to be removed from the RTY as previously announced but in these circumstances the deletion will instead be implemented at market value unless there are barriers that render a market value irreproducible. In this event, the company will continue to be removed at zero; and
- if a constituent has been removed from the RTY and trading is subsequently restored, the constituent will only be reconsidered for inclusion after a period of 12 months from its deletion. For the purposes of index eligibility it will be treated as a new issue.

Bankruptcy and Voluntary Liquidations — Companies that file for a Chapter 7 liquidation bankruptcy or have filed a liquidation plan will be removed from the RTY at the time of the bankruptcy filing (except when shareholder approval is required to finalize the liquidation plan, in which case the company will be removed once shareholder approval has been granted); whereas companies filing for a Chapter 11 reorganization bankruptcy will remain a member of the RTY, unless the company is delisted from the primary exchange, in which case normal delisting rules apply. If a company files for bankruptcy, is delisted and it can be confirmed that it will not trade on any market, including OTC, the sponsor may remove the stock at a nominal price of \$0.0001.

Stock Distributions and distributions in specie— A price adjustment for stock distributions is applied on the ex-date of the distribution. Where the sponsor is able to value a distribution in specie prior to the ex-date, a price adjustment is made to the company paying the dividend at the open on the ex-date. If no valuation of the distribution exists prior to the ex-date, no price adjustment is applied. Where the company whose holders are receiving the distribution is an index member, its shares will be increased according to the terms of the distribution. If such company is not an index member, the distributed shares will be added to the RTY until they have been settled and have listed, at which point they will be removed at the last traded price giving appropriate notice.

Special Cash Dividends — If a constituent pays out a special cash dividend, the price of the stock is adjusted to deduct the dividend amount before the open on the ex-date. No adjustment for regular cash dividends is made in the price return calculation of the RTY.

Updates to Shares Outstanding and Free Float — The sponsor reviews the RTY quarterly for updates to shares outstanding and to free floats used in calculating the RTY. The changes are implemented quarterly in March, June, September and December after the close on the third Friday of such month. The June reconstitution will be implemented on the last Friday of June (unless the last Friday occurs on the 29th or 30th of the month, in which case reconstitution will occur on the Friday prior).

In March, September and December shares outstanding and free floats are updated to reflect (i) changes greater than 1% for cumulative shares in issue changes and (ii) changes greater than 3% for cumulative free float changes. In addition, a constituent with a free float of 15% or below will not be subject to the 3% change threshold and will instead be updated if the change is greater than 1%. Updates to shares outstanding and free floats will be implemented each June regardless of size (i.e., the percentage change thresholds above will not be applied). The sponsor implements the June updates using data sourced primarily from the companies' publicly available information filed with the SEC.

Outside of the quarterly update cycle, outstanding shares and free float will be updated with at least two days' notice if prompted by primary or secondary offerings if (i) there is a USD \$1 billion investable market capitalization change related to a primary/secondary offering measured by multiplying the change to index shares by the subscription price or (ii) there is a resultant 5% change in index shares related to a primary or secondary offering and a USD \$250 million investable market capitalization change measured by multiplying the change to index shares by the subscription price. The pricing date will serve as the trigger for implementation; i.e. once FTSE Russell is aware that an offering has priced, the update will be implemented with two days' notice from market close (contingent on the thresholds described above being triggered). If discovery of the pricing date occurs more than two days after the pricing date, the update will be deferred until the next quarterly review.

If a company distributes shares of an additional share class to its existing shareholders through a mandatory corporate action, the additional share class will be evaluated for separate index membership. The new share class will be deemed eligible if the market capitalization of the distributed shares meets the minimum size requirement (the market capitalization of the smallest member of the Russell 3000E™ Index from the previous rebalance as adjusted for performance to date). If the additional share class is not eligible at the time of distribution, it will not be added to the RTY.

License Agreement

FTSE Russell has entered into a non-exclusive license agreement with us, granting us, and certain of our affiliates, in exchange for a fee, permission to use the RTY in connection with the offer and sale of the notes. We are not affiliated with FTSE Russell; the only relationship between FTSE Russell and us is the licensing of the use of the RTY (a trademark of FTSE Russell) and trademarks relating to the RTY. We do not accept any responsibility for the calculation, maintenance or publication of the RTY or any successor index.

The notes are not sponsored, endorsed, sold or promoted by FTSE Russell. FTSE Russell makes no representation or warranty, express or implied, to the owners of the notes or any member of the public regarding the advisability of investing in securities generally or in the notes particularly or the ability of the RTY to track general stock market performance or a segment of the same.

FTSE Russell's publication of the RTY in no way suggests or implies an opinion by FTSE Russell as to the advisability of investment in any or all of the securities upon which the RTY is based. FTSE Russell's only relationship to us is the licensing of certain trademarks and trade names of FTSE Russell and of the RTY which is determined, composed and calculated by FTSE Russell without regard to us or the notes. FTSE Russell is not responsible for and has not reviewed the notes nor any associated literature or publications and FTSE Russell makes no representation or warranty express or implied as to their accuracy or completeness, or otherwise. FTSE Russell reserves the right, at any time and without notice, to alter, amend, terminate or in any way change the RTY. FTSE Russell has no obligation or liability in connection with the administration, marketing or trading of the notes.

FTSE RUSSELL DOES NOT GUARANTEE THE ACCURACY AND/OR THE COMPLETENESS OF THE RTY OR ANY DATA INCLUDED THEREIN AND FTSE RUSSELL SHALL HAVE NO LIABILITY FOR ANY ERRORS, OMISSIONS, OR INTERRUPTIONS THEREIN. FTSE RUSSELL MAKES NO WARRANTY, EXPRESS OR IMPLIED, AS TO RESULTS TO BE OBTAINED BY US, INVESTORS, HOLDERS OF THE NOTES, OR ANY OTHER PERSON OR ENTITY FROM THE USE OF THE RTY OR ANY DATA INCLUDED THEREIN. FTSE RUSSELL MAKES NO EXPRESS OR IMPLIED WARRANTIES, AND EXPRESSLY DISCLAIMS ALL WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USE WITH RESPECT TO THE RTY OR ANY DATA INCLUDED THEREIN. WITHOUT LIMITING ANY OF THE FOREGOING, IN NO EVENT SHALL FTSE RUSSELL HAVE ANY LIABILITY FOR ANY SPECIAL, PUNITIVE, INDIRECT, OR CONSEQUENTIAL DAMAGES (INCLUDING LOST PROFITS), EVEN IF NOTIFIED OF THE POSSIBILITY OF SUCH DAMAGES.



Historical Information

We obtained the information regarding the historical performance of the reference asset in the graph below from Bloomberg. The graph below illustrates the performance of the reference asset from January 1, 2015 through January 24, 2020. Bloomberg reports the closing level of the reference asset to fewer decimal places than the sponsor.

We have not undertaken an independent review or due diligence of the information. The historical performance of the reference asset should not be taken as an indication of its future performance, and no assurance can be given as to the final level of the reference asset. We cannot give you assurance that the performance of the reference asset will result in any positive return on your initial investment. ***Past performance of the reference asset is not indicative of the future performance of the reference asset.***

Historical Performance of the Russell 2000® Index



SUPPLEMENTAL PLAN OF DISTRIBUTION (CONFLICTS OF INTEREST)

SCUSA, our affiliate, has agreed to purchase the notes at the principal amount and, as part of the distribution of the notes, has agreed to sell the notes to GS&Co. at the original issue price set forth on the cover of this pricing supplement. In accordance with the terms of a distributor accession letter, GS&Co. has been appointed as a distribution agent under the distribution agreement and may purchase notes from the Bank or its affiliates for sale to the public and to certain securities dealers at the original issue price set forth on the cover of this pricing supplement. GS&Co. has agreed to pay each such securities dealer a structuring fee of 0.40% of the principal amount. GS&Co. has engaged Incapital LLC to provide certain marketing services from time to time relating to notes of this type, including the notes, and has agreed to pay Incapital LLC a fee of 0.40% of the principal amount in connection with such service.

At the time we issue the notes, we will enter into certain hedging arrangements (which may include call options, put options or other derivatives) with GS&Co. or one of its affiliates.

A fee will also be paid to SIMON Markets LLC, a broker-dealer affiliated with GS&Co., in connection with the distribution of the notes.

In addition, SCUSA, GS&Co. and their respective affiliates or agents may use the accompanying product prospectus supplement to which this pricing supplement relates in market-making transactions after the initial sale of the notes. While SCUSA and GS&Co. may make markets in the notes, they are under no obligation to do so and may discontinue any market-making activities at any time without notice. See the sections titled "Supplemental Plan of Distribution (Conflicts of Interest)" in the accompanying prospectus supplement and accompanying product prospectus supplement.

The price at which you purchase the notes includes costs that the Bank, GS&Co. or our or their respective affiliates expect to incur and profits that the Bank, GS&Co. or our or their respective affiliates expect to realize in connection with hedging activities related to the notes, as set forth above. These costs and profits will likely reduce the secondary market price, if any secondary market develops, for the notes. As a result, you may experience an immediate and substantial decline in the market value of your notes on the original issue date.

Conflicts of interest

Each of SCUSA and Scotia Capital Inc. is an affiliate of the Bank and, as such, has a "conflict of interest" in this offering within the meaning of FINRA Rule 5121. In addition, the Bank will receive the gross proceeds from the initial public offering of the notes, thus creating an additional conflict of interest within the meaning of Rule 5121. Consequently, the offering is being conducted in compliance with the provisions of Rule 5121. Neither SCUSA nor Scotia Capital Inc. is permitted to sell notes in this offering to an account over which it exercises discretionary authority without the prior specific written approval of the account holder.

SCUSA, GS&Co. and their respective affiliates are full service financial institutions engaged in various activities, which may include securities trading, commercial and investment banking, financial advisory, investment management, investment research, principal investment, hedging, financing and brokerage activities. SCUSA, GS&Co. and their respective affiliates have, from time to time, performed, and may in the future perform, various financial advisory and investment banking services for the Bank, for which they received or will receive customary fees and expenses.

In the ordinary course of their various business activities, SCUSA, GS&Co. and their respective affiliates may make or hold a broad array of investments and actively trade debt and equity securities (or related derivative securities) and financial instruments (including bank loans) for their own account and for the accounts of their customers, and such investment and securities activities may involve securities and/or instruments of the Bank. SCUSA, GS&Co. and their respective affiliates may also make investment recommendations and/or publish or express independent research views in respect of such securities or instruments and may at any time hold, or recommend to clients that they acquire, long and/or short positions in such securities and instruments.

Additionally, because the dealer from which you purchase the notes is to conduct hedging activities for us in connection with the notes, that dealer may profit in connection with such hedging activities and such profit, if any, will be in addition to the compensation that the dealer receives for the sale of the notes to you. You should be aware that the potential to earn fees in connection with hedging activities may create a further incentive for the dealer to sell the notes to you in addition to the compensation they would receive for the sale of the notes.



Scotiabank

Investor Solutions



Prohibition of Sales to EEA Retail Investors

The notes are not intended to be offered, sold or otherwise made available to and should not be offered, sold or otherwise made available to any retail investor in the European Economic Area (“EEA”). For these purposes, a retail investor means a person who is one (or more) of: (i) a retail client as defined in point (11) of Article 4(1) of Directive 2014/65/EU, as amended (“MiFID II”); (ii) a customer within the meaning of Directive 2002/92/EC, as amended, where that customer would not qualify as a professional client as defined in point (10) of Article 4(1) of MiFID II; or (iii) not a qualified investor as defined in Directive 2003/71/EC, as amended. Consequently no key information document required by Regulation (EU) No 1286/2014, as amended (the “PRIIPs Regulation”), for offering or selling the notes or otherwise making them available to retail investors in the EEA has been prepared and therefore offering or selling the notes or otherwise making them available to any retail investor in the EEA may be unlawful under the PRIIPs Regulation.

MATERIAL CANADIAN INCOME TAX CONSEQUENCES

See “Supplemental Discussion of Canadian Tax Consequences” on page PS-27 of the product prospectus supplement.

MATERIAL U.S. FEDERAL INCOME TAX CONSEQUENCES

The U.S. federal income tax consequences of your investment in the notes are uncertain. There are no statutory provisions, regulations, published rulings or judicial decisions addressing the characterization for U.S. federal income tax purposes of securities with terms that are substantially the same as the notes. No ruling from the U.S. Internal Revenue Service (the “IRS”) has been sought as to the U.S. federal income tax consequences of your investment in the notes, and the following discussion is not binding on the IRS. Some of these tax consequences are summarized below, but we urge you to read the more detailed discussion under “Material U.S. Federal Income Tax Consequences” in the product prospectus supplement and to discuss the tax consequences of your particular situation with your tax advisor. This discussion is based upon the Internal Revenue Code of 1986, as amended (the “Code”), final, temporary and proposed U.S. Treasury Department (the “Treasury”) regulations, rulings and decisions, in each case, as available and in effect as of the date hereof, all of which are subject to change, possibly with retroactive effect. Tax consequences under state, local and non-U.S. laws are not addressed herein.

U.S. Tax Treatment. Pursuant to the terms of the notes, the Bank and you agree, in the absence of a statutory or regulatory change or an administrative determination or judicial ruling to the contrary, to characterize your notes as prepaid derivative contracts with respect to the reference asset. If your notes are so treated, you should generally recognize gain or loss upon the taxable disposition of your notes in an amount equal to the difference between the amount you receive at such time and the amount you paid for your notes. Such gain or loss should generally be long-term capital gain or loss if you have held your notes for more than one year (otherwise such gain or loss should be short-term capital gain or loss if held for one year or less). The deductibility of capital losses is subject to limitations.

Based on certain factual representations received from us, our special U.S. tax counsel, Cadwalader, Wickersham & Taft LLP, is of the opinion that it would be reasonable to treat your notes in the manner described above. However, because there is no authority that specifically addresses the tax treatment of the notes, it is possible that your notes could alternatively be treated for tax purposes as a single contingent payment debt instrument, or pursuant to some other characterization, such that the timing and character of your income from the notes could differ materially and adversely from the treatment described above. For example, there may be a risk that the IRS could assert that the notes should not give rise to long-term capital gain or loss because the notes offer, at least in part, short exposure to the reference asset.

Notice 2008-2. In 2007, the IRS released a notice that may affect the taxation of holders of the notes. According to Notice 2008-2, the IRS and the Treasury are actively considering whether a holder of an instrument such as the notes should be required to accrue ordinary income on a current basis, and they are seeking taxpayer comments on the subject. It is not possible to determine what guidance they will ultimately issue, if any. It is possible, however, that under such guidance, holders of the notes will ultimately be required to accrue income currently and this could be applied on a retroactive basis. The IRS and the Treasury are also considering other relevant issues, including whether additional gain or loss from such instruments should be treated as ordinary or capital, whether non-U.S. holders of such instruments should be subject to withholding tax on any deemed income accruals, and whether the special “constructive ownership rules” of Section 1260 of the Code should be applied to such instruments. Both U.S. and non U.S. holders are urged to consult their tax advisors regarding the possible consequences of the above considerations.

Medicare Tax on Net Investment Income. U.S. holders that are individuals, estates or certain trusts are subject to an additional 3.8% tax on all or a portion of their “net investment income,” or “undistributed net investment income” in the case of an estate or trust, which may include any income or gain with respect to the notes, to the extent of their net investment income or undistributed net investment income (as the case may be) that, when added to their other modified adjusted gross income, exceeds \$200,000 for an unmarried individual, \$250,000 for a married taxpayer filing a joint return (or a surviving spouse), \$125,000 for a married individual filing a separate return or the dollar amount at which the highest tax bracket begins for an estate or trust. The 3.8% Medicare tax is determined in a different manner than the regular income tax. U.S. holders should consult their tax advisors as to the consequences of the 3.8% Medicare tax.

Specified Foreign Financial Assets. U.S. holders may be subject to reporting obligations with respect to their notes if they do not hold their notes in an account maintained by a financial institution and the aggregate value of their notes and certain other “specified foreign financial assets” (applying certain attribution rules) exceeds an applicable threshold. Significant penalties can apply if a U.S. holder is required to disclose its notes and fails to do so.

Non-U.S. Holders. If you are a non-U.S. holder, subject to Section 871(m) of the Code and FATCA, discussed below, you should generally not be subject to U.S. withholding tax with respect to payments on your notes or to generally applicable information reporting and backup withholding requirements with respect to payments on your notes if you comply with certain certification and identification requirements as to your non-U.S. status including providing us (and/or the applicable withholding agent) a properly executed and fully completed applicable IRS Form W-8. Subject to Section 897 of the Code and Section 871(m) of the Code, as discussed below, gain from taxable disposition of the notes generally will not be subject to U.S. tax unless (i) such gain is effectively connected with a trade or business conducted by you in the U.S., (ii) you are a non-resident alien individual and are present in the U.S. for 183 days or more during the taxable year of such taxable disposition and certain other conditions are satisfied or (iii) you have certain other present or former connections with the U.S.

Section 897. We will not attempt to ascertain whether the issuer of any reference asset constituent stock would be treated as a “United States real property holding corporation” (“USRPHC”) within the meaning of Section 897 of the Code. We also have not attempted to determine whether the notes should be treated as “United States real property interests” (“USRPI”) as defined in Section 897 of the Code. If any such entity and/or the notes were so treated, certain adverse U.S. federal income tax consequences could possibly apply, including subjecting any gain realized by a non-U.S. holder in respect of the notes upon a taxable disposition (including cash settlement) of the notes to U.S. federal income tax on a net basis, and the proceeds from such a taxable disposition to a withholding tax. Non-U.S. holders should consult their tax advisors regarding the potential treatment of any such entity as a USRPHC and/or the notes as USRPI.

Section 871(m). A 30% withholding tax (which may be reduced by an applicable income tax treaty) is imposed under Section 871(m) of the Code on certain “dividend equivalents” paid or deemed paid to a non-U.S. holder with respect to a “specified equity-linked instrument” that references one or more dividend-paying U.S. equity securities or indices containing U.S. equity securities. The withholding tax can apply even if the instrument does not provide for payments that reference dividends. Treasury regulations provide that the withholding tax applies to all dividend equivalents paid or deemed paid on specified equity-linked instruments that have a delta of one (“delta-one specified equity-linked instruments”) issued after 2016 and to all dividend equivalents paid or deemed paid on all other specified equity-linked instruments issued after 2018. However, the IRS has issued guidance that states that the Treasury and the IRS intend to amend the effective dates of the Treasury regulations to provide that withholding on dividend equivalents paid or deemed paid will not apply to specified equity-linked instruments that are not delta-one specified equity-linked instruments and are issued before January 1, 2023.

Based on our determination that the notes are not “delta-one” with respect to the reference asset or any reference asset constituent stocks, our special U.S. tax counsel is of the opinion that the notes should not be delta-one specified equity-linked instruments and thus should not be subject to withholding on dividend equivalents. Our determination is not binding on the IRS, and the IRS may disagree with this determination. Furthermore, the application of Section 871(m) of the Code will depend on our determinations made upon issuance of the notes. If withholding is required, we will not make payments of any additional amounts.

Nevertheless, after issuance, it is possible that your notes could be deemed to be reissued for tax purposes upon the occurrence of certain events affecting the reference asset, any reference asset constituent stocks or your notes, and following such occurrence your notes could be treated as delta-one specified equity-linked instruments that are subject to withholding on dividend equivalents. It is also possible that withholding tax or other tax under Section 871(m) of the Code could apply to the notes under these rules if you enter, or have entered, into certain other transactions in respect of the reference asset, any reference asset constituent stocks or the notes. If you enter, or have entered, into other transactions in respect of the reference asset, any reference asset constituent stocks or the notes, you should consult your tax advisor regarding the application of Section 871(m) of the Code to your notes in the context of your other transactions.

Because of the uncertainty regarding the application of the 30% withholding tax on dividend equivalents to the notes, you are urged to consult your tax advisor regarding the potential application of Section 871(m) of the Code and the 30% withholding tax to an investment in the notes.

U.S. Federal Estate Tax Treatment of Non-U.S. Holders. A note may be subject to U.S. federal estate tax if an individual non-U.S. holder holds the note at the time of his or her death. The gross estate of a non-U.S. holder domiciled outside the U.S. includes only property situated in the U.S. Individual non-U.S. holders should consult their tax advisors regarding the U.S. federal estate tax consequences of holding the notes at death.

FATCA. The Foreign Account Tax Compliance Act ("FATCA") was enacted on March 18, 2010, and imposes a 30% U.S. withholding tax on "withholdable payments" (i.e., certain U.S.-source payments, including interest (and original issue discount), dividends, other fixed or determinable annual or periodical gain, profits, and income, and on the gross proceeds from a disposition of property of a type which can produce U.S.-source interest or dividends) and "passthru payments" (i.e., certain payments attributable to withholdable payments) made to certain foreign financial institutions (and certain of their affiliates) unless the payee foreign financial institution agrees (or is required), among other things, to disclose the identity of any U.S. individual with an account at the institution (or the relevant affiliate) and to annually report certain information about such account. FATCA also requires withholding agents making withholdable payments to certain foreign entities that do not disclose the name, address, and taxpayer identification number of any substantial U.S. owners (or do not certify that they do not have any substantial U.S. owners) to withhold tax at a rate of 30%. Under certain circumstances, a holder may be eligible for refunds or credits of such taxes.

Pursuant to final and temporary Treasury regulations and other IRS guidance, the withholding and reporting requirements under FATCA will generally apply to certain "withholdable payments", will not apply to gross proceeds on a sale or disposition and will apply to certain foreign passthru payments only to the extent that such payments are made after the date that is two years after final regulations defining the term "foreign passthru payment" are published. If withholding is required, we (or the applicable paying agent) will not be required to pay additional amounts with respect to the amounts so withheld. Foreign financial institutions and non-financial foreign entities located in jurisdictions that have an intergovernmental agreement with the U.S. governing FATCA may be subject to different rules.

Investors should consult their own advisors about the application of FATCA, in particular if they may be classified as financial institutions (or if they hold their notes through a foreign entity) under the FATCA rules.

Proposed Legislation. In 2007, legislation was introduced in Congress that, if it had been enacted, would have required holders of notes purchased after the bill was enacted to accrue interest income over the term of the notes despite the fact that there will be no interest payments over the term of the notes.

Furthermore, in 2013, the House Ways and Means Committee released in draft form certain proposed legislation relating to financial instruments. If it had been enacted, the effect of this legislation generally would have been to require instruments such as the notes to be marked to market on an annual basis with all gains and losses to be treated as ordinary, subject to certain exceptions.

It is impossible to predict whether any similar or identical bills will be enacted in the future, or whether any such bill would affect the tax treatment of your notes. You are urged to consult your tax advisor regarding the possible changes in law and their possible impact on the tax treatment of your notes.

Both U.S. and non-U.S. holders should consult their tax advisors regarding the U.S. federal income tax consequences of an investment in the notes, as well as any tax consequences arising under the laws of any state, local or non-U.S. taxing jurisdiction (including that of the Bank).



VALIDITY OF THE NOTES

In the opinion of Cadwalader, Wickersham & Taft LLP, as special counsel to the issuer, when the notes offered by this pricing supplement have been executed and issued by the issuer and authenticated by the trustee pursuant to the indenture and delivered, paid for and sold as contemplated herein, the notes will be valid and binding obligations of the issuer, enforceable against the issuer in accordance with their terms, subject to applicable bankruptcy, insolvency, fraudulent conveyance, reorganization, moratorium, receivership or other laws relating to or affecting creditors' rights generally, and to general principles of equity (regardless of whether enforcement is sought in a proceeding at law or in equity). This opinion is given as of the date hereof and is limited to the laws of the State of New York. Insofar as this opinion involves matters governed by Canadian law, Cadwalader, Wickersham & Taft LLP has assumed, without independent inquiry or investigation, the validity of the matters opined on by Osler, Hoskin & Harcourt LLP, Canadian legal counsel for the issuer, in its opinion expressed below. In addition, this opinion is subject to customary assumptions about the trustee's authorization, execution and delivery of the indenture and, with respect to the notes, authentication of the notes and the genuineness of signatures and certain factual matters, all as stated in the opinion of Cadwalader, Wickersham & Taft LLP dated November 30, 2018 filed with the SEC as Exhibit 5.3 to the Registration Statement on Form F-3 on November 30, 2018.

In the opinion of Osler, Hoskin & Harcourt LLP, the issue and sale of the notes has been duly authorized by all necessary corporate action of BNS in conformity with the Indenture, and when the notes have been duly executed, authenticated and issued in accordance with the Indenture, the notes will be validly issued and, to the extent validity of the notes is a matter governed by the laws of the Province of Ontario, or the laws of Canada applicable therein, and will be valid obligations of BNS, subject to the following limitations (i) the enforceability of the Indenture may be limited by the Canada Deposit Insurance Corporation Act (Canada), the Winding-up and Restructuring Act (Canada) and bankruptcy, insolvency, reorganization, receivership, moratorium, arrangement or winding-up laws or other similar laws affecting the enforcement of creditors' rights generally; (ii) the enforceability of the Indenture may be limited by equitable principles, including the principle that equitable remedies such as specific performance and injunction may only be granted in the discretion of a court of competent jurisdiction; (iii) pursuant to the Currency Act (Canada) a judgment by a Canadian court must be awarded in Canadian currency and that such judgment may be based on a rate of exchange in existence on a day other than the day of payment; and (iv) the enforceability of the Indenture will be subject to the limitations contained in the Limitations Act, 2002 (Ontario), and such counsel expresses no opinion as to whether a court may find any provision of the Indenture to be unenforceable as an attempt to vary or exclude a limitation period under that Act. This opinion is given as of the date hereof and is limited to the laws of the Province of Ontario and the federal laws of Canada applicable thereto. In addition, this opinion is subject to customary assumptions about the Trustees' authorization, execution and delivery of the Indenture and the genuineness of signatures and certain factual matters, all as stated in the letter of such counsel dated November 30, 2018, which has been filed as Exhibit 5.2 to BNS's Form F-3 filed with the SEC on November 30, 2018.

Product Prospectus Supplement dated December 26, 2018
(to the Prospectus Supplement dated December 26, 2018
and the Prospectus dated December 26, 2018)



The Bank of Nova Scotia
Senior Note Program, Series A
EQUITY LINKED INDEX NOTES, SERIES A

The Bank of Nova Scotia (the “Bank”) may offer and sell equity linked index notes (the “notes”) from time to time. The accompanying prospectus dated December 26, 2018 (the “prospectus”) and the accompanying prospectus supplement dated December 26, 2018 (together with the accompanying prospectus, the accompanying “program prospectus”) describe terms that will apply generally to the notes, including any notes you purchase. A separate pricing supplement (the applicable “pricing supplement”) will describe the terms that apply specifically to your notes, including any changes to the terms specified below. If there is any inconsistency between the terms of the notes described in the accompanying prospectus, the accompanying prospectus supplement, this product prospectus supplement, and the applicable pricing supplement, the following hierarchy will govern: first, the applicable pricing supplement; second, this product prospectus supplement; third, the accompanying prospectus supplement; and last, the accompanying prospectus.

The notes are senior unsecured debt securities of the Bank linked to the performance of one or more equity indices (each, a “Reference Asset”) specified in the applicable pricing supplement. If the Reference Asset of your notes is a basket consisting of more than one equity index, we may refer to the Reference Asset as a “Basket” and each applicable component of the Reference Asset as a “Basket Component.” The payment at maturity on your notes will be based on the performance of the Reference Asset during the term of your notes. The notes are generally designed for investors who are seeking exposure to the Reference Asset and who anticipate that the level of the Reference Asset will increase (or, in the case of bearish notes, decrease) from its Initial Level to the Final Level on the applicable valuation date or dates. Investors must be willing to forego any interest payments on the notes and be willing to accept a return that may be negative, in which case you may receive at maturity less, and possibly significantly less, than your principal and you could lose all of your investment.

THE NOTES DO NOT GUARANTEE ANY RETURN OF PRINCIPAL AT MATURITY. ANY PAYMENT TO BE MADE ON THE NOTES, INCLUDING ANY REPAYMENT OF PRINCIPAL, DEPENDS ON THE ABILITY OF THE BANK TO SATISFY ITS OBLIGATIONS AS THEY COME DUE. YOU ARE SUBJECT TO A RISK TO ALL OR A PORTION OF YOUR INVESTMENT IN THE NOTES, AS DESCRIBED IN MORE DETAIL BELOW.

The notes will not be listed on any securities exchange or quotation system, unless otherwise specified in the applicable pricing supplement.

You should read this product prospectus supplement, the applicable pricing supplement and the accompanying program prospectus carefully before you invest in any of the notes.

Your investment in the notes involves certain risks. See “Additional Risk Factors Specific to the Notes” beginning on page PS-6 to read about investment risks relating to the notes. In addition, see “Risk Factors” beginning on page S-2 of the accompanying prospectus supplement and page 5 of the accompanying prospectus. Unless otherwise specified in the applicable pricing supplement, the principal of the notes is not protected and you could lose some or all of your investment.

The price at which you purchase the notes will likely include hedging costs and profits and underwriting commissions that the Bank or its affiliates expect to incur or realize, and such amounts will be described in the applicable pricing supplement. These amounts will reduce the secondary market price, if any secondary market develops, for the notes. As a result, you will experience an immediate decline in the value of your notes on the issue date.

Neither the Securities and Exchange Commission (the “SEC”) nor any other regulatory body has approved or disapproved of these notes or passed upon the adequacy or accuracy of this product prospectus supplement, the accompanying prospectus supplement, or the accompanying prospectus. Any representation to the contrary is a criminal offense.

The notes will not constitute deposits that are insured under the *Canada Deposit Insurance Corporation Act* (Canada) or by the United States Federal Deposit Insurance Corporation or any other governmental agency or instrumentality.

The Bank may sell the notes directly or through one or more agents or dealers. The agents are not required to sell any particular amount of the notes. See “Supplemental Plan of Distribution (Conflicts of Interest)” in this product prospectus supplement and the accompanying prospectus supplement and “Plan of Distribution (Conflicts of Interest)” in the accompanying prospectus.

The Bank may use this product prospectus supplement in the initial sale of any notes. In addition, Scotia Capital (USA) Inc. (“SCUSA”), other agents, or any of our or their respective affiliates may use this product prospectus supplement or the accompanying program prospectus in a market-making or other transaction in any note after its initial sale. ***Unless the Bank or an agent informs the purchaser otherwise in the confirmation of sale or applicable pricing supplement, this product prospectus supplement and the accompanying program prospectus are being used in a market-making transaction.***

Scotia Capital (USA) Inc.

Product Prospectus Supplement dated December 26, 2018

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You should rely only on the information incorporated by reference or provided in this product prospectus supplement, the accompanying prospectus supplement and the applicable pricing supplement (collectively, the “applicable supplements”), and the accompanying prospectus. We have not authorized anyone to provide you with different information. The aforementioned documents do not constitute an offer to sell or a solicitation of an offer to buy any securities other than the notes described in the applicable supplements nor do they constitute an offer to sell or a solicitation of an offer to buy such notes in any jurisdiction to any person to whom it is unlawful to make such offer or solicitation in such jurisdiction. The delivery of the accompanying prospectus and any applicable supplement at any time does not imply that the information they contain is correct as of any time subsequent to their respective dates.

SUMMARY

In this product prospectus supplement, references to the “prospectus” or the “accompanying prospectus” mean the accompanying prospectus, dated December 26, 2018, references to the “prospectus supplement” or the “accompanying prospectus supplement” mean the accompanying prospectus supplement, dated December 26, 2018 and references to the “program prospectus” or “accompanying program prospectus” mean, together, the accompanying prospectus and prospectus supplement. References to the “applicable pricing supplement” mean the pricing supplement that describes the specific terms of your notes.

This section is meant as a summary and should be read in conjunction with the accompanying program prospectus and the applicable pricing supplement to help you understand the notes. This product prospectus supplement, together with the accompanying program prospectus and the applicable pricing supplement, contains the terms of the notes and supersedes all prior or contemporaneous oral statements as well as any other written materials relating to the notes, including preliminary or indicative pricing terms, correspondence, trade ideas, structures for implementation, sample structures, brochures or other educational materials. If there is any inconsistency between the terms of the notes described in the accompanying prospectus, the accompanying prospectus supplement, this product prospectus supplement, and the applicable pricing supplement, the following hierarchy will govern: first, the applicable pricing supplement; second, this product prospectus supplement; third, the accompanying prospectus supplement; and last, the accompanying prospectus.

An investment in the notes entails significant risks. You should carefully consider, among other things, the matters set forth under “Additional Risk Factors Specific to the Notes” herein and “Risk Factors” in the accompanying prospectus supplement and the accompanying prospectus. Before investing in the notes, we urge you to consult your investment, legal, tax, accounting and other advisors.

Unless otherwise specified in the applicable supplement:

- *all dollar amounts are expressed in U.S. dollars;*
- *“the Bank”, “we”, “us” and “our” mean The Bank of Nova Scotia together, where the context requires, with its subsidiaries; and*
- *“you”, “your” and “holder” means a prospective purchaser or a purchaser of notes, or a beneficial or registered holder of notes, provided that a reference to “registered holder” means a registered holder of notes (see “Legal Ownership and Book-Entry Issuance” and “Description of the Debt Securities We May Offer” in the accompanying prospectus and “Global Notes” under the heading “Description of the Notes” in the accompanying prospectus supplement).*

The information in this “Summary” section is qualified by the more detailed information set forth in this product prospectus supplement, the accompanying program prospectus, as well as the applicable pricing supplement.

Issuer: The Bank of Nova Scotia (the “Bank”).

Issue: Senior Notes, Equity Linked Index Notes, Series A.

Reference Asset or Basket: As specified in the applicable pricing supplement.

Principal Amount: Unless otherwise specified in the applicable pricing supplement, \$1,000 per note.

Minimum Investment: As specified in the applicable pricing supplement.

Denominations: Unless otherwise specified in the applicable pricing supplement, the notes will be issued in denominations of \$1,000 and integral multiples in excess of \$1,000.

Interest Payable: None, unless otherwise specified in the applicable pricing supplement.

Interest Rate (coupon):If applicable, as specified in the applicable pricing supplement.

Interest Payment Dates:If applicable, as specified in the applicable pricing supplement.

Payment at Maturity:.....Unless otherwise specified in the applicable pricing supplement, the payment at maturity for a note will be based on the performance of the Reference Asset, and will be calculated as follows:

Payment at Maturity in Excess of Principal Amount

If the Final Level is **greater than or equal to** (or, in the case of bearish notes, **less than or equal to**) the Initial Level, then, at maturity, you will receive an amount equal to:

$$\text{Principal Amount} + (\text{Principal Amount} \times \text{Percentage Change})$$

- (a) If the applicable pricing supplement specifies that a “Participation Rate” is applicable to your notes, then the payment at maturity will be calculated as follows:

$$\text{Principal Amount} + (\text{Principal Amount} \times \text{Percentage Change} \times \text{Participation Rate})$$

- (b) If the applicable pricing supplement specifies that a “Booster Coupon” is applicable to your notes:

1. If the Percentage Change is greater than the Booster Percentage, then the payment at maturity will equal:

$$\text{Principal Amount} + (\text{Principal Amount} \times \text{Percentage Change})$$

2. If the Percentage Change is greater than or equal to 0% but less than or equal to the Booster Percentage, then the payment at maturity will equal:

$$\text{Principal Amount} + (\text{Principal Amount} \times \text{Booster Percentage})$$

- (c) If the applicable pricing supplement specifies that a cap is applicable to your notes, then the payment at maturity will not exceed the Maximum Redemption Amount set forth in the applicable pricing supplement.

- (d) If the applicable pricing supplement specifies that a “Digital Coupon” is applicable to your notes and the applicable conditions are satisfied, then the payment at maturity will equal:

$$\text{Principal Amount} + (\text{Principal Amount} \times \text{Digital Coupon})$$

Payment at Maturity Less Than or Equal to Principal Amount

If the Final Level is **less than** (or, in the case of bearish notes, **greater than**) the Initial Level, then, at maturity, you will receive less than the Principal Amount of your notes, incurring a loss on your investment of principal. In such a case, the payment at maturity will equal:

$$\text{Principal Amount} + (\text{Principal Amount} \times \text{Percentage Change})$$

(a) If the applicable pricing supplement specifies that a “Buffer” is applicable to your notes:

1. If the Final Level is greater than or equal to (or, in the case of bearish notes, less than or equal to) the Buffer Level, then the payment at maturity will equal the Principal Amount of your notes.
2. If the Final Level is less than (or, in the case of bearish notes, greater than) the Buffer Level, then the payment at maturity will equal:

$$\text{Principal Amount} + [\text{Principal Amount} \times (\text{Percentage Change} + \text{Buffer Percentage})]$$

(b) If the applicable pricing supplement specifies that a “Barrier” is applicable to your notes:

1. If no Barrier Event has occurred, then the payment at maturity will equal the Principal Amount of your notes.
2. If a Barrier Event has occurred, then the payment at maturity will equal:

$$\text{Principal Amount} + (\text{Principal Amount} \times \text{Percentage Change})$$

Percentage Change: The Percentage Change, expressed as a percentage, is calculated as follows:

$$\frac{\text{Final Level} - \text{Initial Level}}{\text{Initial Level}}$$

If your notes are bearish notes, the Percentage Change will be calculated as follows:

$$\frac{\text{Initial Level} - \text{Final Level}}{\text{Initial Level}}$$

For the avoidance of doubt, the Percentage Change may be a negative value.

Maximum Redemption Amount: As specified in the applicable pricing supplement, if applicable.

Participation Rate: As specified in the applicable pricing supplement, if applicable.

Booster Percentage: A specified percentage increase (or, in the case of bearish notes, decrease) in the level of the Reference Asset. The Booster Percentage will be set forth in the applicable pricing supplement, if applicable.

Digital Coupon: A percentage that will be specified in the applicable pricing supplement, if applicable.

Buffer Level: A specified level of the Reference Asset that is less than (or, in the case of bearish notes, greater than) the Initial Level. The Buffer Level will be a percentage of the Initial Level and set forth in the applicable pricing supplement, if applicable.

Buffer Percentage:.....A specified percentage that will be set forth in the applicable pricing supplement, if applicable. For example, if the Buffer Level is 90% of the Initial Level, the Buffer Percentage will be 10%.

Barrier Level:.....A specified level of the Reference Asset that is less than (or, in the case of bearish notes, greater than) the Initial Level. The Barrier Level will be a percentage of the Initial Level and set forth in the applicable pricing supplement, if applicable.

Barrier Event:.....Depending upon the terms set forth in the applicable pricing supplement, a Barrier Event will occur if:

- (i) the Final Level is less than (or, in the case of bearish notes, greater than) the Initial Level, and
 - (a) for notes subject to Intra-Day Monitoring, at any time during the Monitoring Period, the level of the Reference Asset is less than (or, in the case of bearish notes, greater than) the Barrier Level, or
 - (b) for notes subject to Close of Trading Day Monitoring, on any trading day during the Monitoring Period, the closing level of the Reference Asset is less than (or, in the case of bearish notes, greater than) the Barrier Level, or
 - (c) for notes subject to Final Valuation Date Monitoring, the Final Level is less than (or, in the case of bearish notes, greater than) the Barrier Level.

Monitoring Period:As specified in the applicable pricing supplement, if applicable.

Initial Level:As specified in the applicable pricing supplement.

Final Level:.....The closing level of the Reference Asset on the valuation date (if there is one valuation date applicable to the notes) or the arithmetic average of the closing levels of the Reference Asset on each of the valuation dates (if there is more than one valuation date applicable to the notes), or any other dates specified in the applicable pricing supplement.

Pricing Date:As specified in the applicable pricing supplement.

Issue Date:As specified in the applicable pricing supplement.

Valuation Date(s):.....The valuation date, or if there is more than one valuation date, the valuation dates and final valuation date, will be specified in the applicable pricing supplement and subject to postponement in the event of a market disruption event as described under “General Terms of the Notes — Unavailability of the Level of the Reference Asset on a Valuation Date” and “— Valuation Date”.

Maturity Date:As specified in the applicable pricing supplement.

CUSIP:.....As specified in the applicable pricing supplement.

Clearance and Settlement:DTC global (including through its indirect participants Euroclear and Clearstream, Luxembourg, as described under “Legal Ownership and Book-Entry Issuance” in the accompanying prospectus).

Listing:.....The notes will not be listed on any securities exchange or quotation system, unless otherwise specified in the applicable pricing supplement.

Calculation Agent:.....Scotia Capital Inc., unless otherwise specified in the applicable pricing supplement.

ADDITIONAL RISK FACTORS SPECIFIC TO THE NOTES

An investment in your notes is subject to the risks described below, as well as the risks described under “Risk Factors” in the accompanying prospectus and the accompanying prospectus supplement. Your notes are not secured debt and are riskier than ordinary unsecured debt securities. Also, investing in your notes is not equivalent to investing directly in the applicable Reference Asset. You should carefully consider whether the notes are suited to your particular circumstances. This product prospectus supplement should be read together with the accompanying program prospectus and the applicable pricing supplement. If there is any inconsistency between the terms of the notes described in the accompanying prospectus, the accompanying prospectus supplement, this product prospectus supplement, and the applicable pricing supplement, the following hierarchy will govern: first, the applicable pricing supplement; second, this product prospectus supplement; third, the accompanying prospectus supplement; and last, the accompanying prospectus. 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 product prospectus supplement, the accompanying program prospectus and the applicable pricing supplement, before investing in the notes.

General Risks Relating to the Notes

Your Investment in the Notes May Result in a Complete Loss of Your Investment.

The notes do not guarantee any return of principal. The amount payable on the notes at maturity will depend primarily on the Percentage Change in the level of the Reference Asset from the Initial Level to the Final Level. Because the level of the Reference Asset will be subject to market fluctuations, the return on your notes at maturity may be less, and possibly significantly less, than the Principal Amount per note. If the Final Level is less than (or, in the case of bearish notes, greater than) the Initial Level (and, in the case of notes with a buffer, less than (or, in the case of bearish notes with a buffer, greater than) the Buffer Level) or a Barrier Event has occurred (as applicable), the return on your notes will be less, and possibly significantly less, than your principal and you could lose all of your investment. This will be the case even if the level of the Reference Asset is greater than (or, in the case of bearish notes, less than) the Initial Level at certain periods during the term of the notes. You may lose all or a substantial portion of the amount that you invested to purchase the notes.

The Contingent Repayment of Principal Applies Only at Maturity.

You will receive the Principal Amount of your notes at maturity only if, (i) in the case of notes with a buffer, the Final Level is greater than or equal to (or, in the case of bearish notes with a buffer, less than or equal to) the Buffer Level and (ii) in the case of notes with a barrier, a Barrier Event has not occurred. If the Final Level is less than (or, in the case of bearish notes, greater than) the Buffer Level or a Barrier Event has occurred, as applicable, you will receive at maturity less, and possibly significantly less, than your principal and you could lose all of your investment.

The Notes Are Not Expected to Pay Interest and Your Return May Be Lower than the Return on a Conventional Debt Security of Comparable Maturity.

Unless otherwise specified in the applicable pricing supplement, there will be no periodic interest payments on the notes as there would be on a conventional fixed-rate or floating-rate debt security having the same maturity. If the applicable pricing supplement specifies potential interest payments, the interest payments may be capped or be based on a formula linked to changes in the Reference Asset that results in interest payments equaling zero. The return that you will receive on your notes, which could be negative, may be less than the return you could earn on other investments. Even if your return is positive, your return may be less than the return you would earn if you bought a conventional interest bearing senior debt security of the Bank with the same maturity date or if you invested directly in the Reference Asset. Your investment may not reflect the full opportunity cost to you when you take into account factors that affect the time value of money.

Your Potential Payment at Maturity May Be Limited.

If your notes are subject to a cap or a Digital Coupon or a Participation Rate that is less than 100%, they will provide less opportunity to participate in the appreciation (or, in the case of bearish notes, depreciation) of the Reference Asset than an investment in a security linked to the Reference Asset providing full participation in the appreciation (or, in the case of bearish notes, depreciation), because the payment at maturity will not exceed the Maximum Redemption Amount or the Principal Amount plus Digital Coupon, as applicable, or because the payment at maturity does not reflect at least 100% participation in the performance of the Reference Asset. Accordingly, your return on the notes may be less than your return would be if you made an investment in a security that provides full participation in the positive (or, in the case of bearish notes, negative) performance of the Reference Asset.

Owning the Notes Is Not the Same as Owning the Reference Asset or its Components or a Security Directly Linked to the Performance of the Reference Asset or its Components.

The return on your notes will not reflect the return you would realize if you actually owned the Reference Asset or its constituents (the “Reference Asset Constituents”) or a security that provides full participation in the performance of the Reference Asset or the Reference Asset Constituents and held that investment for a similar period because:

- your notes may be subject to a cap or Digital Coupon, or a Participation Rate of less than 100%;
- unless otherwise specified in the applicable pricing supplement, you will not receive or be entitled to receive any dividend payments or other distributions during the term of the notes, and any such dividends or distributions will not be factored into the calculation of any payment on your notes; and
- you will not have voting rights or any other rights that a holder of any applicable Reference Asset Constituent may have.

Your notes may trade or be valued quite differently from the Reference Asset. Changes in the level of the Reference Asset may not result in comparable changes in the market value of your notes. Even if the level of the Reference Asset increases (or, in the case of bearish notes, decreases) from the Initial Level during the term of the notes, the market value of the notes prior to maturity may not increase to the same extent. It is also possible for the market value of the notes prior to maturity to decrease while the level of the Reference Asset increases (or, in the case of bearish notes, decreases).

There May Not Be an Active Trading Market for the Notes—Sales in the Secondary Market May Result in Significant Losses.

There may be little or no secondary market for the notes. The notes will not be listed on any securities exchange or quotation system, unless otherwise specified in the applicable pricing supplement. SCUSA, other agents, or any other of our or their respective affiliates may make a market for the notes; however, they are not required to do so and may stop any market-making activities at any time. Even if a secondary market for the notes develops, it may not provide significant liquidity or trade at prices advantageous to you and as a result you may not be able to sell your notes in the secondary market. We expect that transaction costs in any secondary market would be high. As a result, the difference between bid and ask prices for your notes in any secondary market could be substantial. **If you sell your notes before maturity, you may have to do so at a substantial discount from the issue price even if the level of the Reference Asset is higher than the Initial Level, Buffer Level or Barrier, as applicable, and as a result, you may suffer substantial losses.**

The Market Value of Your Notes May Be Influenced by Many Unpredictable Factors.

The following and other factors, which are beyond our control, may influence the market value of your notes:

- the level of the Reference Asset, including, in the case of notes that have a buffer, whether the level of the Reference Asset trades or closes at a level below the Buffer Level or, in the case of notes that have a Barrier, whether a Barrier Event has occurred;
- if your notes are subject to a cap or a Digital Coupon;

- if your notes are subject to a Participation Rate not equal to 100%;
- the volatility (*i.e.*, the frequency and magnitude of changes) of the level of the Reference Asset;
- the dividend rate on the applicable Reference Asset Constituents;
- economic, financial, political, military, regulatory, legal and other events that affect the applicable securities markets generally and the U.S. markets in particular, and which may affect the level of the Reference Asset;
- if the Reference Asset includes one or more indices that have returns that are calculated based upon currencies other than the U.S. dollar or prices in one or more non-U.S. markets, changes in, and the volatility of, the exchange rates between the U.S. dollar and the relevant non-U.S. currency or currencies could have a negative impact on the payments due on your notes and their market value;
- interest and yield rates in the market; and
- the time remaining to maturity of the notes.

These and other factors may influence the market value of your notes if you sell your notes before maturity. Our creditworthiness, as represented by our credit ratings or as otherwise perceived in the market, will also affect the market value of your notes. If you sell your notes prior to maturity, you may receive substantially less than the Principal Amount of your notes.

Payments on the Notes Are Subject to Our Credit Risk, and Changes in Our Credit Ratings Are Expected to Affect the Market Value of the Notes.

The notes are the Bank's senior unsecured debt securities and are not, either directly or indirectly, an obligation of any third party. Any payment to be made on the notes, including any repayment of principal at maturity, depends on the ability of the Bank to satisfy its obligations as they come due. As a result, the Bank's actual and perceived creditworthiness may affect the market value of the notes. This will be the case even if the level of the Reference Asset increases (or, in the case of bearish notes, decreases) after the pricing date. No assurance can be given as to what our financial condition will be at any time during the term of the notes, or at maturity.

If Your Notes Are Linked to a Basket, Changes in the Level of One or More Basket Components May Be Offset by Changes in the Level of One or More Other Basket Components.

Your notes may be linked to a Basket. In such a case, a change in the levels of one or more Basket Components may not correlate with changes in the levels of one or more other Basket Components. The level of one or more Basket Components may increase, while the level of one or more other Basket Components may not increase as much, or may even decrease. The opposite changes may occur in the case of bearish notes. Therefore, in determining the level of the Basket as of any time, increases (or, in the case of bearish notes, decreases) in the level of one Basket Component may be moderated, or wholly offset, by lesser increases or decreases (or, in the case of bearish notes, lesser decreases or increases) in the level of one or more other Basket Components. If the weightings of the applicable Basket Components are not equal, changes in the level of the Basket Components which are more heavily weighted could have a disproportionately adverse impact upon your notes.

The Amount to Be Paid at Maturity Will Not Be Affected by All Developments Relating to the Reference Asset.

Changes in the level of the Reference Asset during the term of the notes before the relevant valuation date or valuation dates, as the case may be, will not be reflected in the calculation of the payment at maturity. The calculation agent will calculate this amount by comparing only the Final Level to the Initial Level (or the Buffer Level, as applicable) and, in the case of notes that have a barrier, by comparing the trading level or closing level of the Reference Asset during the Monitoring Period or on the valuation date(s), as applicable, to the Barrier Level. No other levels of the Reference Asset will be taken into account unless otherwise specified in the applicable pricing supplement. As a result, you may receive less than the Principal Amount of your notes, even if the level of

the Reference Asset has increased (or, in the case of bearish notes, decreased) at certain times during the term of the notes before decreasing to a level below (or, in the case of bearish notes, increasing to a level above) the Initial Level (or Buffer Level, as applicable) and, if applicable, below (or, in the case of bearish notes, above) the Barrier Level as of the relevant dates.

If a Barrier is Applicable to Your Notes, Any Benefit Provided by the Barrier May Terminate during Any Trading Day in the Applicable Monitoring Period or on the Valuation Date(s).

Unless otherwise specified in the applicable pricing supplement, if a Barrier is applicable to your notes and the applicable trading level or closing level of the Reference Asset during the Monitoring Period or on the valuation date(s), as applicable, is less than the Barrier Level, the benefit provided by the Barrier will terminate. Further, if your notes also specify that intraday monitoring is applicable, the benefit provided by the Barrier will terminate if the trading level of the Reference Asset at any time during a Trading Day in the Monitoring Period or on the valuation date(s), as applicable, is less than the Barrier Level. If such a Barrier Event occurs, you will be fully exposed to any depreciation in the Final Level of the Reference Asset relative to its Initial Level. As a result, you may receive less than the Principal Amount of your notes even if the level of the Reference Asset increases above (or, in the case of bearish notes, decreases below) the Barrier Level or Initial Level at other times during the term of the notes.

We Will Not Hold Any Asset Comprising the Reference Asset for Your Benefit.

The indenture and the terms governing your notes contain neither any obligation on us, any agent or any of our or their respective affiliates to hedge nor any restriction on such parties' ability to sell, pledge or otherwise convey all or any portion of the securities that may comprise the Reference Asset that such parties may acquire. There can be no assurance that any hedging transaction we, any agents or any of our or their respective affiliates may undertake with respect to our exposure under the notes will be successful or will be maintained over the term of the notes. None of us, the agents nor any of our or their respective affiliates will pledge or otherwise hold any assets for your benefit, including any Reference Asset Constituent. Consequently, in the event of bankruptcy, insolvency or liquidation, any of those assets owned will be subject to the claims of creditors generally and will not be available for your benefit specifically.

You Must Rely on Your Own Evaluation of the Merits of an Investment Linked to the Reference Asset.

In the ordinary course of their business, we or our affiliates may have expressed views on expected movements in any Reference Asset or the Reference Asset Constituents, and may do so in the future. These views or reports may be communicated to our clients and clients of our affiliates. However, these views are subject to change from time to time. Moreover, other professionals who transact business in markets relating to any Reference Asset or the Reference Asset Constituents may at any time have significantly different views from those of us or our affiliates. For these reasons, you are encouraged to derive information concerning the applicable Reference Asset or the Reference Asset Constituents from multiple sources, including the financial and other information filed by a sponsor of the Reference Asset (the "Index Sponsor") and the respective issuers of the Reference Asset Constituents (the "Reference Asset Constituent Issuers") with the SEC, and you should not rely solely on views expressed by us or our affiliates.

The Initial Level May be Determined after the Pricing Date of the Notes.

The applicable pricing supplement may specify valuation methods that determine the Initial Level after the pricing date of the notes. For example, the applicable pricing supplement may specify that the Initial Level will be determined based on the arithmetic average of the closing levels of the Reference Asset on certain specified dates. One or more of these days may occur on or following the pricing date or the issue date of the notes; as a result, the Initial Level may not be determined, and you may therefore not know such value until after the issue date. If there are any increases (or in the case of bearish notes, decreases) in the closing levels of the Reference Asset on any relevant dates used to determine the Initial Level that occur after the pricing date, and such increases (or decreases) result in the Initial Level being higher (or in the case of bearish notes, lower) than the closing level on the pricing date, this may establish higher levels (or in the case of bearish notes, lower levels) that the Reference Asset must achieve for you to attain a positive return on your investment or to avoid a loss of principal at maturity.

Changes that Affect a Reference Asset Will Affect the Market Value of the Notes and the Amount You Will Receive at Maturity.

The policies of an Index Sponsor concerning the calculation of the Reference Asset, additions, deletions or substitutions of the Reference Asset Constituents and the manner in which changes affecting those Reference Asset Constituents, such as stock dividends, reorganizations or mergers, may be reflected in the Reference Asset and, therefore, could affect the amount payable on the notes at maturity, and the market value of the notes prior to maturity. The amount payable on the notes and their market value could also be affected if the Index Sponsor changes these policies, for example, by changing the manner in which it calculates the Reference Asset, or if the Index Sponsor discontinues or suspends calculation or publication of the Reference Asset, in which case it may become difficult to determine the market value of the notes. If events such as these occur, or if the level of the Reference Asset is not available on the valuation date or dates because of a market disruption event or for any other reason and no successor index is selected, the calculation agent may determine the level of the Reference Asset — and thus the amount payable at maturity — in a manner it considers appropriate.

Trading and Other Transactions by the Bank, the Agents or our or their Affiliates in the Reference Asset or the Reference Asset Constituents, Futures, Options, Exchange-Traded Funds or Other Derivative Products May Adversely Affect the Market Value of the Notes.

As described below under “Use of Proceeds and Hedging” and further specified in the applicable pricing supplement, we, the agents or one or more of our or their affiliates may, but are not required to, enter into hedging transactions relating to our obligations under the notes by purchasing or selling the Reference Asset or the Reference Asset Constituents, futures or options on the Reference Asset or the Reference Asset Constituents, or exchange-traded funds or other derivative instruments with returns linked or related to changes in the performance of the Reference Asset or the Reference Asset Constituents. We, the agents or one or more of our or their affiliates may adjust these hedges by, among other things, purchasing or selling those assets at any time. Although they are not expected to, any of these hedging activities may adversely affect the level of the Reference Asset or the Reference Asset Constituents, and, therefore, the market value of the notes. It is possible that we, the agents or one or more of our or their affiliates could receive substantial returns from these hedging activities while the market value of the notes decreases.

We, the agents or one or more of our or their affiliates may also engage in trading in the Reference Asset or the Reference Asset Constituents and other investments relating to those assets on a regular basis as part of our general broker-dealer and other businesses, for proprietary accounts, for other accounts under management or to facilitate transactions for customers, including block transactions. Any of these activities could adversely affect the level of the Reference Asset or the Reference Asset Constituents and, therefore, the market value of the notes. We, the agents or one or more of our or their affiliates may also issue or underwrite other securities or financial or derivative instruments with returns linked or related to changes in the performance of the Reference Asset or the Reference Asset Constituents. By introducing competing products into the marketplace in this manner, we, the agents or one or more of our or their affiliates could adversely affect the market value of the notes.

The Inclusion in the Purchase Price of the Notes of an Underwriting Commission, Any Expected Profit from Hedging Our Market Risk under the Notes and Our Expected Costs in Connection with the Issuance of the Notes and Such Hedging Transactions is Likely to Adversely Affect the Market Value of the Notes.

The price at which you purchase the notes includes an underwriting commission, as well as the costs that we, the agents, or our or their respective affiliates expect to incur in connection with the issuance of the notes and the costs and any profits we (or our affiliates) expect to incur in hedging our market risk under the notes. The hedging costs include the expected cost of undertaking this hedge, as well as any profit that we (or our affiliates) expect to realize in consideration for assuming the risks inherent in providing the hedge. As a result, assuming no change in market conditions or any other relevant factors, the price, if any, at which you may be able to sell your notes prior to maturity will likely be less and possibly substantially less than your original purchase price.

We Have No Affiliation with Any Index Sponsor and Will Not Be Responsible for Any Actions Taken by an Index Sponsor.

Unless otherwise specified in the applicable pricing supplement, no Index Sponsor is an affiliate of ours or will be involved in any offerings of the notes in any way. Consequently, we have no control of the actions of any Index Sponsor, including any actions of the type that would require the calculation agent to adjust the payment to you at maturity. No Index Sponsor has any obligation of any sort with respect to the notes. Thus, no Index Sponsor has any obligation to take your interests into consideration for any reason, including in taking any actions that might affect the value of the notes. None of our proceeds from any issuance of the notes will be delivered to any Index Sponsor, except to the extent that we are required to pay an Index Sponsor licensing fees with respect to an index included in the Reference Asset.

The Business Activities of the Bank, the Agents or our or their Affiliates May Create Conflicts of Interest.

As noted above, we, the agents or our or their affiliates may engage in trading activities related to the Reference Asset or the Reference Asset Constituents that are not for the account of holders of the notes or on their behalf. These trading activities may present a conflict between the holders' interests in the notes and the interests we, the agents or our or their affiliates will have in our or their proprietary accounts, in facilitating transactions, including options and other derivatives transactions, for their customers and in accounts under their management. These trading activities, if they influence the level of the Reference Asset or the Reference Asset Constituents, could be adverse to the interests of the holders of the notes. We, the agents or our or their affiliates may, at present or in the future, engage in business with one or more Reference Asset Constituent Issuers, including making loans to or providing advisory services to those companies. These services could include investment banking and merger and acquisition advisory services. These activities may present a conflict between our, the agents' or our or their affiliates' obligations and your interests as a holder of the notes. Moreover, we, the agents or our or their affiliates may have published, and in the future expect to publish, research reports with respect to the Reference Asset or the Reference Asset Constituents. This research is modified from time to time without notice and may express opinions or provide recommendations that are inconsistent with purchasing or holding the notes. Any of these activities by us, the agents or one or more of our or their affiliates may affect the level of the Reference Asset or the Reference Asset Constituents and, therefore, the market value of the notes.

The Calculation Agent Can Postpone the Determination of a Closing Level or the Final Level if a Market Disruption Event Occurs.

The determination of a closing level or the Final Level may be postponed if the calculation agent determines that a market disruption event has occurred or is continuing on any valuation date with respect to the Reference Asset. If such a postponement occurs, the calculation agent will use the closing level of the Reference Asset on the first subsequent business day on which no market disruption event occurs or is continuing. In no event, however, will any valuation date be postponed by more than seven trading days. As a result, if a market disruption event occurs or is continuing on a valuation date, the maturity date for the notes could also be postponed, although not by more than seven trading days.

If the determination of the level of the Reference Asset for any valuation date is postponed to the last possible day, but a market disruption event occurs or is continuing on that day, that day will nevertheless be the date on which the level of the Reference Asset will be determined by the calculation agent. In such an event, the calculation agent will make an estimate of the level that would have prevailed in the absence of the market disruption event. See "General Terms of the Notes—Market Disruption Events".

There Are Potential Conflicts of Interest Between You and the Calculation Agent.

The calculation agent will, among other things, determine the amount of your payment at maturity on the notes. Unless other specified in the applicable pricing supplement, our affiliate, Scotia Capital Inc., will serve as the calculation agent. We may change the calculation agent after the original issue date without notice to you. The calculation agent will exercise its judgment when performing its functions. For example, the calculation agent may have to determine whether a market disruption event affecting the Reference Asset has occurred, and make certain adjustments with respect to the Reference Asset if certain corporate events occur. This determination may, in turn, depend on the calculation agent's judgment whether the event has materially interfered with our ability or the

ability of one of our affiliates to unwind our hedge positions. Since this determination by the calculation agent will affect the payment at maturity on the notes, the calculation agent may have a conflict of interest if it needs to make a determination of this kind.

The Historical Performance of the Reference Asset or the Reference Asset Constituents Should Not Be Taken as an Indication of Their Future Performance.

The level of the Reference Asset will determine the amount to be paid on the notes at maturity. The historical performance of the Reference Asset or the Reference Asset Constituents does not necessarily give an indication of their future performance. As a result, it is impossible to predict whether the level of the Reference Asset will rise or fall during the term of the notes. The level of the Reference Asset and the Reference Asset Constituents will be influenced by complex and interrelated political, economic, financial and other factors.

Significant Aspects of the Tax Treatment of the Notes Are Uncertain.

Significant aspects of the tax treatment of the notes are uncertain. There is no direct legal authority as to the proper U.S. federal income tax treatment of the notes, and we do not plan to request a ruling from the Internal Revenue Service (the “IRS”) or any Canadian authorities regarding the tax treatment of the notes, and the IRS, the Canada Revenue Agency (“CRA”) or a court may not agree with the tax treatment described in this product prospectus supplement or the applicable pricing supplement. If the IRS were successful in asserting an alternative treatment for the notes, the timing and/or character of income on the notes could be materially and adversely affected. Please read carefully the sections entitled “Material U.S. Federal Income Tax Consequences” herein. You should consult your tax advisor about your own tax situation.

Further, there exists a risk (and in certain circumstances, a substantial risk) that an investment in notes that are linked to a Reference Asset the constituents of which include an ETF, a real estate investment trust (“REIT”), passive foreign investment company (“PFIC”) or other “pass-thru entity” or a Basket that contains ETFs, PFICs, REITs or other “pass-thru entities” could be treated as a “constructive ownership” transaction which could result in part or all of any long term capital gain realized by you being recharacterized as ordinary income and subject to an interest charge (or, in the case of a gold or silver ETF, subject to a maximum tax rate of 28% applicable to “collectibles”).

In 2007, the IRS released Notice 2008-2, which may affect the taxation of holders of the notes. According to the notice, the IRS and the Treasury are actively considering whether a holder of an instrument such as the notes should be required to accrue ordinary income on a current basis, and they are seeking taxpayer comments on the subject. It is not possible to determine what guidance they will ultimately issue, if any. It is possible, however, that under such guidance, holders of the notes will ultimately be required to accrue income currently and this could be applied on a retroactive basis. The IRS and the Treasury are also considering other relevant issues, including whether additional gain or loss from such instruments should be treated as ordinary or capital, whether foreign holders of such instruments should be subject to withholding tax on any deemed income accruals, and whether the special “constructive ownership rules” of Section 1260 of the Internal Revenue Code of 1986, as amended (the “Code”) should be applied to such instruments. Both U.S. and non-U.S. holders are urged to consult their tax advisors concerning the significance, and the potential impact, of the above considerations on their investments in the notes.

Furthermore, in 2007, legislation was introduced in Congress that, if it had been enacted, would have required holders of an instrument similar to the notes that is purchased after the bill was enacted to accrue interest income over the term of such instruments even if such instruments provide that there will be no interest payments over their term.

Additionally, in 2013, the House Ways and Means Committee released in draft form certain proposed legislation relating to financial instruments. If it had been enacted, the effect of this legislation generally would have been to require instruments such as the notes to be marked to market on an annual basis with all gains and losses to be treated as ordinary, subject to certain exceptions.

Please read carefully the sections entitled “Material U.S. Federal Income Tax Consequences” in this product prospectus supplement and the discussion in the applicable pricing supplement for a discussion of the U.S. federal

income tax treatment and possible alternative treatments of the notes. You should consult your tax advisor about your tax situation.

Any conclusion that no portion of the interest paid or credited or deemed to be paid or credited on a note will be “Participating Debt Interest” (as defined below) subject to Canadian withholding tax is based in part on the current published administrative position of the CRA. There cannot be any assurance that CRA’s current published administrative practice will not be subject to change, including potential expansion in the current administrative interpretation of Participating Debt Interest subject to Canadian withholding tax. If, at any time, the interest paid or credited or deemed to be paid or credited on a note is subject to Canadian withholding tax, you will receive an amount that is less than that to which you would otherwise be entitled. You should consult your own adviser as to the potential for such withholding and the potential for reduction or refund of part or all of such withholding, including under any bilateral Canadian tax treaty the benefits of which you may be entitled.

For a more complete discussion of the Canadian federal income tax consequences of investing in the notes, please see “Supplemental Discussion of Canadian Tax Consequences” in this product prospectus supplement, “Canadian Taxation” in the accompanying prospectus and any further Canadian tax discussions in the applicable pricing supplement. You should consult your tax advisors as to the consequences of acquiring, holding and disposing of the notes and receiving the payments that might be due under the notes.

U.S. Taxpayers Will be Required to Pay Taxes Each Year on Notes that Are Treated as Contingent Payment Debt Instruments and Notes that Are Issued with Original Issue Discount

If the notes are subject to special rules governing contingent payment debt instruments for U.S. federal income tax purposes and the holder is a U.S. individual or taxable entity, that holder generally will be required to pay taxes on ordinary income over the term of such notes based on the comparable yield for the notes, even though that holder may not receive any payments from us until maturity. This comparable yield is determined solely to calculate the amounts a holder will be taxed on prior to maturity and is neither a prediction nor a guarantee of what the actual yield will be. Any gain that may be recognized on the taxable disposition of such notes will generally be ordinary income. Any loss that may be recognized upon the taxable disposition of such notes will generally be ordinary loss to the extent of the interest that the holder included as income in the current or previous taxable years in respect of the notes and thereafter will be capital loss. The deductibility of capital losses is subject to limitations.

Similarly, if the notes are treated as issued with original issue discount, U.S. holders will be required to accrue interest on the notes and pay tax accordingly, even though such holders may not receive any payments from us until maturity. For further discussion, see “Material U.S. Federal Income Tax Consequences.”

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

Unless otherwise specified in the applicable pricing supplement, the notes will be denominated in U.S. dollars. If you are a non-U.S. investor who purchases the notes with a currency other than U.S. dollars, changes in rates of exchange may have an adverse effect on the value, price or returns of your investment.

This product prospectus supplement contains a general description of certain U.S. tax considerations 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 the notes and receiving the payments that may be due under the notes.

The accompanying prospectus supplement contains a discussion of certain Canadian tax consequences. You should consult your tax advisor as to the consequences of acquiring, holding and disposing of the notes and receiving the payments that might be due under the notes.

Considerations for Employee Benefit Plans.

Any insurance company or fiduciary of a pension plan or other employee benefit plan that is subject to the prohibited transaction rules of the Employee Retirement Income Security Act of 1974, as amended (“ERISA”), or a plan subject to Section 4975 of the Code, including an IRA or a Keogh plan (or a governmental or other plan to which similar prohibitions apply) or an entity considered to hold “plan assets” of any of the foregoing, and that is

considering purchasing the notes with the assets of the insurance company, employee benefit plan, plan or entity, should consult with its counsel regarding whether the purchase or holding of the notes could constitute or result in a “prohibited transaction” under ERISA or Section 4975 of the Code or a violation of any similar law. For additional information, please see the discussion under “Certain ERISA Considerations” below.

Risks Relating to the Applicable Reference Asset

You Will Not Have Any Shareholder Rights and Will Have No Right to Receive any Shares of the Reference Asset Constituents at Maturity.

Investing in your notes will not make you a holder of any Reference Asset Constituent. Neither you nor any other holder or owner of the notes will have any voting rights, any right to receive dividends or other distributions or any other rights with respect to any of these securities.

An Investment in the Notes May Be Subject to Risks Associated with Non-U.S. Securities Markets.

The Reference Asset may include one or more equity securities that have been issued by non-U.S. companies. An investment in securities linked to the value of non-U.S. equity securities involves particular risks. Non-U.S. securities markets may be more volatile than U.S. securities markets, and market developments may affect non-U.S. securities markets differently from the U.S. securities markets. Direct or indirect government intervention to stabilize these non-U.S. securities markets, as well as cross shareholdings among non-U.S. companies, may affect trading prices and volumes in those securities markets. Also, there is generally less publicly available information in the United States about non-U.S. companies than about those U.S. companies that are subject to the reporting requirements of the SEC, and non-U.S. companies are subject to accounting, disclosure, auditing and financial reporting standards and requirements that differ from those applicable to U.S. reporting companies.

Securities prices of non-U.S. companies are subject to political, economic, financial and other factors that may be unique to the particular country. These factors, which could negatively affect the non-U.S. securities markets, include the possibility of recent or future changes in the economic and fiscal policies of non-U.S. governments, the possible imposition of, or changes in, currency exchange laws or other non-U.S. laws or restrictions applicable to non-U.S. companies or investments in non-U.S. equity securities, the possibility of fluctuations in the rate of exchange between currencies, the possibility of outbreaks of hostility and political instability and the possibility of natural disaster or adverse public health developments in the region. Moreover, the economies of certain foreign countries may differ favorably or unfavorably from the U.S. economy in important respects, such as growth of gross national product, rate of inflation, trade surpluses or deficits, capital reinvestment, resources and self-sufficiency.

The Return on the Notes May Be Exposed to Fluctuations in Exchange Rates that Might Affect the Level of the Reference Asset and the Payment at Maturity.

Because the Reference Asset Constituents may be traded in currencies other than U.S. dollars, and the notes are denominated in U.S. dollars, the amount payable on the notes at maturity may be exposed to fluctuations in the exchange rate between the U.S. dollar and each of the currencies in which those securities are denominated. These changes in exchange rates may reflect changes in various non-U.S. economies that in turn may affect the payment on the notes at maturity. An investor’s net exposure will depend on the extent to which the currencies in which the relevant securities are denominated either strengthen or weaken against the U.S. dollar and the relative weight of each security. If, taking into account such weighting, the U.S. dollar strengthens (or, in the case of bearish notes, weakens) against the currencies in which the relevant securities are denominated, the value of those securities may be adversely affected and the level of the Reference Asset may be adversely affected as well. In turn, the payment on the notes at maturity may be adversely affected.

We Do Not Control Any Reference Asset Constituent Issuer and Have Derived Information About the Reference Asset Constituent Issuers from Publicly Available Information.

Unless (and only to the extent that) the Bank or an affiliate is a Reference Asset Constituent Issuer, neither we nor any of our affiliates have the ability to control the actions of any of the Reference Asset Constituent Issuers. Unless otherwise specified in the applicable pricing supplement, we have derived information about the Reference Asset Issuers from publicly available information, without independent verification. We have not conducted any independent review or due diligence of any publicly available information with respect to any Reference Asset Constituent Issuer. You should make your own investigation into the Reference Asset Constituent Issuers represented by the Reference Asset.

Other Risk Factors Relating to the Applicable Reference Asset

The applicable pricing supplement may set forth additional risk factors as to the Reference Asset that you should review prior to purchasing the notes.

GENERAL TERMS OF THE NOTES

You should carefully read the description of the terms and provisions of our debt securities and our senior debt indenture under “Description of the Debt Securities We May Offer” in the accompanying prospectus. That section, together with this product prospectus supplement, the accompanying prospectus supplement and the applicable pricing supplement, summarizes all the material terms of our senior debt indenture and your note. They do not, however, describe every aspect of our senior debt indenture and your note. For example, in this section entitled “General Terms of the Notes”, in the accompanying prospectus, prospectus supplement and the applicable pricing supplement, we use terms that have been given special meanings in our senior debt 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 applicable pricing supplement. As you read this section, please remember that the specific terms of your note as described in your pricing supplement will supplement and, if applicable, may modify or replace the general terms described in this section. If there is any inconsistency between the terms of the notes described in the accompanying prospectus, the accompanying prospectus supplement, this product prospectus supplement, and the applicable pricing supplement, the following hierarchy will govern: first, the applicable pricing supplement; second, this product prospectus supplement; third, the accompanying prospectus supplement; and last, the accompanying prospectus.

Unless otherwise specified in the applicable pricing supplement, the notes are not bail-inable debt securities (as defined in the accompanying prospectus) and the applicable discussions in the accompanying prospectus and accompanying prospectus supplement relating to bail-inable debt securities will not apply to the notes.

Please note that in this section entitled “General Terms of the Notes”, references to “holders” mean those who own notes registered in their own names, on the books that we or the trustee maintain for this purpose, and not those who own beneficial interests in notes registered in street name or in notes issued in book-entry form through The Depository Trust Company (“DTC”) or another depository. Owners of beneficial interests in the notes should read the section entitled “Legal Ownership and Book-Entry Issuance” in the accompanying prospectus.

In addition to the terms described in the “Summary” section above, the following general terms will apply to the notes, including your notes:

Specified Currency

Unless otherwise specified in the applicable pricing supplement, all payments, if any, on the notes will be made in U.S. dollars (“\$”).

Form and Denomination

The notes will be issued only in global form through DTC. Unless otherwise specified in the applicable pricing supplement, the notes will be issued in minimum denominations of \$1,000 and integral multiples of \$1,000.

No Listing

Your notes will not be listed or displayed on any securities exchange or quotation system, or included in any interdealer market quotation system, unless otherwise specified in the applicable pricing supplement.

Defeasance, Default Amount, Other Terms

Neither full defeasance nor covenant defeasance will apply to your notes. The following will apply to your notes:

- the default amount will be payable on any acceleration of the maturity of your notes as described under “—Default Amount on Acceleration” below;
- a business day for your notes will have the meaning described under “—Special Calculation Provisions—Business Day” below; and
- a trading day for your notes will have the meaning described under “—Special Calculation Provisions—Trading Day” below.

Please note that the information about the issuance, issue date, issue price discounts or commissions and net proceeds to the Bank in the applicable pricing supplement relates only to the initial issuance and sale of your notes. If you have purchased your notes in a market-making transaction after the initial issuance and sale, any such relevant information about the sale to you will be provided in a separate confirmation of sale.

Interest

Unless the applicable pricing supplement otherwise specifies, the notes will not be entitled to interest payments.

Payment at Maturity

Unless otherwise specified in the applicable pricing supplement, the payment at maturity for a note will be based on the performance of the Reference Asset, subject to our credit risk as issuer of the notes, and will be calculated as follows:

Payment at Maturity in Excess of Principal Amount

If the Final Level is **greater than or equal to** (or, in the case of bearish notes, **less than or equal to**) the Initial Level, then, at maturity, you will receive an amount equal to:

$$\text{Principal Amount} + (\text{Principal Amount} \times \text{Percentage Change})$$

The Percentage Change is the difference between the Final Level and the Initial Level and is expressed as a percentage of the Initial Level. The Percentage Change may be positive or negative and will be calculated as follows:

$$\frac{\text{Final Level} - \text{Initial Level}}{\text{Initial Level}}$$

If your notes are bearish notes, the Percentage Change will be calculated as follows:

$$\frac{\text{Initial Level} - \text{Final Level}}{\text{Initial Level}}$$

- (a) *Participation Rate.* If the applicable pricing supplement specifies that a Participation Rate is applicable to your notes, then the payment at maturity will be calculated as follows:

$$\text{Principal Amount} + (\text{Principal Amount} \times \text{Percentage Change} \times \text{Participation Rate})$$

The Participation Rate represents the extent to which your notes will participate in the upside performance (or, in the case of bearish notes, downside performance) of the Reference Asset. The Participation Rate may be less than, equal to, or greater than 100%. If the Participation Rate is less than 100%, your notes will participate in less than the full upside performance (or, in the case of bearish notes, downside performance) of the Reference Asset. If the Participation Rate is greater than 100%, your notes will participate in the upside performance (or, in the case of bearish notes, downside performance) on a leveraged basis. The Participation Rate will be specified in the applicable pricing supplement, if applicable.

If the applicable pricing supplement specifies that a cap is applicable to your notes, then the payment at maturity will not exceed the Maximum Redemption Amount set forth in the applicable pricing supplement.

(b) *Booster Coupon*. If the applicable pricing supplement specifies that a Booster Coupon is applicable to your notes:

1. If the Percentage Change is greater than the Booster Percentage, then the payment at maturity will equal:
Principal Amount + (Principal Amount × Percentage Change)
2. If the Percentage Change is greater than or equal to 0% but less than or equal to the Booster Percentage, then the payment at maturity will equal:

$$\text{Principal Amount} + (\text{Principal Amount} \times \text{Booster Percentage})$$

The Booster Percentage is a specified increase (or, in the case of bearish notes, decrease) in the level of the Reference Asset, and will be set forth in the applicable pricing supplement, if applicable.

(c) *Digital Coupon*. If the applicable pricing supplement specifies that a Digital Coupon is applicable to your notes and the applicable conditions are satisfied, then the payment at maturity will equal:

$$\text{Principal Amount} + (\text{Principal Amount} \times \text{Digital Coupon})$$

The Digital Coupon will be a percentage specified in the applicable pricing supplement.

Payment at Maturity Less than or Equal to Principal Amount

If the Final Level is **less than** (or, in the case of bearish notes, **greater than**) the Initial Level, then, at maturity, you will receive less than the Principal Amount of your notes, incurring a loss on your investment of principal. In such a case, the payment at maturity will equal:

$$\text{Principal Amount} + (\text{Principal Amount} \times \text{Percentage Change})$$

(a) *Buffer*. If the applicable pricing supplement specifies that a Buffer is applicable to your notes:

1. If the Final Level is greater than or equal to (or, in the case of bearish notes, less than or equal to) the Buffer Level, then the payment at maturity will equal the Principal Amount of your notes.
2. If the Final Level is less than (or in the case of bearish notes, greater than) the Buffer Level, then the payment at maturity will equal:

$$\text{Principal Amount} + [(\text{Principal Amount} \times (\text{Percentage Change} + \text{Buffer Percentage}))]$$

The Buffer Level is a specified level of the Reference Asset that is less than (or, in the case of bearish notes, greater than) the Initial Level. The Buffer Level will be a percentage of the Initial Level and set forth in the applicable pricing supplement, if applicable. The Buffer Percentage is a specified percentage that will be set forth in the applicable pricing supplement, if applicable. For example, if the Buffer Level is 90% of the Initial Level, the Buffer Percentage will be 10%.

(b) *Barrier*. If the applicable pricing supplement specifies that a Barrier is applicable to your notes:

1. If no Barrier Event has occurred, then the payment at maturity will equal the Principal Amount of your notes.
2. If a Barrier Event has occurred, then the payment at maturity will equal:

$$\text{Principal Amount} + (\text{Principal Amount} \times \text{Percentage Change})$$

Unless otherwise specified in the applicable pricing supplement, a Barrier Event will occur if:

- (i) the Final Level is less than (or, in the case of bearish notes, greater than) the Initial Level; and
- (ii)
 - (a) for notes subject to Intra-Day Monitoring, at any time during the Monitoring Period, the level of the Reference Asset is less than (or, in the case of bearish notes, greater than) the Barrier Level, or
 - (b) for notes subject to Close of Trading Day Monitoring, on any trading day during the Monitoring Period, the closing level of the Reference Asset is less than (or, in the case of bearish notes, greater than) the Barrier Level, or
 - (c) for notes subject to Final Valuation Date Monitoring, the Final Level is less than (or, in the case of bearish notes, greater than) the Barrier Level.

The applicable pricing supplement will specify which of these three Monitoring Methods is applicable to your notes as well as the applicable Monitoring Period. If your notes are monitored by a different method, that method will be specified in the applicable pricing supplement, as well as any other provisions relating to the determination of the amount payable on your notes at maturity.

The Barrier Level is a specified level of the Reference Asset that is less than (or, in the case of bearish notes, greater than) the Initial Level. The Barrier Level will be a percentage of the Initial Level and set forth in the applicable pricing supplement, if applicable.

Determining the Level of the Reference Asset

Initial Level. The applicable pricing supplement will set forth the Initial Level of the Reference Asset. Unless otherwise specified in the applicable pricing supplement, the Initial Level of an index will be its closing level on the pricing date.

Final Level. Unless otherwise specified in the applicable pricing supplement, the level of an index on any valuation date will be its closing level on that date.

Valuation Date

Unless otherwise specified in the applicable pricing supplement, the valuation date (if there is only one valuation date applicable to the notes) or the valuation dates and final valuation date (if there is more than one valuation date applicable to the notes) will be specified in the applicable pricing supplement. If the calculation agent determines that a market disruption event occurs or is continuing on any valuation date applicable to the notes, the Final Level will be determined according to the calculation in “—Market Disruption Events” below.

Maturity Date

Unless otherwise specified in the applicable pricing supplement, the maturity date will be specified in the applicable pricing supplement, unless that date is not a business day, in which case the maturity date will be the next following business day. The maturity date will be postponed by the same number of trading days as the valuation date or the final valuation date, as applicable, if a market disruption event occurs or is continuing as described above. If the applicable pricing supplement specifies potential interest payments, no interest will accrue past the originally scheduled maturity date specified in the applicable pricing supplement.

Unavailability of the Level of the Reference Asset on a Valuation Date

If the Index Sponsor discontinues publication of an index comprising part of the Reference Asset and the Index Sponsor or another entity publishes a successor or substitute index that the calculation agent determines to be comparable to the discontinued index (such successor or substitute index being referred to in this section as a “successor index”), then any subsequent index closing level will be determined by reference to the published level of that successor index at the regular weekday close of trading on the applicable valuation date.

Upon any selection by the calculation agent of a successor index, the calculation agent will provide written notice to the trustee of the selection, and the trustee will furnish written notice thereof, to the extent the trustee is required to under the senior debt indenture, to each noteholder, or in the case of global notes, the depositary, as holder of the global notes.

If a successor index is selected by the calculation agent, that successor index will be used as a substitute for the Reference Asset for all purposes, including for purposes of determining whether a market disruption event exists with respect to that index.

If any Index Sponsor discontinues publication of an index comprising a part of the Reference Asset prior to, and that discontinuance is continuing on, any valuation date and the calculation agent determines that no successor index is available at that time, then the calculation agent will determine the level of the Reference Asset for the relevant date in accordance with the formula for and method of calculating the index last in effect prior to the discontinuance, without rebalancing or substitution, using the closing level (or, if trading in the relevant underlying securities or components of the index have been materially suspended or materially limited, its estimate of the closing level that would have prevailed but for that suspension or limitation) at the close of the principal trading session of the relevant exchange on that date of each security or component most recently comprising the index. Notwithstanding these alternative arrangements, discontinuance of the publication of an index comprising a part of the Reference Asset may adversely affect the value of your notes.

If at any time the method of calculating a closing level for an index comprising a part of the Reference Asset or a successor index is changed in a material respect, or if the index is in any other way modified so that the index does not, in the opinion of the calculation agent, fairly represent the level of the index had those changes or modifications not been made, then, from and after that time, the calculation agent will, at the close of business in New York City on the applicable valuation date, make such calculations and adjustments as, in the judgment of the calculation agent, may be necessary in order to arrive at a level of an index comparable to that index as if those changes or modifications had not been made. Accordingly, if the method of calculating the index is modified so that the value of that index is a fraction of what it would have been if it had not been modified (*e.g.*, due to a split in the index), then the calculation agent will adjust the index in order to arrive at a value of that index as if it had not been modified (*e.g.*, as if such split had not occurred).

Notwithstanding these alternative arrangements, discontinuance of the publication of an index comprising part of the Reference Asset may adversely affect the value of your notes.

Adjustments Relating to Notes Linked to a Basket

If the calculation agent substitutes a successor index, or otherwise affects or modifies a Basket Component, then the calculation agent will make those calculations and adjustments as, in judgment of the calculation agent, may be necessary in order to arrive at a basket comparable to the original Basket (including, without limitation, changing the percentage weights of the Basket Components), as if those changes or modifications had not been made, and will calculate the payment at maturity with reference to that basket or the successor basket (as described below), as adjusted.

In this event, the calculation agent will provide written notice to the trustee of these calculations and adjustments, and the trustee will furnish written notice thereof, to the extent the trustee is required to under the senior debt indenture, to each noteholder, or in the case of global notes, the depositary, as holder of the global notes.

In the event of the adjustment described above, the newly composed basket is referred to in this section as the “successor basket” and will be used as a substitute for the original Basket for all purposes.

If the calculation agent determines that the available successor basket or basket components as described above do not fairly represent the value of the original Basket or Basket Components, as the case may be, then the calculation agent will determine the level of the applicable Basket Components or the Basket level for any valuation date as described under “—Unavailability of the Level of the Reference Asset on a Valuation Date.”

Notwithstanding these alternative arrangements, discontinuance of trading on the applicable exchanges or markets in any Basket Component may adversely affect the market value of the notes.

Market Disruption Events

If the Final Level will be determined on a single valuation date and a market disruption event occurs or is continuing on that date, the Final Level will equal the closing level of the Reference Asset on the first trading day following the valuation date on which the calculation agent determines that a market disruption event is not continuing. If a market disruption event occurs or is continuing on each trading day to and including the seventh trading day following the valuation date, the Final Level will be determined (or, if not determinable, estimated by the calculation agent) by the calculation agent on that seventh trading day, regardless of the occurrence or continuation of a market disruption event on that day. In such an event, the calculation agent will make an estimate of the Final Level that would have prevailed in the absence of the market disruption event.

If the Final Level will be determined over more than one valuation date and a market disruption event occurs or is continuing on any scheduled valuation date other than the final valuation date, the level of the Reference Asset for that valuation date will equal the closing level of the Reference Asset on the next scheduled valuation date. For example, if a market disruption event occurs or is continuing on the first and second scheduled valuation dates, but not on the third scheduled valuation date, then the closing level of the Reference Asset on the third scheduled valuation date will also be deemed to be the closing level of the Reference Asset on the first and second scheduled valuation dates. If no further scheduled valuation dates occur after a valuation date on which a market disruption event occurs or is continuing or if a market disruption event occurs or is continuing on the final valuation date, then the closing level of the Reference Asset for that valuation date will be determined (or, if not determinable, estimated by the calculation agent) by the calculation agent on that final valuation date, regardless of the occurrence or continuation of a market disruption event on that day. In such an event, the calculation agent will make an estimate of the closing level of the Reference Asset that would have prevailed in the absence of the market disruption event.

If the Reference Asset of your notes is a Basket and one or more, but not all, of the Basket Components is affected by a market disruption event that occurs or is continuing on a date where the Final Level will be determined (whether the valuation date is a single valuation date or more than one valuation date), the valuation date with respect to each Basket Component that is affected by a market disruption event (each a “Disrupted Basket Component”) may be postponed (and not any Basket Component unaffected by such market disruption event), and thus the determination of the Final Level may be delayed. If such a postponement occurs, the closing level of a Disrupted Basket Component may be determined by the calculation agent by reference to the closing level of the Disrupted Basket Component on the first trading day on which no market disruption event has occurred or is continuing for such Basket Component, as determined by the calculation agent. In no event, however, will a valuation date with respect to a Disrupted Basket Component be postponed by more than seven trading days. Moreover, if the valuation date of a Disrupted Basket Component is postponed to the last possible day, but a market disruption event occurs or is continuing on that day, that day will nevertheless be the valuation date for that Disrupted Basket Component, and the calculation agent will determine the applicable closing level of the Disrupted Basket Component as described in more detail in “General Terms of the Notes” herein. A market disruption event for a particular Basket Component will not necessarily be a market disruption event for another Basket Component. For the avoidance of doubt, if, on the originally scheduled valuation date, no market disruption event with respect to a particular Basket Component occurs or is continuing, then the determination of the closing level for such Basket Component will be made on the originally scheduled valuation date, irrespective of the occurrence of a market disruption event with respect to one or more of the other Basket Components.

A market disruption event means any event, circumstance or cause which the calculation agent determines is material and includes, but is not limited to, the following events to the extent that they have such effect with respect to any index that forms a part of the Reference Asset:

- a suspension, absence or limitation of trading in Reference Asset Constituents constituting 20% or more, by weight, of that index;
- a suspension, absence or limitation of trading in futures or options contracts relating to that index on their respective markets;
- any event that disrupts or impairs the ability of market participants to (i) effect transactions in, or obtain market values for, Reference Asset Constituents constituting 20% or more, by weight, of that index, or (ii) effect transactions in, or obtain market values for, futures or options contracts relating to that index on their respective markets;
- the closure on any day of the primary market for futures or options contracts relating to that index or index components constituting 20% or more, by weight, of that index on a trading day prior to the scheduled weekday closing time of that market (without regard to after hours or any other trading outside of the regular trading session hours) unless such earlier closing time is announced by the primary market at least one hour prior to the earlier of (i) the actual closing time for the regular trading session on such primary market on such trading day for such primary market and (ii) the submission deadline for orders to be entered into the relevant exchange system for execution at the close of trading on such trading day for such primary market;
- any trading day on which (i) the primary markets for index components constituting 20% or more, by weight, of that index or (ii) the exchanges or quotation systems, if any, on which futures or options contracts on that index are traded, fails to open for trading during its regular trading session; or
- any other event, if the calculation agent determines that the event interferes with our ability or the ability of any of our affiliates to unwind all or a portion of a hedge with respect to the notes that we or our affiliates have effected or may effect as described below under “Use of Proceeds and Hedging” in this product prospectus supplement.

Payment of Additional Amounts

We will pay any amounts to be paid by us on the notes without deduction or withholding for, or on account of, any and all present or future income, stamp and other taxes, levies, imposts, duties, charges, fees, deductions or withholdings (“taxes”) now or hereafter imposed, levied, collected, withheld or assessed by or on behalf of Canada or any Canadian political subdivision or authority that has the power to tax, unless the deduction or withholding is required by law or by the interpretation or administration thereof by the relevant governmental authority. At any time a Canadian taxing jurisdiction requires us to deduct or withhold for or on account of taxes from any payment made under or in respect of the notes, we will pay such additional amounts (“Additional Amounts”) as may be necessary so that the net amounts received by each holder (including Additional Amounts), after such deduction or withholding, shall not be less than the amount the holder would have received had no such deduction or withholding been required.

However, no Additional Amounts will be payable with respect to a payment made to a holder of a note, which we refer to as an “Excluded Holder”, in respect of a beneficial owner:

- (i) with which we do not deal at arm’s length (within the meaning of the Income Tax Act (Canada)) at the time of making such payment;
- (ii) which is subject to such taxes by reason of its being connected presently or formerly with Canada or any province or territory thereof otherwise than by reason of the holder’s activity in connection with purchasing the notes, the holding of notes or the receipt of payments thereunder;
- (iii) which presents such note for payment (where presentation is required) more than 30 days after the relevant date (except to the extent that the holder thereof would have been entitled to such Additional Amounts on presenting a note for payment on the last day of such 30 day period); for this purpose, the “relevant date” in relation to any payments on any note means:

- (a) the due date for payment thereof, or
- (b) if the full amount of the monies payable on such date has not been received by the trustee on or prior to such due date, the date on which the full amount of such monies has been received and notice to that effect is given to holders of the notes in accordance with the indenture; or
- (iv) who could lawfully avoid (but has not so avoided) such withholding or deduction by complying, or procuring that any third party comply with, any statutory requirements or by making, or procuring that any third party make, a declaration of non-residence or other similar claim for exemption to any relevant tax authority.

For the avoidance of doubt, we will not have any obligation to pay any holders Additional Amounts on any tax which is payable otherwise than by deduction or withholding from payments made under or in respect of the notes at maturity.

We will also make such withholding or deduction in respect of taxes and remit the full amount deducted or withheld to the relevant Canadian authority in accordance with applicable law. We will furnish to the trustee, within 30 days after the date the payment of any taxes is due pursuant to applicable law, certified copies of tax receipts evidencing that such payment has been made or other evidence of such payment satisfactory to the trustee. We will indemnify and hold harmless each holder of notes (other than an Excluded Holder) and upon written request reimburse each such holder for the amount of (x) any taxes so levied or imposed and paid by such holder as a result of payments made under or with respect to the notes, and (y) any taxes levied or imposed and paid by such holder with respect to any reimbursement under (x) above, but excluding any taxes on such holder's net income or capital.

For additional information, see the section entitled "Supplemental Discussion of Canadian Tax Consequences".

Default Amount on Acceleration

Unless otherwise specified in the applicable pricing supplement, in case an event of default with respect to the notes shall have occurred and be continuing, the amount declared due and payable on the notes upon any acceleration of the notes will be determined by the calculation agent and the default amount for your notes on any day (except as provided in the last sentence under "Default Quotation Period" below) will be an amount, in the specified currency for the principal of your notes, equal to the cost of having a qualified financial institution, of the kind and selected as described below, expressly assume all our payment and other obligations with respect to your notes as of that day and as if no default or acceleration had occurred, or to undertake other obligations providing substantially equivalent economic value to you with respect to your notes. That cost will equal:

- the lowest amount that a qualified financial institution would charge to effect this assumption or undertaking, plus
- the reasonable expenses, including reasonable attorneys' fees, incurred by the trustees of your notes in preparing any documentation necessary for this assumption or undertaking.

During the default quotation period for your notes, described below, the trustees and/or the Bank may request a qualified financial institution to provide a quotation of the amount it would charge to effect this assumption or undertaking. If either party obtains a quotation, it must notify the other party in writing of the quotation. The amount referred to in the first bullet point above will equal the lowest or, if there is only one, the only quotation obtained, and as to which notice is so given, during the default quotation period. With respect to any quotation, however, the party not obtaining the quotation may object, on reasonable and significant grounds, to the assumption or undertaking by the qualified financial institution providing the quotation and notify the other party in writing of those grounds within two business days after the last day of the default quotation period, in which case that quotation will be disregarded in determining the default amount.

Default Quotation Period

The default quotation period is the period beginning on the day the default amount first becomes due (the "due day") and ending on the third business day after that day, unless:

- no quotation of the kind referred to above is obtained, or
- every quotation of that kind obtained is objected to within five business days after the due day as described above.

If either of these two events occurs, the default quotation period will continue until the third business day after the first business day on which prompt notice of an objection is given as described above. If that quotation is objected to as described above within five business days after that first business day, however, the default quotation period will continue as described in the prior sentence and this sentence.

Qualified Financial Institutions

For the purpose of determining the default amount at any time, a qualified financial institution must be a financial institution organized under the laws of any jurisdiction in the United States of America, Europe or Japan, which at that time has outstanding debt obligations with a stated maturity of one year or less from the date of issue and that is, or whose securities are, rated either:

- A-1 or higher by Standard & Poor's Ratings Services, or any successor, or any other comparable rating then used by that rating agency, or
- P-1 or higher by Moody's Investors Service or any successor, or any other comparable rating then used by that rating agency.

If the notes have become immediately due and payable following an event of default, you will not be entitled to any additional payments with respect to the notes. For more information, see "Description of the Debt Securities We May Offer—Events of Default" in the accompanying prospectus.

Tax Redemption

The Bank (or its successor) may redeem the notes, in whole but not in part, at a redemption price equal to the principal amount thereof together with accrued and unpaid interest to the date fixed for redemption, upon the giving of a notice as described below, if:

- as a result of any change (including any announced prospective change) in or amendment to the laws (or any regulations or rulings promulgated thereunder) of Canada (or the jurisdiction of organization of the successor to the Bank) or of any political subdivision or taxing authority thereof or therein affecting taxation, or any change in official position regarding the application or interpretation of such laws, regulations or rulings (including a holding by a court of competent jurisdiction), which change or amendment is announced or becomes effective on or after the pricing date specified in the applicable Pricing Supplement (or, in the case of a successor to the Bank, after the date of succession), and which in the written opinion to the Bank (or its successor) of legal counsel of recognized standing has resulted or will result (assuming, in the case of any announced prospective change, that such announced change will become effective as of the date specified in such announcement and in the form announced) in the Bank (or its successor) becoming obligated to pay, on the next succeeding date on which interest is due, additional amounts with respect to the notes; or
- on or after the pricing date specified in the applicable Pricing Supplement (or, in the case of a successor to the Bank, after the date of succession), any action has been taken by any taxing authority of, or any decision has been rendered by a court of competent jurisdiction in, Canada (or the jurisdiction of organization of the successor to the Bank) or any political subdivision or taxing authority thereof or therein, including any of those actions specified in the paragraph immediately above, whether or not such action was taken or decision was rendered with respect to the Bank (or its successor), or any change, amendment, application or interpretation shall be officially proposed, which, in any such case, in the written opinion to the Bank (or its successor) of legal counsel of recognized standing, will result (assuming, in the case of any announced prospective change, that such change, amendment, application, interpretation or action is applied to the notes by the taxing authority and that such announced change will become effective as of the date specified in such announcement and in the form announced) in the Bank (or its successor) becoming obligated to pay, on the next succeeding date on which interest is due, additional amounts with respect to the notes;

and, in any such case, the Bank (or its successor), in its business judgment, determines that such obligation cannot be avoided by the use of reasonable measures available to it (or its successor).

In the event the Bank elects to redeem the notes pursuant to the provisions set forth in the preceding paragraph, it shall deliver to the trustees a certificate, signed by an authorized officer, stating (i) that the Bank is entitled to redeem such notes pursuant to their terms and (ii) the principal amount of the notes to be redeemed.

Notice of intention to redeem such notes will be given to holders of the notes not more than 45 nor less than 30 days prior to the date fixed for redemption and such notice will specify, among other things, the date fixed for redemption, and on or promptly after the redemption date, it will give notice of the redemption price.

Modified Business Day

As described in the accompanying prospectus supplement, any payment on your note that would otherwise be due on a day that is not a business day may instead be paid on the next day that is a business day, with the same effect as if paid on the original due date. For your note, however, the term business day may have a different meaning than it does for other senior notes. We discuss this term under “—Special Calculation Provisions” below.

Role of Calculation Agent

The calculation agent will make all determinations regarding the level of the Reference Asset, modified business days, market disruption events, the default amount, and the amount payable on your notes. All determinations made by the calculation agent shall be made in its sole discretion and, absent manifest error, will be final and binding on you and us, without any liability on the part of the calculation agent. You will not be entitled to any compensation from us for any loss suffered as a result of any of the above determinations or confirmations by the calculation agent.

Our affiliate, Scotia Capital Inc., is currently serving as the calculation agent for the notes (unless otherwise specified in the applicable pricing supplement). We may change the calculation agent for your notes at any time without notice and the calculation agent may resign as calculation agent at any time upon 60 days’ written notice to the Bank.

Special Calculation Provisions

Business Day

When we refer to a business day with respect to your notes, we mean a day that is a business day of the kind described in the accompanying prospectus supplement, unless otherwise specified in the applicable pricing supplement. If the applicable pricing supplement specifies a different meaning for the term business day, we will use that modified definition in determining each applicable payment date as well as the maturity date for your notes, all as described in this product prospectus supplement.

Trading Day

When we refer to a trading day with respect to your notes, we mean a day on which the principal securities markets for the Reference Asset Constituents are scheduled to be open for trading, unless otherwise specified in the applicable pricing supplement.

HYPOTHETICAL RETURNS ON YOUR NOTES

The applicable pricing supplement may include a table or chart showing hypothetical amounts that could be delivered for your notes at maturity, based on a range of hypothetical levels of the Reference Asset and on various key assumptions shown in the applicable pricing supplement.

Any table or chart showing hypothetical amounts will be provided for purposes of illustration only. It should not be viewed as an indication or prediction of future investment results. Rather, it is intended merely to illustrate the impact that various hypothetical levels of the Reference Asset on any valuation date, as calculated in the manner

described in the applicable pricing supplement and assuming all other variables remained constant. The hypothetical amounts listed in the applicable pricing supplement will be entirely hypothetical. They will be based on levels of the Reference Asset that may not be achieved on the relevant valuation date and on assumptions that may prove to be erroneous.

As calculated in the applicable pricing supplement, the hypothetical amounts payable on your notes at maturity may bear little or no relationship to the actual market value of your notes on that date or at any other time, including any time you might wish to sell your notes. In addition, you should not view the hypothetical amounts as an indication of the possible financial return on an investment in your notes, since the financial return will be affected by various factors, including taxes, that the hypothetical information does not take into account. Moreover, whatever the financial return on your notes might be, it may bear little relation to — and may be much less than — the financial return that you might achieve were you to invest directly in the Reference Asset.

We describe various risk factors that may affect the market value of your notes, and the unpredictable nature of that market value, under “Additional Risk Factors Specific to the Notes” above.

We cannot predict the levels of the Reference Asset or, therefore, the payment at maturity. Moreover, the assumptions we make in connection with any hypothetical information in the applicable pricing supplement may not reflect actual events. Consequently, that information may give little or no indication of the amount that will be paid in respect of your notes at maturity, nor should it be viewed as an indication of the financial return on your notes or of how that return might compare to the financial return on an investment directly in the Reference Asset.

HISTORICAL REFERENCE ASSET LEVEL INFORMATION

We may provide historical level information on the Reference Asset or applicable Basket Components in the applicable pricing supplement. You should not take any of those historical levels as an indication of the future performance. We cannot give you any assurance that the level of the Reference Asset or Basket Components will not decrease (or, in the case of bearish notes, increase), thus causing you to receive an amount that is less, and possibly significantly less, than the Principal Amount of your notes at maturity, and you could lose all of your investment.

USE OF PROCEEDS AND HEDGING

We will use the net proceeds we receive from the sale of the notes for the purposes we describe in the accompanying prospectus supplement under “Use of Proceeds”. We or our affiliates may also use those proceeds in transactions intended to hedge our obligations under the notes as described below.

In anticipation of the sale of the notes, we or our affiliates expect, but are not required to enter into hedging transactions involving purchases of securities, indices or other assets included in or linked to the Reference Asset and/or listed and/or over-the-counter derivative instruments linked to the Reference Asset prior to or on the pricing date. From time to time, we or our affiliates may enter into additional hedging transactions or unwind those we have entered into. In this regard, we or our affiliates may:

- acquire or dispose of the Reference Asset or the Reference Asset Constituents;
- acquire or dispose of long or short positions in listed or over-the-counter derivative instruments based on the level of the Reference Asset or the Reference Asset Constituents; or
- any combination of the above two.

We or our affiliates may acquire a long or short position in securities similar to the notes from time to time and may, in our or their sole discretion, hold or resell those similar securities.

We or our affiliates may close out our or their hedge on or before the final valuation date. That step may involve sales or purchases of the instruments described above.

The hedging activity discussed above may adversely affect the market value of the notes from time to time. See “Additional Risk Factors Specific to the Notes— Trading and Other Transactions by the Bank, the Agents or our or their Affiliates in the Reference Asset or the Reference Asset Constituents, Futures, Options, Exchange-Traded Funds or Other Derivative Products May Adversely Affect the Market Value of the Notes” and “—The Business Activities of the Bank, the Agents or our or their Affiliates May Create Conflicts of Interest” in this product prospectus supplement for a discussion of these adverse effects.

SUPPLEMENTAL DISCUSSION OF CANADIAN TAX CONSEQUENCES

In the opinion of Osler, Hoskin & Harcourt LLP, Canadian counsel to the Bank, the following is a summary of the principal Canadian federal income tax considerations generally applicable to a purchaser who acquires, as a beneficial owner, notes, including entitlement to all payments thereunder, pursuant to the initial offering by the Bank made in connection with the original issuance of notes and who, at all relevant times, for purposes of the application of the Income Tax Act (Canada) and the Income Tax Regulations (collectively, the “Act”) is not, and is not deemed to be, resident in Canada, deals at arm’s length with the Bank and any transferee resident (or deemed to be resident) in Canada to whom the purchaser disposes of notes, does not use or hold notes in a business carried on in Canada, and is not a “specified non-resident shareholder” of the Bank for purposes of the Act or a non-resident person not dealing at arm’s length with a “specified shareholder” (as defined in subsection 18(5) of the Act) of the Bank (a “Non-Resident Holder”). Special rules, which are not discussed in this summary, may apply to a non-Canadian holder that is an insurer carrying on an insurance business in Canada and elsewhere.

This summary is based upon the current provisions of the Act and an understanding of the current administrative policies and assessing practices of the CRA 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 “Proposals”) and assumes that all Proposals will be enacted in the form proposed. However, no assurances can be given that the Proposals will be enacted as proposed, or at all. This summary does not otherwise take into account any changes in law or administrative practices or assessing policies, 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 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, 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 should consult their own tax advisors with regard to their own particular circumstances.

Interest paid or credited or deemed for purposes of the Act to be paid or credited on a note (including any amount paid at maturity in excess of the Principal Amount and interest deemed to be paid on the note in certain cases involving the assignment, deemed assignment or other transfer of a note to the Bank or any other resident or deemed resident of Canada) to a Non-Resident Holder will not be subject to Canadian non-resident withholding tax unless any portion of such interest 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 of shares of the capital stock of a corporation (“Participating Debt Interest”) subject to certain exceptions. Unless otherwise specified in the applicable pricing supplement, no portion of the interest paid or credited or deemed to be paid or credited on a note will be Participating Debt Interest. Any conclusion that interest paid or credited or deemed to be paid or credited on a note will not be Participating Debt Interest will be based in part on the published administrative position of the CRA.

No other Canadian federal taxes on income or gains will be payable by a Non-Resident Holder on interest or principal, or on proceeds received by a Non-Resident Holder on the disposition of an note, including on a redemption, payment on maturity, repurchase or purchase for cancellation.

MATERIAL U.S. FEDERAL INCOME TAX CONSEQUENCES

The U.S. federal income tax consequences of your investment in the notes are uncertain. There are no statutory provisions, regulations, published rulings or judicial decisions addressing the characterization for U.S. federal income tax purposes of how the notes should be treated for U.S. federal income tax purposes and we do not plan to request a ruling from the IRS. The following is a general description of certain material U.S. federal income tax consequences of the ownership and disposition of the notes and does not purport to be a complete analysis of all tax consequences relating to the notes. This summary is based upon the Internal Revenue Code of 1986, as amended (the "Code"), final, temporary and proposed Treasury regulations, rulings and decisions, in each case, as available and in effect as of the date of this document, all of which are subject to change, possibly with retroactive effect. Tax consequences under state, local and non-U.S. laws are not addressed herein. The applicable pricing supplement may contain a further discussion of the U.S. federal income tax consequences applicable to certain notes. The summary of the U.S. federal income tax considerations contained in the applicable pricing supplement supersedes the following summary to the extent it is inconsistent therewith. In addition, the discussion below assumes that an investor in the notes will be subject to a significant risk that it will lose a significant amount of its investment in the notes. If an investor in the notes is not subject to a significant risk that it will lose a significant amount of its investment in the notes, the U.S. federal income tax treatment of those notes may differ substantially from that described in the discussion below and such treatment will be described in the applicable pricing supplement. The discussion below also assumes that the notes will not provide for the payment of a coupon. If the notes provide for the payment of a coupon, the U.S. federal income tax treatment of the coupon will be described in the applicable pricing supplement. Prospective purchasers of the notes are urged to read the discussion below in addition to the discussion in the applicable pricing supplement relating to the notes and to consult their tax advisors as to the consequences under the tax laws of the country of which they are resident for tax purposes and the tax laws of Canada and the U.S. of acquiring, holding and disposing of the notes and receiving payments under the notes.

This discussion applies to you only if you acquire your notes upon initial issuance and hold your notes as capital assets for U.S. federal income tax purposes. This discussion 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 its securities holdings,
- a financial institution or a bank,
- a regulated investment company (a "RIC") or a real estate investment trust (a "REIT") or a common trust fund,
- a life insurance company,
- a tax-exempt organization or an investor holding the notes in a tax-advantaged account (such as an "Individual Retirement Account" or "Roth IRA"), as defined in Section 408 or 408A of the Code, respectively,
- a person that owns the notes as part of a hedging transaction, straddle, synthetic security, conversion transaction, or other integrated transaction, or enters into a "constructive sale" with respect to the notes or a "wash sale" with respect to the notes or any Reference Asset,
- a U.S. holder (as defined below) whose functional currency for tax purposes is not the U.S. dollar, or
- taxpayers subject to special tax accounting rules under Section 451(b) of the Code.

If you are considering the purchase of a note, you should consult your tax advisor concerning the application of the U.S. federal income tax laws to your particular situation, as well as any tax consequences arising under the laws of any state, local or non-U.S. jurisdictions.

Except as otherwise noted under "non-U.S. holders" below, this discussion is only applicable to you if you are a U.S. holder. You are a U.S. holder if you are a beneficial owner of a note and you are: (i) an individual who is a citizen or a resident of the U.S. for U.S. federal income tax purposes, (ii) a domestic corporation or other entity that is treated as a corporation for U.S. federal income tax purposes and is created or organized in or under the laws of the U.S. or any political subdivision thereof, (iii) an estate whose income is subject to U.S. federal income tax regardless of its source, or (iv) a trust if a court within the U.S. is able to exercise primary supervision over its

administration, and one or more U.S. persons for U.S. federal income tax purposes have the authority to control all substantial decisions of the trust.

An individual may, subject to certain exceptions, be deemed to be a resident of the U.S. for U.S. federal income tax purposes by reason of being present in the U.S. for at least 31 days in the calendar year and for an aggregate of at least 183 days during a three-year period ending in the current calendar year (counting for such purposes all of the days present in the current year, one-third of the days present in the immediately preceding year, and one-sixth of the days present in the second preceding year).

If a partnership, or any entity treated as a partnership for U.S. federal income tax purposes, holds the notes, the U.S. 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 notes should consult its tax advisor with regard to the U.S. federal income tax treatment of an investment in the notes.

In addition, we will not attempt to ascertain whether any Reference Asset Constituent Issuer would be treated as a passive foreign investment company (a “PFIC”) within the meaning of Section 1297 of the Code. If any such entity were so treated, certain adverse U.S. federal income tax consequences might apply upon the taxable disposition of a note. You should refer to information filed with the SEC or the equivalent governmental authority by such entities and consult your tax advisor regarding the possible consequences to you if any such entity is or becomes a PFIC.

Unless otherwise specified in the applicable pricing supplement, we expect that our counsel, Cadwalader, Wickersham & Taft LLP, based on certain factual representations received from us, would be able to opine that it would be reasonable to treat your notes as pre-paid derivative contracts with respect to the Reference Asset or Basket and the terms of the notes require you and us (in the absence of a statutory or regulatory change or an administrative determination or judicial ruling to the contrary) to treat the notes for all tax purposes in accordance with such characterization. If the notes are so treated, you should generally not accrue any income with respect to the notes during the term of the notes until a taxable disposition of the notes and you should generally recognize gain or loss upon such taxable disposition of your notes in an amount equal to the difference between the amount you receive at such time and your tax basis in the notes. In general, your tax basis in your notes will be equal to the amount you paid for your notes. Subject to the discussion below of the “constructive ownership” rules, such recognized gain or loss should generally be long-term capital gain or loss if you have held your notes for more than one year and otherwise should be short-term capital gain or loss. The deductibility of capital losses is subject to limitations.

It is possible that the IRS could assert that your holding period in respect of your notes should end on the date on which the amount you are entitled to receive upon maturity of your notes is determined, even though you will not receive any amounts from the Bank in respect of your notes prior to the maturity of your notes. In such case, you may be treated as having a holding period in respect of your notes ending prior to the maturity date for your notes, and your holding period may be treated as less than one year even if you receive cash on the maturity date of your notes at a time that is more than one year after the beginning of your holding period.

Except to the extent otherwise required by law or specified in the term sheet, we intend to treat the notes for U.S. federal income tax purposes in accordance with the treatment described above unless and until such time as the IRS and the Treasury determine that some other treatment is more appropriate.

Notice 2008-2

In 2007, the IRS released a notice that may affect the taxation of holders of the notes. According to Notice 2008-2, the IRS and the Treasury are actively considering whether a holder of an instrument such as the notes should be required to accrue ordinary income on a current basis, and they are seeking taxpayer comments on the subject. It is not possible to determine what guidance they will ultimately issue, if any. It is possible, however, that under such guidance, holders of the notes will ultimately be required to accrue income currently and this could be applied on a retroactive basis. The IRS and the Treasury are also considering other relevant issues, including whether additional gain or loss from such instruments should be treated as ordinary or capital, whether non-U.S. holders of such instruments should be subject to withholding tax on any deemed income accruals, and whether the special “constructive ownership rules” of Section 1260 of the Code should be applied to such instruments. Both U.S. and

non-U.S. holders are urged to consult their tax advisors concerning the significance, and the potential impact, of the above considerations on their investments in the notes.

Section 1260

If a note references a Reference Asset or Reference Asset Constituent that is treated as equity in a RIC (or a “trust”) such as certain trusts, certain ETFs, a REIT, a PFIC, a partnership (including a master limited partnership), or other “pass-thru entity” for purposes of Section 1260 of the Code, it is possible that the “constructive ownership transaction” rules of Section 1260 of the Code may apply, in which case the tax consequences of a taxable disposition of the notes could be materially and adversely affected. Under the “constructive ownership” rules, if an investment in the notes is treated as a “constructive ownership transaction”, any long-term capital gain recognized by a U.S. holder in respect of such notes will be recharacterized as ordinary income to the extent such gain exceeds the amount of “net underlying long-term capital gain” (as defined in Section 1260 of the Code) of the U.S. holder (the “Excess Gain”). In addition, an interest charge would also apply to any deemed underpayment of tax in respect of any “Excess Gain” to the extent such gain would have resulted in a gross income inclusion for the U.S. holder in taxable years prior to the taxable year of the taxable disposition of the notes (assuming such income accrued such that the amount in each successive year is equal to the income in the prior year increased at a constant rate equal to the applicable federal rate as of the date of the taxable disposition).

Because the application of the constructive ownership rules to the notes is unclear, holders are urged to consult their tax advisors regarding the potential application of those rules to an investment in the notes.

Alternative Treatments

Because of the absence of authority regarding the appropriate tax characterization of your notes, it is possible that the IRS could seek to characterize your notes in a manner that results in tax consequences to you that are materially different from those described above and could materially and adversely affect the timing and/or character of income or loss with respect to the notes.

Contingent Payment Debt Instrument. If the notes have a term that is more than one year, it is possible that the notes could be treated as debt instruments subject to the special tax rules governing contingent payment debt instruments. If the notes are so treated, you would be required to accrue interest income over the term of your notes based upon the yield at which we would issue a non-contingent fixed-rate debt instrument with other terms and conditions similar to your notes. You would recognize gain or loss upon the taxable disposition of your notes in an amount equal to the difference, if any, between the amount you receive at such time and your adjusted basis in your notes. In general, your adjusted basis in your notes would be equal to the amount you paid for your notes, increased by the amount of interest you previously accrued with respect to your notes. Any gain you recognize upon the taxable disposition of your notes would be ordinary income and any loss recognized by you at such time would be ordinary loss to the extent of interest you included in income in the current or previous taxable years in respect of your notes, and, thereafter, would be capital loss.

Contingent Short-Term Debt Instrument. Similarly, if the notes have a term of one year or less, it is possible that the notes could be treated as single contingent short-term debt instruments. However, there are no specific rules that govern this type of instrument, and therefore, if the notes were characterized as single contingent short-term debt instruments, the U.S. federal income tax treatment of the Securities would not be entirely clear.

Other Alternative Treatments. The IRS could also possibly assert that (i) you should be treated as owning the Reference Asset, any Basket Components or any Reference Asset Constituents, (ii) any gain or loss that you recognize upon the taxable disposition of the notes should be treated as ordinary gain or loss or short-term capital gain or loss, (iii) you should be required to accrue interest income over the term of your notes, (iv) you should be required to include in ordinary income an amount equal to any increase in the Reference Asset, any Basket Components or any Reference Asset Constituent that is attributable to ordinary income that is realized in respect of the Reference Asset, any Basket Components or any Reference Asset Constituent, such as interest, dividends or net-rental income or (v) you should be required to recognize taxable gain upon a rollover, rebalancing or change, if any, of any Reference Asset Constituent. You should consult your tax advisor as to the tax consequences of such characterization and any possible alternative characterizations of your notes for U.S. federal income tax purposes.

In The Case of Bearish Notes. The IRS could also possibly assert that you should be treated as entering into a short sale of the Reference Asset Constituents, in which case any gain or loss on such short sale could be short-term gain or loss, regardless of the holding period of the notes. It is also possible that the IRS might assert that any gain or loss that you recognize on the taxable disposition of the notes should be ordinary income or you should recognize gain or loss upon any change or rebalancing of the Reference Asset Constituents.

Medicare Tax on Net Investment Income

U.S. holders that are individuals, estates, and certain trusts are subject to an additional 3.8% tax on all or a portion of their “net investment income,” or “undistributed net investment income” in the case of an estate or trust, which may include any income or gain realized with respect to the notes, to the extent of their net investment income or undistributed net investment income (as the case may be) that, when added to their other modified adjusted gross income, exceeds \$200,000 for an unmarried individual, \$250,000 for a married taxpayer filing a joint return (or a surviving spouse), \$125,000 for a married individual filing a separate return or the dollar amount at which the highest tax bracket begins for an estate or trust. The 3.8% Medicare tax is determined in a different manner than the income tax. U.S. holders should consult their tax advisors as to the consequences of the 3.8% Medicare tax.

Information Reporting with respect to Foreign Financial Assets

U.S. holders may be subject to reporting obligations with respect to their notes if they do not hold their notes in an account maintained by a financial institution and the aggregate value of their notes and certain other “specified foreign financial assets” (applying certain attribution rules) exceeds an applicable threshold. Significant penalties can apply if a U.S. holder is required to disclose its notes and fails to do so.

Treasury Regulations Requiring Disclosure of Reportable Transactions

Treasury regulations require U.S. taxpayers to report certain transactions (“Reportable Transactions”) on IRS Form 8886. An investment in the notes or a sale of the notes generally should not be treated as a Reportable Transaction under current law, but it is possible that future legislation, regulations or administrative rulings could cause your investment in the notes or a sale of the notes to be treated as a Reportable Transaction. You should consult with your tax advisor regarding any tax filing and reporting obligations that may apply in connection with acquiring, owning or disposing of notes.

Backup Withholding and Information Reporting

The proceeds received from a taxable disposition of the notes will be subject to information reporting unless you are an “exempt recipient” and may also be subject to backup withholding at the rate specified in the Code if you fail to provide certain identifying information (such as an accurate taxpayer number, if you are a U.S. holder) or meet certain other conditions. If you are a non-U.S. holder and you provide a properly executed and fully completed applicable IRS Form W-8, you will generally establish an exemption from backup withholding.

Amounts withheld under the backup withholding rules are not additional taxes and may be refunded or credited against U.S. federal income tax liability, provided the required information is furnished to the IRS.

Non-U.S. Holders

For purposes of this discussion, you are a non-U.S. holder if you are the beneficial owner of the notes and are, for U.S. federal income tax purposes: (i) a non-resident alien individual; (ii) a non-U.S. corporation; or (iii) an estate or trust that, in either case, is not subject to U.S. federal income tax on a net income basis on income or gain from the notes. Subject to Section 871(m) of the Code and FATCA, discussed below, we generally expect to treat payments made to a non-U.S. holder upon the taxable disposition of the notes as exempt from U.S. withholding tax and from generally applicable information reporting and backup withholding requirements with respect to payments on the notes if the non-U.S. holder complies with certain certification and identification requirements as to its non-U.S. status, including providing us (and/or the applicable withholding agent) a fully completed and validly executed applicable IRS Form W-8.

In general, gain realized on a taxable disposition of the notes by a non-U.S. holder will not be subject to U.S. federal income tax, unless:

- the gain with respect to the notes is effectively connected with a trade or business conducted by the non-U.S. holder in the U.S.;
- the non-U.S. holder is a nonresident alien individual who holds the notes as a capital asset and is present in the U.S. 183 days or more in the taxable year of such taxable disposition (including but not limited to disposition by sale, exchange, redemption, or repayment of principal at maturity) and certain other conditions are satisfied; or
- the non-U.S. holder has certain other present or former connections with the U.S.

If the gain realized on the taxable disposition of the notes by the non-U.S. holder is described in either of the preceding bullet points, the non-U.S. holder may be subject to U.S. federal income tax with respect to the gain except to the extent that an income tax treaty reduces or eliminates the tax and the appropriate documentation is provided.

Section 897. We will not attempt to ascertain whether any Reference Asset Constituent Issuer would be treated as a “United States real property holding corporation” (“USRPHC”) or whether the notes should be treated as “United States real property interests” (“USRPIs”), each as defined in Section 897 of the Code. If any such issuer and the notes were so treated, certain adverse U.S. federal income tax consequences could possibly apply, including subjecting any gain to a non-U.S. holder in respect of a note upon a taxable disposition of the note to U.S. federal income tax on a net basis, and the proceeds from such a taxable disposition to a 15% withholding tax. Non-U.S. holders should consult their tax advisors regarding the potential treatment of any such entity as USRPHC and the notes as USRPIs.

Section 871(m). The Treasury has issued regulations under which a 30% withholding tax (which may be reduced by an applicable income tax treaty) is imposed on certain “dividend equivalents” paid or deemed paid to a non-U.S. holder with respect to a “specified equity-linked instrument” that references one or more indices comprised of U.S.-source dividend-paying equity securities (an “871(m) Specified ELI”). The withholding tax can apply even if the 871(m) Specified ELI does not provide for payments that reference dividends. Under these regulations, the withholding tax generally will apply to 871(m) Specified ELIs (or a combination of 871(m) Specified ELIs treated as having been entered into in connection with each other) issued (or reissued, as discussed below) on or after January 1, 2019, but will also apply to certain 871(m) Specified ELIs (or a combination of 871(m) Specified ELIs treated as having been entered into in connection with each other) that have a delta of one (“Delta One Specified ELIs”) issued (or reissued, as discussed below) on or after January 1, 2017. However, the IRS has issued guidance that states that the Treasury and the IRS intend to amend the effective dates of the Treasury regulations to provide that withholding on dividend equivalents paid or deemed paid will not apply to specified equity-linked instruments that are not Delta-One Specified ELIs and are issued before January 1, 2021.

The 30% withholding tax may also apply if the notes are deemed to be reissued for tax purposes upon the occurrence of certain events affecting the Reference Asset, the Reference Asset Constituents or the notes, and following such occurrence the notes could be treated as delta-one specified equity-linked instruments that are subject to withholding on dividend equivalents. It is also possible that withholding tax or other Section 871(m) tax could apply to the notes under these rules if a non-U.S. holder enters, or has entered, into certain other transactions in respect of a Reference Asset, the Reference Asset Constituents or the notes. Because of the uncertainty regarding the

application of the 30% withholding tax on dividend equivalents to the notes, non-U.S. holders are urged to consult their tax advisors regarding the potential application of Section 871(m) of the Code to the notes (including in the context of their other transactions in respect of a Reference Asset, the Reference Asset Constituents or the notes, if any) and the 30% withholding tax to an investment in the notes.

U.S. Federal Estate Tax Treatment of Non-U.S. Holders. Notes may be subject to U.S. federal estate tax if an individual non-U.S. holder holds the notes at the time of his or her death. The gross estate of a non-U.S. holder domiciled outside the U.S. includes only property situated in the U.S. Individual non-U.S. holders should consult their tax advisors regarding the U.S. federal estate tax consequences of holding the notes at death.

Foreign Account Tax Compliance Act

The Foreign Account Tax Compliance Act (“FATCA”) generally imposes a 30% U.S. withholding tax on “withholdable payments” (i.e., certain U.S.-source payments, including interest (and original issue discount), dividends, other fixed or determinable annual or periodical gain, profits, and income, and on the gross proceeds from a disposition of property of a type which can produce U.S. -source interest or dividends) and “passthru payments” (i.e., certain payments attributable to withholdable payments) made to certain foreign financial institutions (and certain of their affiliates) unless the payee foreign financial institution agrees (or is required), among other things, to disclose the identity of any U.S. individual with an account of the institution (or the relevant affiliate) and to annually report certain information about such account. FATCA also requires withholding agents making withholdable payments to certain foreign entities that do not disclose the name, address, and taxpayer identification number of any substantial U.S. owners (or do not certify that they do not have any substantial U.S. owners) to withhold tax at a rate of 30%. Under certain circumstances, a holder may be eligible for refunds or credits of such taxes.

Pursuant to final and temporary Treasury regulations and other IRS guidance, the withholding and reporting requirements under FATCA generally apply to certain “withholdable payments”, will not apply to gross proceeds on a sale or disposition, and will generally apply to certain foreign passthru payments only to the extent that such payments are made after the date that is two years after final regulations defining the term “foreign passthru payment” are published. If withholding is required, we (or the applicable paying agent) will not be required to pay additional amounts with respect to the amounts so withheld. Foreign financial institutions and non-financial foreign entities located in jurisdictions that have an intergovernmental agreement with the U.S. governing FATCA may be subject to different rules.

Investors should consult their tax advisors about the application of FATCA, in particular if they may be classified as financial institutions (or if they hold their notes through a non-U.S. entity) under the FATCA rules.

Proposed Legislation

In 2007, legislation was introduced in Congress that, if it had been enacted, would have required holders instruments similar to the notes that were purchased after the bill was enacted to accrue interest income over the term of such instruments even if such instruments provide that there will be no interest payments over their term.

Additionally, in 2013, the House Ways and Means Committee released in draft form certain proposed legislation relating to financial instruments. If it had been enacted, the effect of this legislation generally would have been to require instruments such as the notes to be marked to market on an annual basis with all gains and losses to be treated as ordinary, subject to certain exceptions.

It is not possible to predict whether any similar or identical bills will be enacted in the future, or whether any such bill would affect the tax treatment of your notes. Holders are urged to consult their tax advisors regarding the possible changes in law and their possible impact on an investment in the notes.

Both U.S. and non-U.S. holders are urged to consult their tax advisors regarding the U.S. federal income tax consequences of an investment in the notes (including possible application of Section 1260 of the Code, alternative treatments and the issues presented by Notice 2008-2), as well as any tax consequences arising under the laws of any state, local or non-U.S. taxing jurisdiction (including that of any Reference Asset Constituent Issuer).

CERTAIN ERISA CONSIDERATIONS

Each fiduciary of a pension, profit-sharing, or other employee benefit plan subject to the Employee Retirement Income Security Act of 1974, as amended (“ERISA”) (a “Plan”), should consider the fiduciary standards of ERISA in the context of the Plan’s particular circumstances before authorizing an investment in the notes. 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.

In addition, we, the agents, and certain of our or their respective subsidiaries and affiliates may be each considered a party in interest within the meaning of ERISA, or a disqualified person (within the meaning of Section 4975 of the Code), with respect to many Plans, as well as many individual retirement accounts and Keogh plans (also “Plans”). Prohibited transactions within the meaning of ERISA or the Code would likely arise, for example, if the notes are acquired by or with the assets of a Plan with respect to which we or any of our affiliates is a party in interest or a disqualified person, unless the notes are acquired under an exemption from the prohibited transaction rules. A violation of these prohibited transaction rules could result in an excise tax or other liabilities under ERISA and/or Section 4975 of the Code for such persons, unless exemptive relief is available under an applicable statutory or administrative exemption.

Under ERISA and various prohibited transaction class exemptions (“PTCEs”) issued by the U.S. Department of Labor, exemptive relief may be available for direct or indirect prohibited transactions resulting from the purchase, holding, or disposition of the notes. Those exemptions include PTCE 96-23 (for certain transactions determined by in-house asset managers), PTCE 95-60 (for certain transactions involving insurance company general accounts), PTCE 91-38 (for certain transactions involving bank collective investment funds), PTCE 90-1 (for certain transactions involving insurance company separate accounts), PTCE 84-14 (for certain transactions determined by independent qualified asset managers), and the exemption under Section 408(b)(17) of ERISA and Section 4975(d)(20) of the Code for certain transactions with a person that is a party in interest or disqualified person solely by reason of providing services to Plans or being an affiliate of such a service provider (the “Service Provider Exemption”).

Because we and the Bank each may be considered a party in interest or disqualified person with respect to many Plans, the notes may not be purchased, held, or disposed of by any Plan, any entity whose underlying assets include plan assets by reason of any Plan’s investment in the entity (a “Plan Asset Entity”) or any person investing plan assets of any Plan, unless such purchase, holding, or disposition is eligible for exemptive relief, including relief available under PTCE 96-23, 95-60, 91-38, 90-1, or 84-14 or the Service Provider Exemption, or such purchase, holding, or disposition is otherwise not prohibited. Any purchaser, including any fiduciary purchasing on behalf of a Plan, transferee or holder of the notes will be deemed to have represented, in its corporate and its fiduciary capacity, by its purchase and holding of the notes that either (a) it is not and will not be a Plan or a Plan Asset Entity and is not purchasing such notes on behalf of or with plan assets of any Plan or any plan subject to similar laws or (b) its purchase, holding, and disposition will not constitute or result in a non-exempt prohibited transaction due to the application of a statutory or administrative exemption or such purchase, holding, and disposition will not otherwise be prohibited under ERISA or Section 4975 of the Code or a violation of any similar laws.

Further, any person acquiring or holding the notes on behalf of any plan or with any plan assets shall be deemed to represent on behalf of itself and such plan that (x) the plan is paying no more than, and is receiving no less than, adequate consideration within the meaning of Section 408(b)(17) of ERISA and/or Section 4975(f)(10) of the Code in connection with the transaction or any redemption of the notes, (y) none of us or any agent directly or indirectly exercises any discretionary authority or control or renders investment advice or otherwise acts in a fiduciary capacity with respect to the assets of the plan within the meaning of ERISA and/or Section 4975 of the Code and (z) in making the foregoing representations and warranties, such person has applied sound business principles in determining whether fair market value will be paid, and has made such determination acting in good faith.

The fiduciary investment considerations summarized above generally apply to employee benefit plans maintained by private-sector employers and to individual retirement accounts and other arrangements subject to Section 4975 of the Code, but generally do not apply to governmental plans (as defined in Section 3(32) of ERISA), certain church plans (as defined in Section 3(33) of ERISA), and foreign plans (as described in Section 4(b)(4) of ERISA). However, these other plans may be subject to similar provisions under applicable federal, state, local, foreign, or

other regulations, rules, or laws (“similar laws”). The fiduciaries of plans subject to similar laws should also consider the foregoing issues in general terms as well as any further issues arising under the applicable similar laws.

In addition, any purchaser, that is a Plan or a Plan Asset Entity or that is acquiring the notes on behalf of a Plan or a Plan Asset Entity, including any fiduciary purchasing on behalf of a Plan or Plan Asset entity, will be deemed to have represented, in its corporate and its fiduciary capacity, by its purchase and holding of the notes that (a) none of us, the agents or any of our or their respective affiliates is a “fiduciary” (under Section 3(21) of ERISA, or under any final or proposed regulations thereunder, or with respect to a governmental, church, or foreign plan under any similar laws) with respect to the acquisition, holding or disposition of the notes, or as a result of any exercise by us or our affiliates of any rights in connection with the notes, (b) no advice provided by us or any of our affiliates has formed a primary basis for any investment decision by or on behalf of such purchaser in connection with the notes and the transactions contemplated with respect to the notes, and (c) such purchaser recognizes and agrees that any communication from us or any of our affiliates to the purchaser with respect to the notes is not intended by us or any of our affiliates to be impartial investment advice and is rendered in its capacity as a seller of such notes and not a fiduciary to such purchaser. Purchasers of the notes have exclusive responsibility for ensuring that their purchase, holding, and disposition of the notes do not violate the prohibited transaction rules of ERISA or the Code or any similar regulations applicable to governmental or church plans, as described above.

This discussion is a general summary of some of the rules which apply to benefit plans and their related investment vehicles. This summary does not include all of the investment considerations relevant to Plans and other benefit plan investors such as governmental, church, and foreign plans and should not be construed as legal advice or a legal opinion. Due to the complexity of these rules and the penalties that may be imposed upon persons involved in non-exempt prohibited transactions, it is particularly important that fiduciaries or other persons considering purchasing the notes on behalf of or with “plan assets” of any Plan or other benefit plan investor consult with their legal counsel prior to directing any such purchase.

SUPPLEMENTAL PLAN OF DISTRIBUTION (CONFLICTS OF INTEREST)

With respect to each note to be issued, the Bank will agree to sell to SCUSA, and/or such other agent(s) specified in the applicable pricing supplement, and such agent(s) will agree to purchase from the Bank, the Principal Amount of the note specified, at the price, and will receive the underwriter's commission specified under "Net proceeds to the issuer", in the applicable pricing supplement. SCUSA intends to resell each note it purchases at the original issue price specified in the applicable pricing supplement. In the future, SCUSA or one of our other affiliates may repurchase and resell the notes in market-making transactions, with resales being made at prices related to prevailing market prices at the time of resale or at negotiated prices. For more information about the plan of distribution, the distribution agreement and possible market-making activities, see "Supplemental Plan of Distribution (Conflicts of Interest)" in the accompanying prospectus supplement and "Plan of Distribution (Conflicts of Interest)" in the accompanying prospectus.

To the extent the agents resell notes to a broker or dealer less a concession equal to the entire underwriting discount, such broker or dealer may be deemed to be an "underwriter" of the notes as such term is defined in the Securities Act of 1933, as amended.

This product prospectus supplement does not constitute an offer of the notes, directly or indirectly, in Canada or to residents of Canada. The notes will not be qualified for sale under the securities laws of any province or territory of Canada.

Prohibition of Sales to European Economic Area Retail Investors

The notes are not intended to be offered, sold or otherwise made available to and should not be offered, sold or otherwise made available to any retail investor in the European Economic Area ("EEA"). For these purposes, a retail investor means a person who is one (or more) of: (i) a retail client as defined in point (11) of Article 4(1) of Directive 2014/65/EU, as amended ("MiFID II"); (ii) a customer within the meaning of Directive 2002/92/EC, as amended, where that customer would not qualify as a professional client as defined in point (10) of Article 4(1) of MiFID II; or (iii) not a qualified investor as defined in Directive 2003/71/EC, as amended. Consequently no key information document required by Regulation (EU) No 1286/2014, as amended (the "PRIIPs Regulation"), for offering or selling the notes or otherwise making them available to retail investors in the EEA has been prepared and therefore offering or selling the notes or otherwise making them available to any retail investor in the EEA may be unlawful under the PRIIPs Regulation.

Conflicts of Interest

Because SCUSA is an affiliate of the Bank, SCUSA has a "conflict of interest" as defined in FINRA Rule 5121. In addition, the Bank will receive the net proceeds from an initial public offering of the notes, thus creating an additional conflict of interest within the meaning of Rule 5121. Consequently, any such offering is being conducted in compliance with the provisions of Rule 5121. Neither SCUSA nor any other agent is permitted to sell notes in any such offering to an account over which it exercises discretionary authority without the prior specific written approval of the account holder.

Prospectus Supplement to the Prospectus Dated December 26, 2018



**The Bank of Nova Scotia
Senior Note Program, Series A
Senior Note Program, Series B**

The Bank of Nova Scotia (the “Bank”) may from time to time offer and issue unsecured unsubordinated notes (the “notes”), Series A, which will not be bail-inable debt securities, and Series B, which will be bail-inable debt securities (as used herein, the “bail-inable notes”), each of which would constitute deposit liabilities of the Bank for purposes of the *Bank Act* (Canada) (the “Bank Act”), in an aggregate initial offering price of the notes (or the U.S. dollar equivalent thereof if any of the notes are denominated in a currency or currency unit other than U.S. dollars) of up to the aggregate initial offering price specified in the accompanying prospectus dated December 26, 2018 (the “Prospectus”).

The offering of the notes hereunder will be made pursuant to a senior note program (the “Senior Note Program”) described in this prospectus supplement (the “Prospectus Supplement”). The specific terms of the notes will be described in the applicable Pricing Supplement (the “Pricing Supplement”), together with, if applicable, a product prospectus supplement (the “Product Prospectus Supplement”). The terms of the notes may include the following:

- fixed or floating interest rate, zero-coupon or issued with original issue discount; a floating interest rate may be based on:
 - commercial paper rate
 - U.S. prime rate
 - London interbank offered rate (“LIBOR”)
 - euro interbank offered rate (“EURIBOR”)
 - Treasury rate
 - constant maturity treasury rate (“CMT rate”)
 - certificate of deposit interest rate (“CD rate”)
 - consumer price index (“CPI”)
 - constant maturity swap rate (“CMS rate”)
 - federal funds rate
 - any other rate specified in the applicable Pricing Supplement
- Ranked as senior indebtedness of the Bank
- amount of principal and/or interest may be determined by reference to one or more of each “index” (as defined herein)
- book-entry form only through The Depository Trust Company
- redemption at the option of the Bank or at the option of the holder
- unless otherwise specified in the applicable Pricing Supplement, interest on notes, if any, will be paid monthly, quarterly, semi-annually or annually
- unless otherwise set forth in the applicable Pricing Supplement, minimum denominations of US\$1,000 and integral multiples of US\$1,000 in excess thereof (except that non-U.S. investors may be subject to higher minimums)
- unless otherwise set forth in the applicable Pricing Supplement, denominated in U.S. dollars or in a composite currency
- settlement in immediately available funds

The aggregate initial offering price of the notes is subject to reduction as a result of the sale by the Bank of other debt securities pursuant to one or more other prospectus supplements under the Prospectus.

If the applicable Pricing Supplement specifies that the notes are bail-inable notes, we may redeem such notes at our option, in whole, on or within 90 days after the occurrence of a TLAC Disqualification Event (as defined herein), at a redemption price equal to 100% of the principal amount thereof, plus any accrued and unpaid interest to, but excluding, the date fixed for redemption. See “Description of the Notes — Provisions Specific to Bail-inable Notes — TLAC Disqualification Event Redemption” herein.

Investing in the notes involves risks. Any payment to be made on the notes, including any repayment of principal, depends on the ability of the Bank to satisfy its obligations as they come due. See “Risk Factors” beginning on page S-2 of this Prospectus Supplement and page 5 of the Prospectus.

Neither the Securities and Exchange Commission (the “SEC”) nor any other regulatory body has approved or disapproved of the notes, or determined if this Prospectus Supplement or the accompanying Prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

The notes will not constitute deposits that are insured under the Canada Deposit Insurance Corporation Act (Canada) or by the United States Federal Deposit Insurance Corporation or any other Canadian or U.S. government agency or instrumentality.

If the applicable Pricing Supplement specifies that the notes are bail-inable notes, such notes 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 (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 notes. See “Description of the Notes — Provisions Specific to Bail-inable Notes — Agreement with Respect to the Exercise of Canadian Bail-in Powers” herein.

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

The Bank may use this Prospectus Supplement in the initial sale of any notes. In addition, Scotia Capital (USA) Inc. (“SCUSA”) or any other affiliate of the Bank may use this Prospectus Supplement and accompanying Prospectus in a market-making or other transaction in any note after its initial sale. Unless the Bank or its agent informs the purchaser otherwise in the confirmation of sale or the applicable Pricing Supplement, this Prospectus Supplement and accompanying Prospectus are being used in a market-making transaction.

Scotia Capital (USA) Inc.

Prospectus supplement dated December 26, 2018

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You should rely only on the information incorporated by reference or provided in this Prospectus Supplement, any applicable Product Prospectus Supplement or the applicable Pricing Supplement (collectively, the “applicable Supplements”), and the accompanying Prospectus. We have not authorized anyone to provide you with different information. The aforementioned documents do not constitute an offer to sell or a solicitation of an offer to buy any securities other than the notes described in the applicable Supplements nor do they constitute an offer to sell or a solicitation of an offer to buy such notes in any jurisdiction to any person to whom it is unlawful to make such offer or solicitation in such jurisdiction. The delivery of the accompanying Prospectus and any applicable Supplements at any time does not imply that the information they contain is correct as of any time subsequent to their respective dates.

About This Prospectus Supplement

This Prospectus Supplement and the accompanying Prospectus provide you with a general description of the notes we may offer. Capitalized terms used but not defined herein shall have the meaning assigned to them in the accompanying Prospectus. The applicable Pricing Supplement will provide specific information about the terms of the notes being offered. The applicable Pricing Supplement may include a discussion of any risk factors or other special considerations that apply to those notes and may also add, update or change the information in the accompanying Prospectus and the other applicable Supplements. If there is any inconsistency between the terms of the notes described in the accompanying Prospectus, this Prospectus Supplement, the applicable Product Prospectus Supplement and the applicable Pricing Supplement, the following hierarchy will govern: first, the applicable Pricing Supplement; second, the applicable Product Prospectus Supplement; third, this Prospectus Supplement; and last, the accompanying Prospectus.

Unless otherwise specified in the applicable Supplement:

- all dollar amounts are expressed in U.S. dollars;
- “the Bank”, “we”, “us” and “our” mean The Bank of Nova Scotia together, where the context requires, with its subsidiaries; and
- “you”, “your” and “holder” means a prospective purchaser or a purchaser of notes, or a beneficial or registered holder of notes, provided that a reference to “registered holder” means a registered holder of notes (see “Legal Ownership and Book-Entry Issuance” and “Description of the Debt Securities We May Offer” in the Prospectus and “Global Notes” under the heading “Description of the Notes” in this Prospectus Supplement).

Risk Factors

Investing in the notes involves risks. You should understand the risks of investing in the notes and should reach an investment decision only after careful consideration with your advisors of the suitability of the notes in light of your particular financial circumstances, the following risk factors and the other information included or incorporated by reference in the accompanying Prospectus and the applicable Supplements. We have no control over a number of matters, including economic, financial, regulatory, geographic, judicial and political events, that are important in determining the existence, magnitude and longevity of these risks and their influence on the value of, or the payments made on or settlement of obligations with respect to, the notes. You should not purchase the notes unless you understand and can bear these investment risks.

An Investment in the Notes Is Subject to Our Credit Risk

An investment in any of the notes issued under our Senior Note Program is subject to our credit risk. Any payment to be made on the notes, including any repayment of principal, depends on the ability of the Bank to satisfy its obligations as they come due. Further, the existence of a trading market for, and the market value of, any of the notes may be impacted by market perception of our creditworthiness. If market perception of our creditworthiness were to decline for any reason, the market value of your notes and the availability of a trading market for the notes may be adversely affected.

Investors in Indexed Notes Could Lose Their Entire Investment

Indexed notes may present a high level of risk, and those who invest in indexed notes may lose their entire investment. We use the term “indexed notes” to mean notes with an amount of principal and/or interest payable that will be determined by reference to the price, value or level of one or more equity securities, exchange traded funds, indices, currencies, commodities, financial or economic measures, or indices or baskets of the aforementioned items or pursuant to a formula. 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 any interest payable on the indexed note. The terms of a particular indexed note may or may not include a return of a percentage of the face amount at maturity or a minimum interest rate. Thus, if you purchase an indexed note, you may lose all or a portion of the principal or other amount you invest and may receive no interest on your investment.

Significant Aspects of the Tax Treatment of an Investment in Indexed Notes Are Uncertain

We do not plan to request a ruling from the Internal Revenue Service or from any Canadian authorities regarding the tax treatment of an investment in indexed notes, and the Internal Revenue Service, the Canada Revenue Agency or a court may not agree with the tax treatment described in the applicable Product Prospectus Supplement or Pricing Supplement.

Further, 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, in addition to reading the applicable discussions herein under “Certain Income Tax Consequences” and the tax treatment described in the applicable Product Prospectus Supplement and Pricing Supplement, you should independently evaluate the federal income tax consequences of purchasing an indexed note that apply in your particular circumstances and consult your tax advisor about your tax situation.

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

The issuer of a security that serves as 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. The issuer may take actions, such as a merger or sale of assets, without regard to the interests of the holder. 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 constituent.

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 “– There are Risks Relating to Notes Denominated or Payable in or Linked to a Non-U.S. Dollar Currency” below for more information about these kinds of government actions.

An Indexed Note May Be Linked to a Volatile Index, Which Could Hurt the Value of 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 any 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, and/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 compiled by us, our affiliates or third parties may consist of or refer to several or many different index constituents. 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, our affiliates or third parties 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 or a suspension or disruption of trading in one or more index constituents on which the index is based. 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 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 and/or its rate of return 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 index constituents, or options or futures contracts on these indices or index constituents, may be limited, which could increase their volatility and decrease the value of the related indexed notes and/or their rates of return.

For Certain Types of Notes, the Interest Rate Payable During the Initial Interest Period May Not Be Indicative of the Interest Rate Payable During Subsequent Interest Periods.

The interest rate of certain notes that we may offer may be based on a different rate during the initial interest period than in subsequent interest periods. In particular, during the interest period(s) where a fixed rate of interest (or other financial measure) applies, this fixed rate of interest (or other financial measure) may be higher than the floating rate of interest (or other financial measure) that will be applicable during subsequent interest period(s). As noted above, the interest rate during the interest period where a floating rate of interest is applicable is uncertain and could be equal to or less than 0%.

The Interest Rate on the Notes Will Be Limited if the Notes have a Maximum Interest Rate.

If the applicable Pricing Supplement specifies that your notes have a maximum interest rate, the interest rate payable on your notes during any period will be limited to the maximum rate specified in the applicable Pricing Supplement. Therefore, the return you receive during any interest period may be less than what you would have received had you invested in a security that was not subject to a maximum interest rate.

Notes Linked to the CPI Are Subject to Additional Risks.

If the interest rate on your notes is linked to the CPI, as described further under “Description of the Notes — Interest Rates — Consumer Price Index”, the level of the CPI may decrease during periods of little or no inflation (and will decrease during periods of deflation). In such a case, depending on the terms of your notes specified in the applicable Pricing Supplement, the interest rate on your notes during any interest period may be small, and may even be equal to or less than 0.00%.

The CPI Itself and the Method by which the Bureau of Labor Statistics of the U.S. Bureau of Labor Statistics (“BLS”) Calculates the CPI May Change In the Future. If the interest rate on your notes is linked to the CPI, the BLS may change the method by which it calculates the CPI, which could affect the level of the CPI used to calculate the interest rate (or, if applicable, determine whether the CPI is within the reference rate range) applicable to your notes. In particular, changes in the way the CPI is calculated could reduce the level of the CPI, which, if the interest rate on your notes is a floating rate of interest linked to the CPI, will result in lower interest payments during the applicable interest period(s), and in turn reduce the market value of the notes.

Consumer Prices May Change Unpredictably, Affecting the Level of the CPI and the Market Value of the Notes in Unforeseeable Ways. Market prices of the consumer items underlying the CPI may fluctuate based on numerous factors, including: changes in supply and demand relationships; weather; agriculture; trade; fiscal, monetary, and exchange control programs; domestic and foreign political and economic events and policies; disease; technological developments; and changes in interest rates. These factors may affect the level of the CPI and the market value of the notes in varying ways, and different factors may cause the level of the CPI to move in inconsistent directions at inconsistent rates.

Current Pricing Information About the Applicable Index and/or Index Constituents May Not Be Available Due to Time Zone Differences

Special risks may also be presented because of differences in time zones between the United States and the market for the applicable index and/or index constituents, such that the applicable index and/or index constituents are 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 applicable index and/or index constituents 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 applicable index and/or index constituents 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 applicable index and/or index constituents for the note, or involving derivative instruments, such as swaps, options or futures, on the applicable index and/or index constituents. To the extent that we enter into hedging arrangements with a non-affiliate, including a non-affiliated 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 from our hedging transactions while the value of the indexed note may decline.

We are under no obligation to hedge our exposure under a particular indexed note. There can be no assurance that any hedging transactions we may choose to undertake will be maintained over the term of the note or will be successful. Regardless of whether we engage in hedging transactions, you have no claim to or in respect of any particular asset which we hold and depend upon our creditworthiness for payment of any amounts due under a note.

Historical 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 applicable Pricing Supplement. Any historical information about indices that we may provide will be furnished as a matter of information only, and you should not regard such information as indicative of future performance of the relevant index.

We May Have Conflicts of Interest Regarding an Indexed Note

SCUSA and our other affiliates and unaffiliated agents may have conflicts of interest with respect to some indexed notes. SCUSA and our other affiliates and unaffiliated agents 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 applicable index and/or index constituents or in other derivative instruments related to the applicable index and/or index constituents. These trading activities could adversely affect the value of indexed notes. We and our affiliates and unaffiliated agents may also issue or underwrite securities or derivative instruments that are linked to the same index as one or more indexed notes. Introducing competing products into the marketplace in this manner could adversely affect the value of a particular indexed note.

We or our affiliates or an unaffiliated entity that provides us a hedge in respect of indexed notes may serve as calculation agent and/or exchange rate agent for the indexed notes and may have considerable discretion in calculating the amounts payable in respect of the notes. To the extent that we or another of our affiliates or such an unaffiliated entity 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 security.

Floating Rates of Interest are Uncertain and Could be Equal to or Less Than 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 equal to or less than 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 that of a fixed rate security issued for a similar term by a comparable issuer. Even if your yield on the notes is positive, and even if your notes have a specified fixed rate of interest for one or more interest periods, the return on your investment may not compensate you for the opportunity cost when you take into account factors, such as inflation, that affect the time value of money.

Changes or uncertainty in respect of LIBOR or EURIBOR may affect the value of and return on the notes, including where LIBOR or EURIBOR may not be available.

Various interest rates and other indices that are deemed to be "benchmarks," including the London Inter-Bank Offered Rate ("LIBOR"), are the subject of recent national, international and other regulatory guidance and proposals for reform. Some of these reforms are already effective, including the EU Benchmark Regulation (Regulation (EU) 2016/1011) (the "Benchmarks Regulation"), which compliance date was January 1, 2018, while others are still to be implemented.

These reforms and other pressures may cause LIBOR to disappear entirely, to perform differently than in the past (as a result of a change in methodology or otherwise), create disincentives for market participants to continue to administer or contribute to LIBOR or have other consequences that cannot be predicted. On July 27, 2017, the Chief Executive of the UK Financial Conduct Authority (the "FCA"), which regulates LIBOR, announced that the FCA will no longer persuade or compel banks to submit rates for the calculation of LIBOR after 2021.

It is not possible to predict the further effect of any changes in the methods by which LIBOR or EURIBOR rates are determined, nor is it possible to predict the effect of any other reforms or proposals affecting LIBOR, EURIBOR or any other relevant benchmarks that may be enacted in the future, and may adversely affect the trading market for securities that bear interest at rates based on LIBOR and/or EURIBOR, including the notes. In addition, any future changes in the method pursuant to which LIBOR, EURIBOR or any other relevant benchmark is

determined or the transition to a successor benchmark may result in, among other things: (i) a sudden or prolonged increase or decrease in the reported benchmark or any successor benchmark rates; (ii) a delay in the publication of LIBOR or any such benchmark rates; (iii) a change in the rules or methodologies in such benchmark or any successor benchmarks that discourage market participants from continuing to administer or participate in such benchmark or any successor benchmarks; and (iv) such benchmark or any successor benchmark rate no longer being determined and published. Accordingly, in respect of the notes, such proposals for reform and changes in applicable regulation could have a material adverse effect on the value of and return on the notes (including potential rates of interest thereon).

Based on the foregoing, investors in the notes should be aware that:

- (a) any of the reforms or pressures described above or any other changes to the relevant benchmark could affect the level of the published rate, including to cause it to be lower and/or more volatile than it would otherwise be; and
- (b) if LIBOR or EURIBOR is discontinued prior to the maturity of certain LIBOR or EURIBOR notes, then the rate of interest on such notes will be determined by the fall-back provisions provided for under “Description of the Notes — Interest Rates — LIBOR Notes” and “— EURIBOR Notes” herein. Such provisions may not operate as intended depending on market circumstances and the availability of rates information at the relevant time. This may result, to the extent that other fall-back provisions provided for in this Prospectus Supplement are not applicable, in the effective application of a fixed rate based on the LIBOR rate that applied in the last period for which the LIBOR rate was available.

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

If you intend to invest in a non-U.S. dollar note – e.g., 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 or reference to a non-U.S. dollar currency or index denominated in or otherwise linked to 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.

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, or where value is otherwise linked to, 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.

Government Policy Can Adversely Affect Foreign Currency Exchange Rates and an Investment in a Non-U.S. Dollar Note

Foreign 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 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 note 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.

Historical Information About Exchange Rates May Not Be Indicative of Future Performance

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

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.

The applicable Product Prospectus Supplement contains a general discussion of material U.S. and Canadian tax consequences of the applicable notes. If you are a non-U.S. investor, you should consult your tax advisor 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.

The Notes Lack Liquidity

The notes will not be listed on any securities exchange or automated quotation system. Therefore, there may be little or no secondary market for the notes. Scotia Capital (USA) Inc. or any other dealer may, but is not obligated to, make a market in the notes. Even if there is a secondary market, it may not provide enough liquidity to allow you to trade or sell the notes easily. The price at which you may be able to trade your notes is likely to depend on the price, if any, at which Scotia Capital (USA) Inc. or any other dealer, if they choose to make a market in the notes, is willing to purchase the notes from you. If at any time Scotia Capital (USA) Inc. or any other dealer were not to make a market in the notes, it is likely that there would be no secondary market for the notes. Accordingly, you should be willing to hold your notes to maturity.

Risks Related to Bail-inable Notes

If the Applicable Pricing Supplement Specifies that the Notes are Bail-inable Notes, such Notes will be Subject to Risks of 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, if the Canada Deposit Insurance Corporation (“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 bail-inable notes being exposed to losses and 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, and you will be obligated to accept those common shares. As a result, if the applicable Pricing Supplement specifies that the notes are bail-inable notes, you should consider the risk that you may lose all or part 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.

Please see the discussion in the accompanying Prospectus under “Risk Factors — Risks Related to the Bank’s Debt Securities” and “Description of the Debt Securities We May Offer — Canadian Bank Resolution Powers” for additional information.

The senior debt securities indenture will provide only limited acceleration and enforcement rights for bail-inable notes and includes other provisions intended to qualify notes as TLAC.

If the applicable Pricing Supplement specifies that the notes are bail-inable notes, holders and beneficial owners of such notes may only exercise, or direct the exercise of, the rights described under “Description of the Debt Securities We May Offer — Events of Default — Remedies If an Event of Default Occurs” in the accompanying Prospectus 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, such notes will continue to be subject to bail-in conversion until repaid in full.

The senior debt securities 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 the notes. In addition, where an amendment, modification or other variance that can be made to the senior debt securities indenture or the notes as described under “Description of the Debt Securities We May Offer — Modification and Waiver of the Debt Securities” in the accompanying Prospectus would affect the recognition of those notes by the Superintendent of Financial Institutions (Canada) (the “Superintendent”) as TLAC, that amendment, modification or variance will require the prior approval of the Superintendent.

Please see the discussions in the accompanying Prospectus referenced above for additional information.

We may redeem bail-inable notes after the occurrence of a TLAC Disqualification Event

If the applicable Pricing Supplement specifies that the notes are bail-inable notes, we may, at our option, on not less than 30 days’ and not more than 45 days’ prior notice to the holders of such notes, redeem all but not less than all of such notes prior to their stated maturity date on, or within 90 days after, the occurrence of a TLAC Disqualification Event (as defined in the accompanying Prospectus), at a redemption price equal to 100% of the principal amount thereof, plus any accrued and unpaid interest to, but excluding, the date fixed for redemption. If we redeem your 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 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.

See “Description of the Notes — Provisions Specific to Bail-inable Notes — TLAC Disqualification Event Redemption” herein and “Description of the Debt Securities We May Offer — Canadian Bank Resolution Powers — TLAC Guideline” in the accompanying Prospectus for additional information.

Use of Proceeds

Unless otherwise specified in the applicable Pricing Supplement, the net proceeds to the Bank from the sale of the notes will be added to the general funds of the Bank and utilized for general banking purposes.

Description of the Notes

You should carefully read the description of the terms and provisions of our senior debt securities and our senior debt securities indenture under “Description of the Debt Securities We May Offer” in the accompanying Prospectus. That section, together with the applicable Supplements, summarizes all the material terms of our senior debt securities indenture and your note. They do not, however, describe every aspect of our senior debt securities indenture and your note. For example, in this section entitled “—Description of the Notes,” we use terms that have been given special meanings in our senior debt securities 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 any applicable Product Prospectus Supplement and the applicable Pricing Supplement. As you read this section and the applicable Supplements, please remember that the specific terms of your note as described in the applicable Supplement will supplement and, if applicable, may modify or replace the general terms described in this section and/or the applicable Product Prospectus Supplement. If there is any inconsistency between the terms of the notes described in the accompanying Prospectus, this Prospectus Supplement, the applicable Product Prospectus Supplement and the applicable Pricing Supplement, the following hierarchy will govern: first, the applicable Pricing Supplement; second, the product prospectus supplement (if any); third, this Prospectus Supplement; and last, the accompanying Prospectus.

General

The notes will be limited to an aggregate offering price of notes specified in the accompanying Prospectus, at the Bank’s option if so specified in the applicable Pricing Supplement, the equivalent of this amount in any currency or currency unit other than U.S. dollars. The Bank may issue notes pursuant to one or more other prospectus supplements under the Prospectus and the aggregate amount of the notes that may be offered under this Prospectus Supplement may be subject to reduction as a result of the sale by the Bank of other securities (including notes and unsecured subordinated notes of the Bank) pursuant to one or more other prospectus supplements under the Prospectus.

Notes may be issued at various times and in different series, any series of which may be comprised of one or more tranches of notes. The Bank may issue as many distinct series of notes as it wishes. The series of which the notes are a part will be identified in any applicable Product Prospectus Supplement and the applicable Pricing Supplement.

The notes will constitute the Bank’s unsecured and unsubordinated obligations and will constitute deposit liabilities of the Bank for purposes of the Bank Act and will rank on a parity with all of the Bank’s other senior unsecured debt including deposit liabilities, other than certain governmental claims in accordance with applicable law, and prior to all of the Bank’s subordinated debt. The notes will not constitute deposits that are insured under the Canada Deposit Insurance Corporation Act (Canada) or by the United States Federal Deposit Insurance Corporation or any other Canadian or U.S. government agency or instrumentality.

The notes will be issued under a senior debt securities indenture, as amended or supplemented from time to time, among the Bank, Computershare Trust Company, National Association, as United States trustee, and Computershare Trust Company of Canada, as Canadian trustee, which is more fully described in the Prospectus under the heading “Description of the Debt Securities We May Offer”. The indenture is subject to, and governed by, the Trust Indenture Act of 1939, as amended. 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. Section references used in this discussion are references to the indenture. Capitalized terms which are not otherwise defined shall have the meanings given to them in the indenture.

Subject to regulatory capital requirements applicable to the Bank, there is no limit on the amount of indebtedness that the Bank may issue. The Bank has other unsubordinated debt outstanding and may issue additional unsubordinated debt at any time and without notifying you.

The Bank will offer notes under the Senior Note Program on a continuous basis through one or more agents. See “Supplemental Plan of Distribution (Conflicts of Interest)” herein.

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 aggregate securities. Each note issued under this Prospectus Supplement will have a stated maturity that will be specified in the applicable 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 all respects, except for the issue date, issue price and, if applicable, the first payment of interest thereon.

Unless we specify otherwise in the other applicable Supplements, currency amounts in this Prospectus Supplement are expressed in U.S. dollars, the notes will be denominated in U.S. dollars and payments of any principal, premium or 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 any principal, premium or 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 the applicable Supplement. Unless we specify otherwise in the applicable Supplement, notes denominated in U.S. dollars will be issued in minimum denominations of US\$1,000 and integral multiples of US\$1,000 in excess thereof (except that non-U.S. investors may be subject to higher minimums).

Interest rates that we offer 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 interest rates or formulas 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.

Global Notes

Unless otherwise specified in the applicable Pricing Supplement, each note issued under the Senior Note Program will be issued as a book-entry note in fully registered form and will be represented by a global note that the Bank deposits with and registers in the name of a financial institution or its nominee called a depository. Unless otherwise specified in the applicable Pricing Supplement, The Depository Trust Company, New York, New York, will be the depository for all notes in global form. See “Legal Ownership and Book-Entry Issuance” in the Prospectus.

Types of Notes

We may issue the following types of notes:

- **Fixed Rate Notes.** A note of this type will bear interest at a fixed rate described in the applicable Pricing Supplement. This type includes zero-coupon notes, which bear no interest and are instead issued at a price lower than the principal amount.
- **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 applicable Pricing Supplement.

- **Fixed-to-Floating Rate Notes.** A note of this type will bear interest at both a fixed rate for a certain period of time and at a floating rate for another certain period of time determined by reference to an interest rate formula, each as specified in the applicable Pricing Supplement. We refer to these notes as “fixed-to-floating rate notes.” The rate for the floating-rate period(s) for a fixed-to-floating rate note will be set, calculated and paid in the same manner as for floating rate notes, as described in this Prospectus Supplement and as specified in the applicable Pricing Supplement. Any references to or discussion of floating-rate notes in this Prospectus Supplement also applies to the floating-rate period(s) of fixed-to-floating rate notes.
- **Floating-to-Fixed Rate Notes.** A note of this type will bear interest at both a floating rate for a certain period of time and at a fixed rate for another certain period of time determined by reference to an interest rate formula, each as specified in the applicable Pricing Supplement. We refer to these notes as “floating-to-fixed rate notes.” The rate for the floating-rate period(s) for a floating-to-fixed rate note will be set, calculated and paid in the same manner as for floating-rate notes, as described in this Prospectus Supplement and as specified in the applicable Pricing Supplement. Any references to or discussion of floating-rate notes in this Prospectus Supplement also applies to the floating-rate period(s) of floating-to-fixed rate notes.
- **Indexed Notes.** A note of this type provides that the 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 equity securities, exchange traded funds, indices, currencies, commodities, financial or economic measures;
 - by reference to indices or baskets of the aforementioned items; or
 - pursuant to a formula.

If you are a holder of an indexed note, you may receive a principal amount at maturity that is greater than, less than or equal to the face amount of your note depending upon the value of the applicable index at maturity. That value may fluctuate over time. If you purchase an indexed note, the applicable Product Prospectus Supplement and applicable 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. Before you purchase any indexed note, you should read carefully the discussion relating to indexed notes under “Risk Factors” above.

Original Issue Discount Notes

A 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 may be considered an original issue discount note for U.S. federal income tax purposes, regardless of the amount payable upon redemption or acceleration of maturity. Please see the tax discussion in the applicable Product Prospectus Supplement and applicable Pricing Supplement for the U.S. federal income tax consequences of owning original discount notes.

Information in the Pricing Supplement

The applicable Pricing Supplement will describe one or more 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 your note is a fixed rate note, a floating rate note, a fixed-to-floating rate note, a floating-to-fixed rate or an indexed note;
- if your note is a fixed rate note, the per annum 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 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;
- 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 special 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 an agent or other person 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.

Redemption at the Option of the Bank; No Sinking Fund

If an initial redemption date is specified in the applicable 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 US\$1,000 or any other integral multiple of an authorized denomination specified in the applicable Pricing Supplement (provided that any remaining principal amount thereof shall be at least US\$1,000 or other minimum authorized denomination applicable thereto), at the redemption price or prices specified in that Pricing Supplement, together with unpaid interest accrued thereon to the date of redemption. Unless otherwise specified in the applicable Pricing Supplement, 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.

If the applicable Pricing Supplement specifies that the notes are bail-inable notes, in the event that a redemption (for any reason) of such notes would lead to a breach of the Bank’s Total Loss Absorbing Capacity (“TLAC”) requirements, such redemption would be subject to the prior approval of the Superintendent. See “Description of the Debt Securities We May Offer — Canadian Bank Resolution Powers — TLAC Guideline” in the accompanying Prospectus for additional information.

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 applicable 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 US\$1,000 or any other integral multiple of an authorized denomination specified in the applicable Pricing Supplement (provided that any remaining principal amount thereof shall be at least US\$1,000 or other 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 applicable trustee must receive, at its corporate trust office in the Borough of Manhattan, The City of New York, not more than 45 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 applicable beneficial owner to the depository and forwarded by 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 applicable trustee as aforesaid. In order to ensure that these instructions are received by the applicable trustee on a particular day, the applicable 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 applicable trustee.

We will comply with the applicable requirements 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.

Open Market Repurchases

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 applicable trustee for cancellation. Where our repurchase of bail-inable notes would result in the Bank not meeting the TLAC requirements applicable to it pursuant to the TLAC Guideline, we may only repurchase those notes if we have obtained the prior approval of the Superintendent.

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 pursuant to the interest rate formula, in the case of a floating rate note, in each case as specified in the applicable Pricing Supplement, until the principal thereof is paid. 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 or the maturity 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 and on the maturity date. 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 record date to the registered holder on the next succeeding record date. Unless otherwise specified in the applicable Pricing 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 in Schedule 1 to this Prospectus Supplement. 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. Eastern Standard 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 applicable Pricing Supplement will specify the interest payment dates for a fixed rate note as well as the maturity date. 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 fraction set forth in the applicable Pricing Supplement.

If any interest payment date, redemption date, repayment date or 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, premium, if any, and/or 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 are defined in Schedule 1 to this Prospectus Supplement.

Unless otherwise specified in the applicable Pricing Supplement, 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;
- LIBOR;
- EURIBOR;
- Treasury rate;
- CMT rate;
- CD rate;
- CMS rate;
- Federal funds rate; and/or
- CPI.

We describe each of the interest rate bases in further detail below in this subsection. If you purchase a floating rate note, the applicable Pricing Supplement will specify the interest rate basis that applies to your note.

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 us or any affiliate of ours, such as Scotia Capital Inc. The applicable 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. In addition, the calculation agent will calculate the amount of interest that has accrued during each interest period –

that is, the period from and including the original issue date, or the last date to which interest has been paid or made available for payment, to but excluding the payment date. 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 applicable Pricing Supplement.

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. 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 applicable 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 applicable 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 applicable 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 made to a corporate borrower in an amount less than US\$250,000 is 16% and for any loan in the amount of

US\$250,000 or more but less than US\$2,500,000 is 25% per year on a simple interest basis. These limits do not apply to loans of US\$2,500,000 or more, except for the Criminal Code (Canada), which limits the rate to 60%.

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 will be reset, by the calculation agent described below, daily, weekly, monthly, quarterly, semi-annually, annually or as otherwise specified in the applicable Pricing Supplement. 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 applicable 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 four months of each year as indicated in the applicable Pricing Supplement;
- for floating rate notes that reset semi-annually, the third Wednesday of each of two months of each year as indicated in the applicable Pricing Supplement;
- for floating rate notes that reset annually, the third Wednesday of one month of each year as indicated in the applicable Pricing Supplement; and
- for a floating rate note, 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.

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 LIBOR or 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 will be determined by the calculation agent by reference to a particular date called an interest determination date. Unless otherwise specified in the applicable Pricing Supplement:

- for commercial paper rate, federal funds rate and U.S. prime rate notes, the interest determination date relating to a particular interest reset date will be the business day preceding the interest reset date;
- for LIBOR notes, the interest determination date relating to a particular interest reset date will be the second London business day preceding the interest reset date, unless the index currency is pounds sterling, in which case the interest determination date will be the interest reset date. We refer to an interest determination date for a LIBOR note as a LIBOR interest determination date;
- for EURIBOR notes, the interest determination date relating to a particular interest reset date will be the second euro business day preceding the interest reset date. We refer to an interest determination date for a EURIBOR note as a EURIBOR interest determination 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 following Tuesday, 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 CD rate, CMT rate, CPI rate and CMS 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 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.

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 LIBOR notes and EURIBOR notes, however, the determination of the rate will actually be made on a day no later than the corresponding interest calculation date. Unless otherwise specified in the applicable 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 applicable 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 the four months of each year specified in the applicable Pricing Supplement;
- for floating rate notes that reset semi-annually, the third Wednesday of the two months of each year specified in the applicable Pricing Supplement; or
- for floating rate notes that reset annually, the third Wednesday of the month specified in the applicable 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, unless otherwise specified in the applicable Pricing Supplement, 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. 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. However, if the floating rate note is a LIBOR note or a EURIBOR note and the next business day falls in the next calendar month, then the interest payment date will be advanced to the next preceding 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, premium, if any, 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.

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 applicable 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 applicable Pricing Supplement, as published in H.15(519) by 3:00 p.m., New York City time, on the interest calculation date corresponding to the relevant interest determination date, 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(519) by 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 applicable Pricing Supplement, as published in H.15 daily update or 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(519), H.15 daily update or another recognized electronic source by 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 a non-financial 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 applicable Pricing Supplement.

The U.S. prime rate will be the rate, for the relevant interest determination date, published in H.15(519) by 3:00 p.m., New York City time, on the interest calculation date corresponding to the relevant interest determination date, opposite 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(519) by 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 daily update 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(519), H.15 daily update or another recognized electronic source by 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 the Reuters 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 the Reuters 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.

LIBOR Notes

If you purchase a LIBOR note, your note will bear interest at an interest rate equal to LIBOR, which will be the London interbank offered rate for deposits in U.S. dollars or any other index currency, as noted in the applicable Pricing Supplement. In addition, when LIBOR is the interest rate basis the applicable LIBOR rate will be adjusted by the spread or spread multiplier, if any, indicated in the applicable Pricing Supplement. LIBOR will be determined in the following manner:

- LIBOR will be the offered rate appearing on the Reuters Page LIBOR01 as of 11:00 A.M., London time, on the relevant LIBOR interest determination date, for deposits of the relevant index currency having the relevant index maturity beginning on the relevant interest reset date. The applicable Pricing Supplement will indicate the index currency, the index maturity and the reference page that apply to your LIBOR note. If no reference page is mentioned in the applicable Pricing Supplement, Reuters Page LIBOR01 will apply to your LIBOR note.
- If Reuters Page LIBOR01 applies and the rate described above does not appear on that page, then LIBOR will be determined on the basis of the rates, at approximately 11:00 A.M., London time, on the relevant LIBOR interest determination date, at which deposits of the following kind are offered to prime banks in the London interbank market by four major banks in that market selected by the calculation agent: deposits of the index currency having the relevant index maturity, beginning on the relevant interest reset date, and in a representative amount. The calculation agent will request the principal London office of each of these banks to provide a quotation of its rate. If at least two quotations are provided, LIBOR for the relevant LIBOR interest determination date will be the arithmetic mean of the quotations.
- If fewer than two quotations are provided as described above, LIBOR for the relevant LIBOR interest determination date will be the arithmetic mean of the rates for loans of the following kind to leading European banks quoted, at approximately 11:00 A.M., in the applicable principal financial center, on that LIBOR interest determination date, by three major banks in that financial center selected by the calculation agent: loans of the index currency 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, LIBOR for the new interest period will be LIBOR 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.
- If LIBOR has been permanently discontinued, the calculation agent will use as a substitute for LIBOR and for each future LIBOR interest determination date, the alternative reference rate selected by the central bank, reserve bank, monetary authority or any similar institution (including any committee or working group thereof) that is consistent with accepted market practice (the "Alternative Rate"). As part of such substitution, the calculation agent will make such adjustments to the Alternative Rate or the spread thereon, as well as the Business Day convention, LIBOR interest determination dates and related provisions and definitions ("Adjustments"), in each case that are consistent with accepted market practice for the use of such Alternative Rate for debt obligations such as the notes; provided, however, that if there is no clear market consensus as to whether any rate has replaced LIBOR in customary market usage, the Bank will appoint an independent financial advisor (the "IFA") to determine an appropriate Alternative Rate and any Adjustments, and the decision of the IFA will be binding on the Bank, the calculation agent and the holders of the notes.

EURIBOR Notes

If you purchase a Euro interbank offered rate-linked note, your note will bear interest at an interest rate based on estimated euro interbank term deposit rates, designated as “EURIBOR” that is calculated and published by a designated distributor and administered by the European Money Markets Institute, or any entity that may assume responsibility for the administration of the 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 applicable 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 applicable Pricing Supplement, beginning on the second euro business day after the relevant EURIBOR interest determination date, as that rate appears on Reuters page EURIBOR01 as of 11:00 A.M., Brussels time, on the relevant EURIBOR interest determination date.
- If the rate described above does not appear on Reuters page EURIBOR01, 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.
- If EURIBOR has been permanently discontinued, the calculation agent will use as a substitute for EURIBOR and for each future EURIBOR interest determination date, the alternative reference rate selected by the central bank, reserve bank, monetary authority or any similar institution (including any committee or working group thereof) that is consistent with accepted market practice (the “Alternative Rate”). As part of such substitution, the calculation agent will make such adjustments to the Alternative Rate or the spread thereon, as well as the Business Day convention, EURIBOR interest determination dates and related provisions and definitions (“Adjustments”), in each case that are consistent with accepted market practice for the use of such Alternative Rate for debt obligations such as the notes; provided, however, that if there is no clear market consensus as to whether any rate has replaced EURIBOR in customary market usage, the Bank will appoint an independent financial advisor (the “IFA”) to determine an appropriate Alternative Rate and any Adjustments, and the decision of the IFA will be binding on the Bank, the calculation agent and the holders of the notes.

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 applicable 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 applicable Pricing Supplement, as that rate appears on Reuters page USAUCTION 10/11 by 3:00 p.m., New York City time, on the interest calculation date corresponding to the relevant interest determination date. 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 by 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 interest determination date, for the type of treasury bill described above, as published in H.15 daily update, 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 daily update or another recognized electronic source by 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 auction rate, for the relevant treasury interest determination date and for treasury bills of the kind 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 a remaining maturity closest to the specified index maturity, as published in H.15(519) 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(519) by 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 daily update, 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 daily update or another recognized electronic source by 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.

CD Rate Notes

If you purchase a CD rate note, your note will bear interest at an interest rate equal to the CD rate and adjusted by the spread or spread multiplier, if any, indicated in the applicable Pricing Supplement.

The CD rate will be the rate, on the relevant interest determination date, for negotiable U.S. dollar certificates of deposit having the index maturity specified in the applicable Pricing Supplement, as published in H.15(519) by 3:00 p.m., New York City time, on the interest calculation date corresponding to the relevant interest determination date, under the heading “CDs (Secondary Market).” If the CD rate cannot be determined in this manner, the following procedures will apply.

- If the rate described above does not appear in H.15(519) by 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 CD rate will be the rate, for the relevant interest determination date, described above as published in H.15 daily update, or another recognized electronic source used for displaying that rate, under the heading “CDs (Secondary Market).”

- If the rate described above does not appear in H.15(519), H.15 daily update or another recognized electronic source by 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 CD rate will be the arithmetic mean of the following secondary market offered rates for negotiable U.S. dollar certificates of deposit of major U.S. money market banks with a remaining maturity closest to the specified index maturity, and in a representative amount: the rates offered as of 10:00 A.M., New York City time, on the relevant interest determination date, by three leading non-bank dealers in negotiable U.S. dollar certificates of deposit in New York City, as selected by the calculation agent.
- If fewer than three dealers selected by the calculation agent are quoting as described above, the CD rate in effect for the new interest period will be the CD 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 applicable Pricing Supplement.

The CMT rate will be the following rate displayed on the designated CMT Reuters page by 3:00 p.m., New York City time, on the interest calculation date corresponding to the relevant interest determination date, under the heading “. . . Treasury Constant Maturities”, under the column for the designated CMT index maturity:

- if the designated CMT Reuters page is FRBCMT, the rate for the relevant interest determination date; or
- if the designated CMT Reuters page is FEDCMT, the weekly or monthly average, as specified in the applicable 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 Reuters 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 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(519).
- If the applicable rate described above does not appear in H.15(519) by 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 CMT rate will be the treasury constant maturity rate, or other U.S. treasury 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; or
 - as is otherwise announced by the Federal Reserve Bank of New York for the week or month, as applicable, ended immediately preceding the week or month, as applicable, in which such CMT rate interest determination date falls; and
 - in either case, is determined by the calculation agent to be comparable to the applicable rate formerly displayed on the designated CMT Reuters page and published in H.15(519).
- If the rate described in the prior paragraph does not appear by 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 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. Treasury notes are direct, non-callable, fixed rate obligations of the U.S. government.

- If the calculation agent is unable to obtain three quotations of the kind described in the prior paragraph, 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 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 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 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 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 Reuters page ICESWAP1 as of 11:00 A.M., New York City time, on the interest rate determination date.

If the CMS rate cannot be determined as described above, the following procedures will be used:

- If the applicable rate described above is not displayed on the relevant designated CMS Reuters page by 11:00 A.M., New York City time, on the interest rate determination date, then the CMS rate will be a percentage determined on the basis of the mid-market, semi-annual swap rate quotations provided by five leading swap dealers in the New York City interbank market at approximately 11:00 A.M., New York City time, on the interest rate determination date. For this purpose, the semi-annual swap rate means the mean of the bid and offered rates for the semi-annual fixed leg, calculated on a 30/360 day count basis, of a fixed-for-floating U.S. dollar interest rate swap transaction with a term equal to the maturity designated in the applicable Pricing Supplement commencing on that interest rate determination date with an acknowledged dealer of good credit in the swap market, where the floating leg, calculated on an Actual/360 day count basis, as such rate is determined according to the provisions under “— LIBOR Notes” with a maturity of three months. The calculation agent will select the five swap dealers after consultation with us and will request the principal New York City office of each of those dealers to provide a quotation of its rate. If at least three quotations are provided, the CMS rate for that interest rate determination date will be the arithmetic mean of the quotations, eliminating the highest and lowest quotations or, in the event of equality, one of the highest and one of the lowest quotations.

- If fewer than three leading swap dealers selected by the calculation agent are quoting as described above, the CMS rate will remain the CMS rate in effect on that interest rate determination date or, if that interest rate determination date is the first reference rate determination date, the initial interest rate.

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 applicable Pricing Supplement.

The federal funds rate will be the rate for U.S. dollar federal funds as of the relevant interest determination date, as published in H.15(519) by 3:00 p.m., New York City time, on the interest calculation date corresponding to the relevant interest determination date, under the heading “Federal Funds (Effective)”, as that rate is displayed on Reuters page FEDFUNDS1. 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 Reuters page FEDFUNDS1 by 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, as of the relevant interest determination date, will be the rate described above as published in H.15 daily update, 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 Reuters page FEDFUNDS1 and does not appear in H.15(519), H.15 daily update or another recognized electronic source by 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 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 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.

Consumer Price Index

CPI is the non-revised index adjusted U.S. City Average All Items Consumer Price Index for All Urban Consumers, published monthly by the U.S. Bureau of Labor Statistics and published on Bloomberg CPURNSA or any successor service. The CPI for a particular month is published during the following month.

The CPI is a measure of the average change in consumer prices over time for a fixed market basket of goods and services, including food, clothing, shelter, fuels, transportation, charges for doctors’ and dentists’ services and drugs. In calculating the CPI, the prices of the various items included in the fixed market basket are averaged together with weights that represent their importance in the spending of urban households in the United States. The BLS periodically updates the contents of the market basket of goods and services and the weights assigned to the various items to take into account changes in consumer expenditure patterns. The CPI is expressed in relative terms in relation to a time base reference period for which the level was set to 100.0.

Calculation Agent

Unless otherwise specified in any applicable Product Prospectus Supplement or the applicable Pricing Supplement, Scotia Capital Inc., an affiliate of the Bank, will serve as the calculation agent for the notes. The calculation agent will make all determinations regarding any floating interest rate and the amount payable on your notes. All determinations made by the calculation agent shall be made in its sole discretion and, absent manifest error, will be final and binding on you and us, without any liability on the part of the calculation agent. We may change the calculation agent for your notes at any time without notice and the calculation agent may resign as calculation agent at any time upon 60 days’ written notice to the Bank.

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 applicable Pricing Supplement.

Interest Act (Canada)

For the purpose only of disclosure pursuant to the Interest Act (Canada) and not for any other purpose, each interest rate, which is calculated on any basis other than the actual number of days in a calendar year (the “deemed interest period”), is equivalent to a per annum rate calculated by *dividing* such interest rate by the number of days in the deemed interest period, then *multiplying* such result by the actual number of days in the calendar year (365 or 366).

Default Amount on Acceleration

If the notes have become immediately due and payable following an event of default (as defined in the accompanying Prospectus) with respect to the notes, the calculation agent will:

- with respect to fixed rate notes, floating rate notes, fixed-to-floating rate notes or floating-to-fixed rate notes, unless otherwise specified in any applicable Product Prospectus Supplement or the applicable Pricing Supplement, determine (i) your principal amount and (ii) any accrued but unpaid interest payable based upon the then-applicable interest rate calculated on the basis of a 360-day year consisting of twelve 30-day months. If the notes have become immediately due and payable following an event of default, you will not be entitled to any additional payments with respect to the notes; or
- with respect to indexed notes, determine the default amount as described in the applicable Product Prospectus Supplement and/or applicable Pricing Supplement.

Provisions Specific to Bail-inable Notes

If the applicable Pricing Supplement specifies certain notes as bail-inable notes, such notes will be 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 (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 such notes. See “Description of the Debt Securities We May Offer— Special Provisions Related to Bail-inable Debt Securities” and “Risk Factors— Risks Related to the Bank’s Debt Securities” in the accompanying Prospectus.

TLAC Disqualification Event Redemption

If the applicable Pricing Supplement specifies that the notes are bail-inable notes, the Bank may, at its option, on not less than 30 days’ and not more than 45 days’ prior notice to the holders of such notes, redeem all but not less than all of such notes prior to their stated maturity date on or within 90 days after the occurrence of a TLAC Disqualification Event (as defined in the accompanying Prospectus), at a redemption price equal to 100% of the principal amount thereof, plus any accrued and unpaid interest to, but excluding, the date fixed for redemption. See “Description of the Debt Securities We May Offer — Special Provisions Related to Bail-inable Debt Securities — TLAC Disqualification Event Redemption” in the accompanying Prospectus for additional information.

Agreement with Respect to the Exercise of Canadian Bail-in Powers

If the applicable Pricing Supplement specifies that the notes are bail-inable notes, by its acquisition of an interest in any bail-inable note, each holder or beneficial owner of that note is deemed to (i) agree to be bound, in respect of such notes, by the CDIC Act, including the conversion of such 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 under subsection 39.2(2.3) of the CDIC Act and the variation or extinguishment of such notes 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 such notes; (ii) attorn and submit to the non-exclusive jurisdiction of the courts in the Province of Ontario with respect to the CDIC Act and those laws; and (iii) acknowledge and agree that the terms referred to in paragraphs (i) and (ii), above, are binding on that holder or beneficial owner despite any provisions in the indenture or such notes, any other law that governs such notes and any other agreement, arrangement or understanding between that holder or beneficial owner and the Bank with respect to such notes.

Holders and beneficial owners of bail-inable notes will have no further rights in respect of notes that are converted upon a bail-in conversion other than those provided under the bail-in regime, and by its acquisition of an interest in any bail-inable note, each holder or beneficial owner of that note is deemed to irrevocably consent to the principal amount of that note 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.

See “Description of the Debt Securities We May Offer — Special Provisions Related to Bail-inable Debt Securities” and “Risk Factors — Risks Related to the Bank’s Debt Securities” in the accompanying Prospectus for a further description of provisions applicable to the notes as a result of Canadian bail-in powers.

Subsequent Holders’ Agreement

Each holder or beneficial owner of a bail-inable note that acquires an interest in such note 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 in this Prospectus Supplement to the same extent as the holders or beneficial owners that acquired an interest in such notes upon their initial issuance, including, without limitation, with respect to the acknowledgement and agreement to be bound by and consent to the terms of such notes related to the bail-in regime.

Certain Income Tax Consequences

Certain Canadian Income Tax Considerations

An investor should read carefully the description of principal Canadian federal income tax considerations under “Canadian Taxation” in the accompanying Prospectus relevant to a Holder (as defined) owning debt securities. The description of the Canadian federal income tax considerations under “Canadian Taxation” in the Prospectus as it relates to such notes will be superseded by the applicable Product Prospectus Supplement and, to the extent indicated therein, in the applicable Pricing Supplement.

Certain United States Income Tax Considerations

If a product prospectus supplement is applicable to your notes, please see the discussion therein under “Material U.S. Federal Income Tax Consequences” for a general discussion of the tax consequences of owning such notes.

The tax consequences of any particular note depend on its terms, and the tax treatment of each note will be described in the applicable Pricing Supplement. Consequently, except to the extent the Pricing Supplement indicates otherwise, you should not rely on the general discussion of tax consequences in the applicable Product Prospectus Supplement in deciding whether to invest in any note. Moreover, in all cases, you should consult your own tax advisor concerning the consequences of investing in and holding any particular note.

In addition, there is no authority that directly addresses the U.S. federal income tax treatment of instruments such as bail-inable notes that provide for a bail-in conversion under certain circumstances. You should consult your

tax advisor regarding the appropriate characterization of the bail-inable notes for U.S. federal income tax purposes, and the U.S. federal income and other tax consequences of any bail-in conversion.

Certain ERISA Considerations

Each fiduciary of a pension, profit-sharing, or other employee benefit plan subject to the Employee Retirement Income Security Act of 1974, as amended (“ERISA”) (a “Plan”), should consider the fiduciary standards of ERISA in the context of the Plan’s particular circumstances before authorizing an investment in the notes. 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.

In addition, we, the agents, and certain of our or their respective subsidiaries and affiliates may be each considered a party in interest within the meaning of ERISA, or a disqualified person (within the meaning of Section 4975 of the Code), with respect to many Plans, as well as many individual retirement accounts and Keogh plans (also “Plans”). Prohibited transactions within the meaning of ERISA or the Code would likely arise, for example, if the notes are acquired by or with the assets of a Plan with respect to which we or any of our affiliates is a party in interest or a disqualified person, unless the notes are acquired under an exemption from the prohibited transaction rules. A violation of these prohibited transaction rules could result in an excise tax or other liabilities under ERISA and/or Section 4975 of the Code for such persons, unless exemptive relief is available under an applicable statutory or administrative exemption.

Under ERISA and various prohibited transaction class exemptions (“PTCEs”) issued by the U.S. Department of Labor, exemptive relief may be available for direct or indirect prohibited transactions resulting from the purchase, holding, or disposition of the notes. Those exemptions include PTCE 96-23 (for certain transactions determined by in-house asset managers), PTCE 95-60 (for certain transactions involving insurance company general accounts), PTCE 91-38 (for certain transactions involving bank collective investment funds), PTCE 90-1 (for certain transactions involving insurance company separate accounts), PTCE 84-14 (for certain transactions determined by independent qualified asset managers), and the exemption under Section 408(b)(17) of ERISA and Section 4975(d)(20) of the Code for certain transactions with a person that is a party in interest or disqualified person solely by reason of providing services to Plans or being an affiliate of such a service provider (the “Service Provider Exemption”).

Because we and the Bank each may be considered a party in interest or disqualified person with respect to many Plans, the notes may not be purchased, held, or disposed of by any Plan, any entity whose underlying assets include plan assets by reason of any Plan’s investment in the entity (a “Plan Asset Entity”) or any person investing plan assets of any Plan, unless such purchase, holding, or disposition is eligible for exemptive relief, including relief available under PTCE 96-23, 95-60, 91-38, 90-1, or 84-14 or the Service Provider Exemption, or such purchase, holding, or disposition is otherwise not prohibited. Any purchaser, including any fiduciary purchasing on behalf of a Plan, transferee or holder of the notes will be deemed to have represented, in its corporate and its fiduciary capacity, by its purchase and holding of the notes that either (a) it is not and will not be a Plan or a Plan Asset Entity and is not purchasing such notes on behalf of or with plan assets of any Plan or any plan subject to similar laws or (b) its purchase, holding, and disposition will not constitute or result in a non-exempt prohibited transaction due to the application of a statutory or administrative exemption or such purchase, holding, and disposition will not otherwise be prohibited under ERISA or Section 4975 of the Code or a violation of any similar laws.

Further, any person acquiring or holding the notes on behalf of any plan or with any plan assets shall be deemed to represent on behalf of itself and such plan that (x) the plan is paying no more than, and is receiving no less than, adequate consideration within the meaning of Section 408(b)(17) of ERISA and/or Section 4975(f)(10) of the Code in connection with the transaction or any redemption of the notes, (y) none of us or any agent directly or indirectly exercises any discretionary authority or control or renders investment advice or otherwise acts in a fiduciary capacity with respect to the assets of the plan within the meaning of ERISA and/or Section 4975 of the Code and (z) in making the foregoing representations and warranties, such person has applied sound business principles in determining whether fair market value will be paid, and has made such determination acting in good faith.

The fiduciary investment considerations summarized above generally apply to employee benefit plans maintained by private-sector employers and to individual retirement accounts and other arrangements subject to Section 4975 of the Code, but generally do not apply to governmental plans (as defined in Section 3(32) of ERISA), certain church plans (as defined in Section 3(33) of ERISA), and foreign plans (as described in Section 4(b)(4) of ERISA). However, these other plans may be subject to similar provisions under applicable federal, state, local, foreign, or other regulations, rules, or laws (“similar laws”). The fiduciaries of plans subject to similar laws should also consider the foregoing issues in general terms as well as any further issues arising under the applicable similar laws.

In addition, any purchaser, that is a Plan or a Plan Asset Entity or that is acquiring the notes on behalf of a Plan or a Plan Asset Entity, including any fiduciary purchasing on behalf of a Plan or Plan Asset entity, will be deemed to have represented, in its corporate and its fiduciary capacity, by its purchase and holding of the notes that (a) none of us, the agents or any of our or their respective affiliates is a “fiduciary” (under Section 3(21) of ERISA, or under any final or proposed regulations thereunder, or with respect to a governmental, church, or foreign plan under any similar laws) with respect to the acquisition, holding or disposition of the notes, or as a result of any exercise by us or our affiliates of any rights in connection with the notes, (b) no advice provided by us or any of our affiliates has formed a primary basis for any investment decision by or on behalf of such purchaser in connection with the notes and the transactions contemplated with respect to the notes, and (c) such purchaser recognizes and agrees that any communication from us or any of our affiliates to the purchaser with respect to the notes is not intended by us or any of our affiliates to be impartial investment advice and is rendered in its capacity as a seller of such notes and not a fiduciary to such purchaser. Purchasers of the notes have exclusive responsibility for ensuring that their purchase, holding, and disposition of the notes do not violate the prohibited transaction rules of ERISA or the Code or any similar regulations applicable to governmental or church plans, as described above.

This discussion is a general summary of some of the rules which apply to benefit plans and their related investment vehicles. This summary does not include all of the investment considerations relevant to Plans and other benefit plan investors such as governmental, church, and foreign plans and should not be construed as legal advice or a legal opinion. Due to the complexity of these rules and the penalties that may be imposed upon persons involved in non-exempt prohibited transactions, it is particularly important that fiduciaries or other persons considering purchasing the notes on behalf of or with “plan assets” of any Plan or other benefit plan investor consult with their legal counsel prior to directing any such purchase.

Supplemental Plan of Distribution (Conflicts of Interest)

We and SCUSA, as agent, have entered into a distribution agreement with respect to the notes. The agent or agents through whom the notes will be offered will be identified in the applicable Pricing Supplement. Subject to certain conditions, the agents have agreed to use their 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 agents may also reject any offer to purchase notes. We will pay the agents a commission on any notes sold through the agents. The commission will be in such amount as may be agreed between the agents and the Bank and will be specified in the applicable Pricing Supplement.

We may also sell notes to the agents, who will purchase the notes as principal for their own accounts. In that case, the agents will purchase the notes at a price equal to the issue price, less a discount to be agreed with us at the time of the offering, as specified in the applicable Pricing Supplement.

The agents may resell any notes they purchase as principal to other brokers or dealers at a discount, which may include all or part of the discount the agents received from us. If all the notes are not sold at the initial offering price, the agents 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 agents, whether acting as agent or principal, may be deemed to be “underwriters” within the meaning of the Securities Act of 1933. We have agreed to indemnify the agents against certain liabilities, including liabilities under the Securities Act of 1933, or to contribute to payments made in respect of those liabilities.

If the agents sell notes to dealers who resell to investors and the agents pay 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 of 1933.

Unless otherwise indicated in any Pricing 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 depositary, such trades will be settled in immediately available funds.

We may appoint additional agents with respect to the notes. Any other agents will be named in the applicable Pricing Supplements and those agents will enter into the distribution agreement referred to above. The agents referred to above and any additional agents may engage in commercial banking and investment banking and other transactions with and perform services for the Bank and our affiliates in the ordinary course of business. SCUSA is an affiliate of the Bank and 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. We have been advised by each of the agents named above that they may make a market in the notes offered through them. However, neither SCUSA nor any of our other affiliates nor any other agent named in the applicable Pricing Supplement that makes a market is obligated to do so, and any of them may stop 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 SCUSA and any other agent in connection with offers and sales of the notes in market-making transactions. In a market-making transaction, an agent or other person resells 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, such agent may act as principal or agent, including as agent for the counterparty in a transaction in which SCUSA or another agent acts as principal, or as agent for both counterparties in a transaction in which SCUSA does not act as principal. The agents may receive compensation in the form of discounts and commissions, including from both counterparties in some cases. Other affiliates of the Bank (in addition to SCUSA) may also engage in transactions of this kind and may use this Prospectus Supplement for this purpose.

The aggregate initial offering price specified in the accompanying Prospectus relates to the initial offering of new notes we may issue on and after the date thereof. 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.

The Bank does not expect to receive any proceeds from market-making transactions other than those it undertakes on its own. The Bank does not expect that any agent that engages in these transactions will pay any proceeds from its market-making resales to the Bank.

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 the Bank 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 price of the notes, which may be higher than it 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 senior 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 the Bank. Any of these notes sold pursuant to the distribution agreement or sold by the Bank directly to investors will reduce the aggregate amount of notes which may be offered by this Prospectus Supplement.

Conflict of Interest

Because SCUSA is an affiliate of the Bank, SCUSA has a “conflict of interest” as defined in FINRA Rule 5121. In addition, the Bank will receive the net proceeds from an initial public offering of the notes, thus creating an additional conflict of interest within the meaning of Rule 5121. Consequently, any such offering is being conducted in compliance with the provisions of Rule 5121. Neither SCUSA nor any other agent is permitted to sell notes in any such offering to an account over which it exercises discretionary authority without the prior specific written approval of the account holder.

Selling Restrictions

Canada

This Prospectus Supplement does not constitute an offer of the notes, directly or indirectly, in Canada or to residents of Canada. The agents have represented and agreed that they will not, directly or indirectly, offer, sell or deliver, any of the notes in or from Canada or to any resident of Canada. The agents have also agreed that they will include a comparable provision in any sub-underwriting, banking group or selling group agreement or similar arrangement with respect to the notes that may be entered into by the agents. The notes will not be qualified for sale under the securities laws of any province or territory of Canada.

Prohibition of Sales to European Economic Area Retail Investors

The notes are not intended to be offered, sold or otherwise made available to and should not be offered, sold or otherwise made available to any retail investor in the European Economic Area (“EEA”). For these purposes, a retail investor means a person who is one (or more) of: (i) a retail client as defined in point (11) of Article 4(1) of Directive 2014/65/EU, as amended (“MiFID II”); (ii) a customer within the meaning of Directive 2002/92/EC, as amended, where that customer would not qualify as a professional client as defined in point (10) of Article 4(1) of MiFID II; or (iii) not a qualified investor as defined in Directive 2003/71/EC, as amended. Consequently no key information document required by Regulation (EU) No 1286/2014, as amended (the “PRIIPs Regulation”), for offering or selling the notes or otherwise making them available to retail investors in the EEA has been prepared and therefore offering or selling the notes or otherwise making them available to any retail investor in the EEA may be unlawful under the PRIIPs Regulation.

Documents to be Filed as Part of the Registration Statement

In addition to the documents specified in the Prospectus under “Incorporation of Certain Information by Reference”, the following documents were 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”): the Distribution Agreement between the Bank and the agents and the Calculation Agency Agreement between the Bank and Scotia Capital Inc., each as may be amended or supplemented from time to time. Such documents will not be incorporated by reference into this Prospectus Supplement or the 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 such materials are incorporated by reference as exhibits in Part II of the Registration Statement.

Schedule 1 – Special Rate Calculation Terms

In the subsection entitled “– Interest Rates, Floating Rate Notes”, we use several terms that have special meanings relevant to calculating floating interest rates. We define these terms as follows:

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, is a Monday, Tuesday, Wednesday, Thursday or Friday that is neither a legal holiday nor a day on which banking institutions are authorized or required by law to close in New York City or Toronto, and, in the case of a floating rate note, London;
 - 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, regulation or executive order to close in the applicable principal financial center; and
 - if the note is a EURIBOR note or has a specified currency of euros, or is a LIBOR note for which the index currency is euros, is also a euro business day.
- 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 applicable Pricing Supplement.
- The term “designated CMT Reuters page” means the Reuters page mentioned in the applicable Pricing Supplement that displays treasury constant maturities as reported in H.15(519). If no Reuters page is so specified, then the applicable page will be Reuters page FEDCMT. If Reuters page FEDCMT applies but the applicable 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 (TARGET) 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.
- “H.15(519)” means the weekly statistical release entitled “Statistical Release H.15(519)”, or any successor publication, published by the Board of Governors of the Federal Reserve System.
- “H.15 daily update” means the daily update of H.15(519) available through the worldwide website of the Board of Governors of the Federal Reserve System, at <http://www.federalreserve.gov/releases/h15/update>, or any successor site or publication.

- The term “index currency” means, with respect to a LIBOR note, the currency specified as such in the applicable Pricing Supplement. The index currency may be U.S. dollars or any other currency, and will be U.S. dollars unless another currency is specified in the applicable Pricing Supplement.
- 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 applicable Pricing Supplement.
- “London business day” means any day on which dealings in the relevant index currency are transacted in the London interbank market.
- 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.
- “Reuters Page LIBOR01” means the display designated as “LIBOR01” on Reuters 3000 Xtra (or any successor service) (or such other page as may replace Page LIBOR01 on Reuters 3000 Xtra or any successor service).
- “Reuters screen US PRIME 1 page” means the display on the “US PRIME 1” page on the Reuters Monitor Money Rates Service, or any successor service, or any replacement page or pages on that service, for the purpose of displaying prime rates or base lending rates of major U.S. banks.
- “Reuters page” means the display on Reuters 3000 Xtra, or any successor service, on the page or pages specified in this Prospectus Supplement or the applicable Pricing Supplement, or any replacement page or pages on that service.

If, when we use the terms designated CMT Reuters page, H.15(519), H.15 daily update, Reuters screen US PRIME 1 page, Reuters Page LIBOR01 or Reuters page, 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.



**Common Shares
Preferred Shares
Senior Debt Securities
Subordinated Debt Securities**

*up to an aggregate initial offering price of US\$40,000,000,000
or the equivalent thereof in other currencies.*

The Bank of Nova Scotia (the “Bank”) may from time to time offer and issue common shares, preferred shares, senior debt securities or subordinated debt securities. This prospectus provides information about the Bank 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. 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 names of the underwriters, dealers or agents will be set forth in supplements to this prospectus. You should read this prospectus and any applicable prospectus supplement carefully before you invest in any of the securities of the Bank.

The common shares of the Bank are listed on the New York Stock Exchange and the Toronto Stock Exchange under the symbol “BNS.”

Investing in the securities described herein involves a number of risks. See “Risk Factors” on page 5 of this prospectus.

NEITHER THE SECURITIES AND EXCHANGE COMMISSION NOR ANY STATE SECURITIES COMMISSION HAS APPROVED OR DISAPPROVED OF THESE 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, Canada or 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 the Bank is a Canadian bank, that many of its officers and directors, and some or all of the underwriters or experts named in this prospectus, may be residents of Canada and that all or a substantial portion of the assets of the Bank and such persons may be located outside the United States.

The securities will not constitute deposits that are insured under the *Canada Deposit Insurance Corporation Act* (the “CDIC Act”) or by the United States Federal Deposit Insurance Corporation or any other Canadian or U.S. government agency or instrumentality.

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 the Bank or any of its affiliates under subsection 39.2(2.3) of 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.

The Bank may use this prospectus in the initial sale of any securities. In addition, the Bank or any of its affiliates, may use this prospectus in a market-making or other transaction in any security after its initial sale. ***Unless the Bank or its agent informs the purchaser otherwise in the confirmation of sale, this prospectus is being used in a market-making transaction.***

This prospectus is dated December 26, 2018.

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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, 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 website 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 prospectus 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 prospectus supplements relating to each series of securities will be attached to the front of this prospectus. If there is any inconsistency between the information in this prospectus and any applicable prospectus supplement, you should rely on the information in the most recent applicable prospectus supplement. We urge you to read carefully both this prospectus and any applicable prospectus supplement accompanying this prospectus, together with the information incorporated herein and in any applicable prospectus 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 prospectus supplements, including the information incorporated by reference herein and therein. 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 prospectus supplement. We take no responsibility for and can make no assurance as to the reliability of 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 any applicable prospectus 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 prospectus 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 prospectus 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 “underwriters” within the meaning of the Securities Act of 1933, as amended (the “Securities Act”).

In this prospectus, unless the context otherwise indicates, the “Bank,” “we,” “us” or “our” means The Bank of Nova Scotia and its subsidiaries.

PRESENTATION OF FINANCIAL INFORMATION

The Bank prepares its consolidated financial statements in accordance with International Financial Reporting Standards (“IFRS”) as issued by the International Accounting Standards Board. Additionally, the Bank publishes its consolidated financial statements in Canadian dollars. In this prospectus and any applicable prospectus supplement, currency amounts are stated in Canadian dollars, unless specified otherwise. References to “\$,” “Cdn\$” and “dollars” are to Canadian dollars, and references to “US\$” are to U.S. dollars.

CAUTION REGARDING FORWARD-LOOKING STATEMENTS

This prospectus and any applicable prospectus supplement, including documents incorporated by reference herein and therein, may contain forward-looking information or forward-looking statements (collectively, “forward-looking statements”). All such statements are made pursuant to the “safe harbor” provisions of the U.S. Private Securities Litigation Reform Act of 1995 and any applicable Canadian securities legislation. Forward-looking statements may include, but are not limited to, statements made in this prospectus, any applicable prospectus supplement, the “Management’s Discussion and Analysis” in the Bank’s Annual Report on Form 40-F for the fiscal year ended October 31, 2018 under the headings “Outlook”, as updated by the Bank’s quarterly reports and in other statements regarding the Bank’s objectives, strategies to achieve those objectives, the regulatory environment in which the Bank operates, anticipated financial results (including those in the area of risk management), and the outlook for the Bank’s businesses and for the Canadian, U.S. and global economies. Such statements are typically identified by words or phrases such as “believe,” “expect,” “foresee,” “forecast,” “anticipate,” “intend,” “estimate,” “plan,” “goal,” “project,” and similar expressions of future or conditional verbs, such as “will,” “may,” “should,” “would” and “could.”

By their very nature, forward-looking statements involve numerous assumptions, inherent risks and uncertainties, both general and specific, and the risk that predictions and other forward-looking statements will not prove to be accurate. Do not unduly rely on forward-looking statements, as a number of important factors, many of which are beyond the Bank’s control and the effects of which can be difficult to predict, could cause actual results to differ materially from the estimates and intentions expressed in such forward-looking statements. These factors include, but are not limited to: general economic and market conditions in the countries in which the Bank operates; changes in currency and interest rates; increased funding costs and market volatility due to market illiquidity and competition for funding; the failure of third parties to comply with their obligations to the Bank and its affiliates; changes in monetary, fiscal, or economic policy and tax legislation and interpretation; changes in laws and regulations or in supervisory expectations or requirements, including capital, interest rate and liquidity requirements and guidance, and the effect of such changes on funding costs; changes to the Bank’s credit ratings; operational and infrastructure risks; reputational risks; the accuracy and completeness of information the Bank receives on customers and counterparties; the timely development and introduction of new products and services; the Bank’s ability to execute its strategic plans, including the successful completion of acquisitions and dispositions and obtaining regulatory approvals; critical accounting estimates and the effect of changes to accounting standards, rules and interpretations on these estimates; global capital markets activity; the Bank’s ability to attract, develop and retain key executives; the evolution of various types of fraud or other criminal behaviour to which the Bank is exposed; disruptions in or attacks (including cyber-attacks) on the Bank’s information technology, internet, network access, or other voice or data communications systems or services; increased competition in the geographic and business areas in which the Bank operates, including through internet and mobile banking and non-traditional competitors; exposure related to significant litigation and regulatory matters; the occurrence of natural and unnatural catastrophic events and claims resulting from such events; and the Bank’s anticipation of and success in managing the risks implied by the foregoing. A substantial amount of the Bank’s business involves making loans or otherwise committing resources to specific companies, industries or countries. Unforeseen events affecting such borrowers, industries or countries could have a material adverse effect on the Bank’s financial results, businesses, financial condition or liquidity. These and other factors may cause the Bank’s actual performance to differ materially from that contemplated by

forward-looking statements. For more information, see the “Risk Management” section of the Bank’s Annual Report on Form 40-F for the fiscal year ended October 31, 2018, as may be updated by the Bank’s quarterly reports.

Material economic assumptions underlying the forward-looking statements contained in this prospectus are set out in the Bank’s Annual Report on Form 40-F for the fiscal year ended October 31, 2018 under the headings “Outlook” as updated by quarterly reports. The “Outlook” sections are based on the Bank’s views and the actual outcome is uncertain. Readers should consider the above-noted factors when reviewing these sections.

The preceding list of factors is not exhaustive of all possible risk factors and other factors could also adversely affect the Bank’s results. When relying on forward-looking statements to make decisions with respect to the Bank and its securities, investors and others should carefully consider the preceding factors, other uncertainties and potential events. The forward-looking statements contained in this prospectus and any accompanying prospectus supplement are presented for the purpose of assisting the holders of the Bank’s securities and financial analysts in understanding the Bank’s financial position and results of operations as at and for the periods ended on the dates presented, as well as the Bank’s financial performance objectives, vision and strategic goals, and may not be appropriate for other purposes. Except as required by law, the Bank does not undertake to update any forward-looking statements, whether written or oral, that may be made from time to time by or on its behalf.

WHERE YOU CAN FIND MORE INFORMATION

In addition to the continuous disclosure obligations under the securities laws of the provinces and territories of Canada, the Bank is subject to the informational reporting requirements of the U.S. Securities Exchange Act of 1934, as amended (the “Exchange Act”), and in accordance therewith files or furnishes reports and other information with the SEC. Under the multijurisdictional disclosure system adopted by the United States and Canada, such reports and other information may be prepared in accordance with the disclosure requirements of the provincial and territorial securities regulatory authorities of Canada, which requirements are different from those of the United States. As a foreign private issuer, the Bank is exempt from the rules under the Exchange Act prescribing the furnishing and content of proxy statements, and the Bank’s officers and directors are exempt from the reporting and short swing profit recovery provisions contained in Section 16 of the Exchange Act. The Bank’s reports and other information filed with or furnished to the SEC are available, and reports and other information filed or furnished in the future with or to the SEC will be available, from the SEC’s Electronic Document Gathering and Retrieval System (<http://www.sec.gov>), which is commonly known by the acronym “EDGAR,” as well as from commercial document retrieval services. The Bank’s website address is www.scotiabank.com. The information contained on, or accessible through, the website does not constitute a part of this prospectus. The Bank has included the website address in this prospectus solely as an inactive textual reference. The Bank’s common shares are listed on the New York Stock Exchange and the Toronto Stock Exchange.

The Bank has filed with the SEC, under the Securities Act, a registration statement on Form F-3 with respect to the securities and of which this prospectus forms a part. This prospectus does not contain all of the information that is set forth in the registration statement, certain parts of which are omitted in accordance with the rules and regulations of the SEC. Statements made in this prospectus as to the contents of any contract, agreement or other document referred to are not necessarily complete, and in each instance, reference is made to an exhibit, if applicable, for a more complete description of the matter, each such statement being qualified in its entirety by such reference. For further information with respect to the Bank and the securities, reference is made to the registration statement and the exhibits thereto, which are publicly available as described in the preceding paragraph.

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:

- Registration Statement on Form 40-FR12B filed on May 3, 2002;
- Report on Form 6-K filed on April 9, 2015 (Acc-no: 0001193125-15-124428);
- Annual Report on Form 40-F for the fiscal year ended October 31, 2018, filed on November 27, 2018;
- Reports on Form 6-K filed on November 27, 2018 (seven filings) (Acc-nos: 0001193125-18-334451; 0001193125-18-33497; 0001193125-18-334611; 0001193125-18-334694; 0001193125-18-334778; 0001193125-18-334798; and 0001279569-18-002368);
- Report on Form 6-K filed on November 30, 2018 (Acc-no: 0001279569-18-002382); and
- Report on Form 6-K filed on December 20, 2018 (Acc-no: 0001279569-18-002502).

We may also incorporate any other Form 6-K that we furnish 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:

The Bank of Nova Scotia
Scotia Plaza
44 King Street West
Toronto, Ontario
Canada M5H 1H1
Attention: Secretary
Telephone: (416) 866-3672

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 set out herein and incorporated by reference in this prospectus (including subsequently filed documents incorporated by reference) and, if applicable, those described in the applicable prospectus supplements relating to a specific offering of securities. You should consider the categories of risks identified and discussed in the Bank's Annual Report on Form 40-F for the fiscal year ended October 31, 2018, as amended by the Bank's quarterly reports, which are incorporated herein by reference, including credit risk, market risk, liquidity risk, operational risk, reputational risk, environmental risk, insurance risk and strategic risk, those summarized under "Caution Regarding Forward-Looking Statements" above, as well as the following:

It may be difficult to enforce U.S. civil liability claims against the Bank.

The Bank is incorporated under the federal laws of Canada under the *Bank Act* (Canada) (the "Bank Act"). Substantially all of our directors and executive officers, 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 us 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. Based on the foregoing, it may not be possible for U.S. investors to enforce against us any judgments obtained in U.S. courts in civil and commercial matters, including judgments under the U.S. federal securities laws.

Holders may not be entitled to receive U.S. dollars in a winding-up.

If you are entitled to any recovery with respect to your securities in any winding-up, you might not be entitled in those proceedings to a recovery in U.S. dollars and might be entitled only to a recovery in Canadian dollars.

Foreign Account Tax Compliance Act Withholding may affect payments on the securities.

Sections 1471 through 1474 of the United States Internal Revenue Code of 1986, as amended, or similar law implementing an intergovernmental approach thereto ("FATCA") may affect payments on the securities. See "United States Taxation—Foreign Account Tax Compliance Act Withholding" for a discussion of the effects of FATCA on the ownership of the securities.

Risks Related to the Bank's Debt Securities

The Bank's debt securities will be subject to risks, including non-payment in full or, in the case of bail-inable debt securities, 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 the Debt Securities We May Offer—Canadian Bank Resolution Powers” 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 debt securities being exposed to losses and, in the case of bail-inable debt securities, conversion of such 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, which we refer to as a “bail-in conversion.” Subject to certain exceptions discussed under “Description of the Debt Securities We May Offer—Canadian Bank Resolution Powers,” including for certain structured notes, senior debt securities 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 are unsecured or partially secured and that have been assigned a CUSIP or ISIN or similar identification number, are subject to 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 senior debt securities that are subject to bail-in conversion as “bail-inable debt securities.”

Upon a bail-in conversion, if your bail-inable debt securities 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 debt securities, or common shares of the Bank or any of its affiliates into which bail-inable debt securities are converted, may be of little value at the time of a bail-in conversion and thereafter. Such losses may not be offset by compensation, if any, received as part of the compensation process.

The senior debt securities indenture will provide only limited acceleration and enforcement rights for bail-inable debt securities issued thereunder and includes other provisions intended to qualify bail-inable debt securities 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, beginning November 1, 2021, 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 certain prescribed criteria, which are discussed under “Description of the Debt Securities We May Offer—Canadian Bank Resolution Powers,” will constitute TLAC of the Bank.

In order to comply with the TLAC Guideline, where the bail-inable debt securities contain events of default, the indenture under which bail-inable debt securities may be issued provides that, for any bail-inable debt securities, acceleration will only be permitted (i) if we default in the payment of the principal of, or interest on, any debt security 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 or beneficial owners of bail-inable debt securities may only exercise, or direct the exercise of, the rights described under “Description of the 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 debt securities will continue to be subject to bail-in conversion until repaid in full.

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

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 debt securities that are converted. In addition, except as provided for under the compensation process, the rights of holders in respect of the bail-inable debt securities 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 Bank’s debt securities will be subject to risks, including non-payment in full or, in the case of bail-inable debt securities, 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 debt securities 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 bail-inable debt securities 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 securities. 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 bail-inable debt securities, whether or not the Bank has ceased, or is about to cease, to be viable. Therefore, in those circumstances, holders of bail-inable debt securities may not be able to sell such bail-inable debt securities easily or at prices comparable to those of 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 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, which are discussed under “Description of the Debt Securities We May Offer—Canadian Bank Resolution Powers.”

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 debt security 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 debt securities, which could be significantly less than the principal amount of those bail-inable debt securities. 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 debt securities 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 debt securities, 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 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. 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 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. Given the considerations involved in determining the amount of compensation, if any, that a holder that held bail-inable debt securities 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 debt security, 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 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. See “Description of the Debt Securities We May Offer—Canadian Bank Resolution Powers” in this 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 debt securities 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 debt securities that are converted, including with respect to priority and rights on liquidation, will no longer apply as the portion of converted bail-inable debt securities 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 debt securities 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 debt securities after the occurrence of a TLAC Disqualification Event.

If a TLAC Disqualification Event (as defined herein) is specified in the applicable prospectus 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 debt securities 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 prospectus supplement, together with unpaid interest accrued thereon to, but excluding, the date fixed for redemption. If we redeem bail-inable debt securities, 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 debt securities 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 debt securities may not satisfy the criteria in future rulemakings or interpretations.

Although the indentures and our debt securities are primarily governed by New York law, certain provisions are governed by the laws of the Province of Ontario and the federal laws of Canada applicable therein.

The indentures and our debt securities will be governed by, and construed in accordance with, the laws of the State of New York, except for the provisions relating to the bail-in acknowledgment of holders and beneficial owners of bail-inable debt securities in the senior debt securities indenture, the subordination provisions in the subordinated debt securities indentures, the non-viability contingent capital (“NVCC”) provisions in the NVCC subordinated debt securities indenture (or in the subordinated debt securities indenture pursuant to any amendment or supplement thereto) and certain provisions relating to the status of the senior debt securities, which will be governed by the laws of the Province of Ontario and the federal laws of Canada applicable therein.

Generally, in an action commenced in a Canadian court for the enforcement of an indenture or any debt securities, a plaintiff will be required to prove those non-Canadian laws as a matter of fact by the evidence of persons who are experts in those laws.

THE BANK OF NOVA SCOTIA

The Bank is a Canadian chartered bank under the Bank Act. The Bank Act is the charter of the Bank and governs its operations.

The Bank is Canada's international bank and a leading financial services provider in the Americas. Through its team of more than 97,000 employees and assets of \$998 billion (as at October 31, 2018), the Bank and its affiliates offer a broad range of advice, products and services, including personal and commercial banking, wealth management and private banking, corporate and investment banking, and capital markets to its 25 million customers. The Bank's common shares trade on the Toronto Stock Exchange (TSX:BNS) and New York Stock Exchange (NYSE: BNS).

A list of the principal subsidiaries directly or indirectly owned or controlled by the Bank as at October 31, 2018 is incorporated by reference from the Bank's Annual Report on Form 40-F for the fiscal year ended October 31, 2018.

The registered and head office of the Bank is located at 1709 Hollis Street, Halifax, Nova Scotia, B3J 1W1 and its executive offices are located at Scotia Plaza, 44 King Street West, Toronto, Ontario, M5H 1H1 and its telephone number is (416) 866-3672.

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. Under the Bank's by-laws, the minimum number of directors is the minimum required by the Bank Act and the maximum number of directors is 35. The Bank's by-laws also 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. The Bank currently has 16 directors. The Bank Act requires that no more than two-thirds of the directors may be affiliated with the Bank, 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 employees may be directors if they constitute not more than 50% of the 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 the 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. Subject to the Bank Act, a quorum for the transaction of business at any meeting of the board of directors shall consist of a majority of directors. 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 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. In accordance with the Bank's governance policy, directors appointed or elected before December 3, 2010 must retire on the earlier of (1) April 1, 2021, or (2) when they turn 70. However, if at age 70 a director appointed before December 3, 2010 has not served 10 years, their term is extended and they must retire by the end of a 10 year term. Directors appointed or elected between December 3, 2010 and July 1, 2015 must retire on the earlier of (1) the completion of a 15 year term, or (2) when they turn 70. However, if at age 70 a director elected between December 3, 2010 and July 1, 2015 has not served 10 years, their term is extended and they must retire by the end of a 10 year term. Directors appointed or elected after July 1, 2015 may serve on the board for a twelve year term.

Conflicts of Interest

The Bank Act contains detailed provisions with regard to a director's power to vote on a material contract or material transaction 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 contract or transaction giving rise to the conflict of interest is being considered, and voting with respect to the contract or transaction 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 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. The directors may also be paid their reasonable out-of-pocket expenses incurred in attending meetings of the board, shareholders or committees of the board.

Directors are required to hold common shares and/or directors' deferred stock units ("DDSU") with a value of not less than five times the equity portion of their remuneration (\$725,000 for directors and \$850,000 for the Chairman) and directors have five years to meet this requirement. The redemption value of a DDSU is equal to the market value of a common share at the time of redemption. The value of DDSUs is tied to the future value of the common shares. However, DDSUs do not entitle the holder to voting or other shareholder rights.

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.

CONSOLIDATED CAPITALIZATION OF THE BANK

The following table sets forth the consolidated capitalization of the Bank at October 31, 2018. This table should be read in conjunction with the Bank's audited consolidated financial statements and the management's discussion and analysis for the year ended October 31, 2018, furnished as an exhibit to the Bank's Annual Report on Form 40-F filed on November 27, 2018 and which is incorporated by reference in this prospectus.

	<u>As at October 31, 2018 (In millions of Canadian Dollars)</u>
Subordinated debentures	\$ 5,698
Equity	
Common equity	
Common shares	18,234
Retained earnings	41,414
Accumulated other comprehensive income	992
Other reserves	<u>404</u>
Total common equity	61,044
Preferred shares and other equity instruments	<u>4,184</u>
Total equity attributable to equity holders of the Bank	65,228
Non-controlling interests	
Non-controlling interests in subsidiaries	<u>2,452</u>
Total equity	<u>67,680</u>
Total capitalization	<u><u>\$73,378</u></u>

USE OF PROCEEDS

Unless otherwise specified in an applicable prospectus supplement, the net proceeds to the Bank from the sale of securities will be added to the general funds of the Bank and utilized for general banking 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, and an unlimited number of preferred shares, without nominal or par value, issuable in series, in each case the aggregate consideration for which is also unlimited.

Common Shares

Voting. Holders of the Bank's common shares are entitled to vote at all meetings of the Shareholders of the Bank, except meetings at which only the holders of preferred shares of the Bank are entitled to vote. 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.

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. 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, at the request of a shareholder to the transfer agent or broker, the Bank will pay dividends to a U.S. holder of common shares, if and when a dividend is declared, in U.S. dollars. 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. 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 board of directors is authorized, subject to the provisions of the Bank Act, without shareholder approval, to divide any unissued preferred shares into series and fix the number of shares in each series and the rights, privileges, restrictions and conditions of each such series, and to change the rights, privileges, restrictions and conditions attached to unissued preferred shares of any series.

NVCC Provisions. Effective January 1, 2013, in accordance with capital adequacy requirements adopted by the Office of the Superintendent of Financial Institutions (Canada) ("OSFI"), non-common capital instruments issued after January 1, 2013, including preferred shares, must include terms providing for the full and permanent

conversion of such securities into common shares upon the occurrence of certain trigger events relating to financial viability (see “Description of The Debt Securities We May Offer—Non-Viability Contingent Capital Provisions”) in order to qualify as regulatory capital. As of January 1, 2013, all outstanding capital instruments that do not meet the NVCC requirement will be considered non-qualifying capital instruments and will be phased out beginning January 1, 2013.

Priority. The preferred shares, as a class, are entitled to preference over common shares and over any other shares ranking junior to the preferred shares with respect to the payment of dividends and distribution of assets in the event of the liquidation, dissolution or winding-up of the Bank, or any other distribution of the assets among shareholders for the purpose of winding-up the affairs of the Bank, provided that a trigger event has not occurred as contemplated under the specific NVCC Provisions (as described above) applicable to such preferred shares. The preferred shares of each series rank on a parity with the preferred shares of every other series with respect to priority in payment of dividends and in the distribution of assets in the event of liquidation, dissolution or winding-up of the Bank, or any other distribution of the assets among shareholders for the purpose of winding-up the affairs of the Bank. However, in the event of the occurrence of a trigger event under the NVCC Provisions, the priority of the preferred shares will not be relevant since all preferred shares will be converted into our common shares which will rank on a parity with all other common shares issued by us.

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. Any approval to be given by the holders of preferred shares may be given by a resolution carried by the affirmative vote of not less than 66⅔% of the votes cast at a meeting of holders of preferred shares at which a majority of the outstanding preferred shares is represented or, if no quorum is present at such meeting, at any adjourned meeting at which no quorum requirements would apply.

Limitations Affecting Holders of Common and Preferred Shares

Restraints on Bank Shares Under the Bank Act

In accordance with the Bank Act, 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*) (the “Minister”). 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 if: (a) 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 (b) 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. Ownership of the Bank’s shares by Canadian or foreign governments is prohibited under the Bank Act. However, in 2009 certain amendments were made to the Bank Act that would permit the Canadian federal government to acquire shares of a bank, including the Bank, if the Minister and Governor in Council were to conclude that to do so was necessary to promote stability of the financial system in Canada. While the government holds any shares of a bank, including the Bank, the Minister may impose certain terms and conditions, including conditions on the payment by the Bank of dividends on any of its shares.

The Minister 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. 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 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 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 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.

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 and liquidity regulations of the Bank Act or any capital or liquidity directions of OSFI.

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. A review of the government's bank merger policy is not currently a priority and as a result, it is unlikely that the Minister 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.

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 shareholders present in person or represented by proxy of at least 25% of the outstanding shares of the Bank entitled to vote at the meeting.

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 500 words. Under the Bank Act, a proposal may include nominations for the election of directors if it is signed by one or more holders 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 90 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 requisition that the directors call a meeting of shareholders for the purpose stated in the requisition and may call the special meeting if the directors do not do so within 21 days after receiving the request.

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.

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 a vote of not less than two-thirds of the votes cast by shareholders who voted in respect of the special 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 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 "—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 at the following addresses: Computershare Trust Company of Canada, 100 University Ave., 8th Floor, Toronto, Ontario, M5J 2Y1 and Computershare Trust Company, National Association, 250 Royall Street, Canton, Massachusetts, 02021.

DESCRIPTION OF THE DEBT SECURITIES WE MAY OFFER

References to “the Bank,” “us,” “we” or “our” in this section mean The Bank of Nova Scotia, and do not include the subsidiaries of The Bank of Nova Scotia. 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 trustees 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 prospectus, 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.”

The following description sets forth certain general terms and provisions of the debt securities. We will provide particular terms and provisions of a series of debt securities and a description of how the general terms and provisions described below may apply to that series in a prospectus supplement. Prospective investors should rely on information in the applicable prospectus supplement if it is different from the following information.

Debt Securities May Be Senior or Subordinated

We may issue debt securities which may be senior or subordinated in right of payment. 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 securities indenture 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 one of our subordinated debt securities indentures described below and will be subordinate in right of payment to all of our senior indebtedness, as set forth in the applicable subordinated debt securities indenture. None of the indentures limit 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. In addition, 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” or “debt security” in this section, we mean both the senior debt securities and the subordinated debt securities.

The Senior and Subordinated Debt Securities Indentures

The senior debt securities and the subordinated debt securities are each governed by indentures—the senior debt securities indenture, as amended and supplemented by the first supplemental indenture thereto, in the case of the senior debt securities, and either the subordinated debt securities indenture or the subordinated debt securities indenture (Non-Viability Contingent Capital)(NVCC) (the “NVCC subordinated debt securities indenture”), in the case of the subordinated debt securities. When we refer to the “indentures,” we mean the senior debt securities indenture, the subordinated debt securities indenture and the NVCC subordinated debt securities indenture, collectively, when we refer to the “indenture,” we mean the senior debt securities indenture, the subordinated debt securities indenture or the NVCC subordinated debt securities indenture, as applicable, and when we refer to the “subordinated debt securities indentures,” we mean the subordinated debt securities indenture and the NVCC subordinated debt securities indenture. Each indenture is a contract between us, Computershare Trust Company, National Association, as U.S. trustee, and Computershare Trust Company of Canada, as Canadian trustee, which act as trustees. When we refer to the “trustees,” we mean both the U.S. trustee and the Canadian trustee, and when we refer to the “trustee,” we mean either the U.S. trustee or the Canadian trustee, as applicable. The indentures are subject to and governed by the U.S. Trust Indenture Act of 1939, as amended (the “Trust Indenture Act”), and applicable Canadian trust indenture legislation. The indentures are substantially identical, except for:

- the events of default, which are more limited in the subordinated debt securities indentures;
- the subordination provisions, which are included only in the subordinated debt securities indentures;
- the bail-inable debt securities provisions, which are included only in the senior debt securities indenture; and
- the non-viability contingent capital provisions, which are included only in the NVCC subordinated debt securities indenture, unless otherwise included in the subordinated debt securities indenture by way of supplemental indenture.

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

The trustees have two main roles:

- The trustees 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 trustees act on behalf of holders, described below under “—Events of Default—Remedies If an Event of Default Occurs.”
- The trustees perform 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 for the provisions relating to the bail-in acknowledgment of holders and beneficial owners of bail-inable debt securities in the senior debt securities indenture, the subordination provisions in the subordinated debt securities indentures, the non-viability contingent capital provisions in the NVCC subordinated debt securities indenture (or in the subordinated debt securities indenture pursuant to any amendment or supplement thereto) and certain provisions relating to the status of the senior debt securities, which will be governed by the laws of the Province of Ontario and the federal laws of Canada applicable therein. A copy of each of the senior debt securities indenture and the first supplemental indenture thereto, the subordinated debt securities indenture and the NVCC subordinated debt securities indenture is an exhibit 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.

General

We may issue as many distinct series of debt securities as we wish under each indenture. The provisions of the senior debt securities indenture and the subordinated debt securities indentures 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. The Bank does 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 debt securities of such series subject to bail-in conversion. We may issue debt securities in amounts that exceed the total amount specified on the cover of your applicable prospectus 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 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 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 prospectus supplement. Most of the specific terms of your series will be described in the applicable prospectus supplements accompanying this prospectus. As you read this section, please remember that the specific terms of your debt security as described in the applicable prospectus 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 prospectus supplements and this prospectus, the information in the most recent applicable prospectus 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 the most complete description of what we describe in summary form in this prospectus.

We may issue the debt securities as original issue discount securities, which will be offered and sold at a substantial discount below their stated principal amount. An applicable prospectus 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 prospectus supplement relating to any of the particular debt securities. An applicable prospectus supplement relating to specific debt securities will also describe any special considerations and any additional material 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.

We may issue debt securities up to an aggregate principal amount as we may authorize from time to time. The applicable prospectus 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;
- whether the debt securities are bail-inable debt securities (as defined below under “—Special Provisions Related to Bail-inable Debt Securities”) and, if so, the specific terms of any bail-inable debt securities;

- the specific terms of any NVCC Provisions (as defined below under “—Special Provisions Related to the Subordinated Debt Securities—Non-Viability Contingent Capital Provisions”);
- any limit on the aggregate principal amount of the series of debt securities;
- the person to whom interest, if any, on a debt security is payable, if other than the holder on the regular record date;
- the date or dates, if any, 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, how to calculate the interest rate or rates 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;
- provisions, if any, for the cancellation of any interest payment at our discretion or under other circumstances;
- 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;
- if the debt securities may be converted into or exercised or exchanged for other of our securities, 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 securities issuable upon conversion, exercise or exchange may be adjusted;
- if other than denominations of US\$2,000 and integral multiples of US\$1,000 in excess 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 debt security, the depositary or its nominee with respect to the series of debt securities and the circumstances under which the global debt 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.

Market-Making Transactions

One or more of our subsidiaries may purchase and resell debt securities in market-making transactions after their initial issuance. If you purchase debt securities issued before September 23, 2018 in a market making transaction, those debt securities will not be bail-inable debt securities, even though the applicable prospectus supplement may not specify that your debt security is not a bail-inable debt security.

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.

Covenants

Except as described in this sub-section or as otherwise provided in an applicable prospectus 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 prospectus 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 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 or lease 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 but in which we do not merge, amalgamate, consolidate or otherwise combine; or
- 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, if any, of the principal of a debt security;
- reduce the interest on a debt security, except as may be permitted by the indenture;
- 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 the unaffected 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 securities indentures 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. Additionally, 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.

Modification of Bail-inable Debt Securities. Where an amendment, modification or other variance that can be made to the senior debt securities 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.

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 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, we will use a special rule for that debt security described in the applicable prospectus 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 those 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 trustees will be entitled to set a record date for action by holders. If the trustees 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 trustees, 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 securities indenture provides for certain provisions applicable to bail-inable debt securities. The prospectus 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 securities 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 are unsecured or partially secured and that have been assigned a CUSIP or ISIN or similar identification number, 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 the bail-in regime, 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 senior debt securities that are subject to bail-in conversion as “bail-inable debt securities.”

Agreement with Respect to the Exercise of Canadian Bail-in Powers

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; and (iii) 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 senior debt securities 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 bail-inable debt security is deemed to irrevocably consent to the converted portion of the principal amount of that bail-inable 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 trustees; 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.

TLAC Disqualification Event Redemption

If a TLAC Disqualification Event (as defined herein) is specified in the applicable prospectus 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 debt securities 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 prospectus 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 debt securities issued under the applicable prospectus 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 debt securities from the Bank's TLAC requirements is due to the remaining maturity of those bail-inable debt securities being less than any period prescribed by any relevant eligibility criteria applicable as of the issue date of those bail-inable debt securities.

No Set-Off or Netting Rights

Holders and beneficial owners of bail-inable debt securities will not be entitled to exercise, or direct the exercise of, any set-off or netting rights with respect to their bail-inable debt securities.

Approval of Redemption, Repurchases and Defeasance

Where the redemption, repurchase or any full defeasance or covenant defeasance with respect to bail-inable debt securities 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.

Trustee and Trustee's Duties

The trustees 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.

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 trustees, for, agrees not to initiate a suit against the trustees in respect of, and agrees that the trustees will not be liable for, any action that the trustees take, or abstain 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 trustees will not be required to take any further directions from holders of those bail-inable debt securities under Section 512 of the senior debt securities 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 senior debt securities indenture will not impose any duties upon the trustees 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 trustees' duties under the senior debt securities indenture will remain applicable with respect to those bail-inable debt securities following such completion to the extent that the Bank and the trustees will agree pursuant to a supplemental indenture or an amendment to the senior debt securities 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 senior debt securities indenture, and the resignation and/or removal of either of the trustees, the appointment of a successor trustee and the rights of the trustees or any successor trustee will continue to be governed by the senior debt securities indenture, including to the extent no additional supplemental indenture or amendment to the senior debt securities 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”) and the holders of bail-inable debt securities through DTC as soon as practicable regarding such bail-in conversion. We will also deliver a copy of such notice to the trustees 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 trustees or the paying agent.

Clearing Systems

By its acquisition of an interest in any bail-inable debt security, each holder or beneficial owner of an interest in that bail-inable debt security is deemed to have authorized, directed and requested any clearing system and any direct participant in such clearing system 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 any other action pursuant to the bail-in regime with respect to such bail-inable debt security, as may be imposed on it, without any further action or direction on the part of that holder or beneficial owner, the trustees 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.

Submission to Jurisdiction

By its acquisition of an interest in any bail-inable debt security, each holder or beneficial owner of that bail-inable debt security 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 senior debt securities indenture and the bail-inable debt securities.

Special Provisions Related to the Subordinated Debt Securities

The subordinated debt securities issued under the subordinated debt securities indentures 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 securities indentures may prohibit us from making payments on these debt securities.

If we become insolvent or are wound-up, the subordinated debt securities will rank subordinate in right of payment to the prior payment in full of all 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 under certain circumstances and, except

as otherwise provided in an applicable prospectus supplement with respect to any series of subordinated debt securities, will rank equally with, but not prior to, all other Subordinated indebtedness.

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

- (1) all deposit liabilities of the Bank; and
- (2) all other liabilities and obligations of the Bank which in accordance with the accounting rules established for Canadian chartered banks issued under the authority of the Superintendent appointed pursuant to OSFI pursuant to the Bank Act or with IFRS, as the case may be, would be included in determining the total liabilities of the Bank at such time, other than liabilities for paid-up capital, contributed surplus, retained earnings and general reserves of the Bank.

“Subordinated indebtedness” at any time means:

- (1) the liability of the Bank in respect of the principal of and premium, if any, and interest on its outstanding subordinated indebtedness;
- (2) 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; and
- (3) 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.

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

Non-Viability Contingent Capital Provisions

In accordance with capital adequacy requirements adopted by the OSFI, in order to qualify as regulatory capital, non-common capital instruments issued after January 1, 2013, including subordinated debt securities, must include terms providing for the full and permanent conversion of such securities into common shares of the Bank upon the occurrence of a Trigger Event (the “NVCC Provisions”).

“Trigger Event” has the meaning set out in the OSFI Guideline for Capital Adequacy Requirements (CAR), Chapter 2—Definition of Capital, dated April 2018, as such term may be amended or superseded by OSFI from time to time, which term currently provides that each of the following constitutes a Trigger Event:

- 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 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.

The specific terms of any NVCC Provisions for any subordinated debt securities that we issue under this prospectus will be described in one or more prospectus supplements relating to such subordinated debt securities.

If subordinated debt securities issued under the subordinated debt securities indentures are converted into common shares in accordance with NVCC 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 NVCC Provisions of the NVCC subordinated debt securities indenture (or in the subordinated debt securities indenture pursuant to any amendment or supplement thereto) will be governed by the laws of the Province of Ontario and the federal laws of Canada applicable therein.

The NVCC Provisions do not apply to senior debt securities offered under this prospectus.

Conversion or Exchange of Debt Securities

If and to the extent mentioned in the applicable prospectus supplements, any debt securities may be optionally or mandatorily convertible or exchangeable for other securities of the Bank, 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 prospectus 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 prospectus supplements.

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 prospectus supplements. The following discussion of full defeasance and covenant defeasance will not be applicable to subordinated debt securities that are subject to the NVCC Provisions. Any full 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 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 of a series, 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 of that series a combination of money and notes or bonds of (i) the U.S. government or (ii) a U.S. government agency or U.S. government-sponsored entity, the obligations of which, in each case, 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 of that series on their various due dates.
- There must be a change in current U.S. federal income tax law or a ruling by the United States Internal Revenue Service that lets us make the above deposit without causing the holders to be taxed on the debt securities of that series any differently than if we did not make the deposit and just repaid the debt securities of that series ourselves. (Under current U.S. federal income tax law, 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 trustees a legal opinion of our counsel confirming the tax-law change described above and that the holders of the debt securities of that series 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.

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 of a series that may be described in the applicable prospectus 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, U.S. government agency or U.S. government-sponsored entity 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 of that series a combination of money and notes or bonds of (i) the U.S. government or (ii) a U.S. government agency or U.S. government-sponsored entity, the obligations of which, in each case, 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 of that series on their various due dates
- Deliver to the trustees a legal opinion of our counsel confirming that the holders of the debt securities of that series 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 prospectus 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 securities indenture, for bail-inable debt securities 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 debt security of that series and, in each case, the default continues for a period of 30 business days.
- We file for bankruptcy or certain other events of bankruptcy, insolvency or reorganization occur.
- Any other event of default described in an applicable prospectus supplement occurs.

Notwithstanding the foregoing, if you purchase senior debt securities that are part of a series created before September 23, 2018 or if your senior debt security is not otherwise a bail-inable debt security, “event of default” means any of the following:

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

Neither a bail-in conversion nor a conversion of subordinated debt securities into common shares in accordance with NVCC Provisions will constitute a default or an event of default under the senior debt securities indenture. An event of default regarding one series of debt securities will not cause an event of default regarding any other series of debt securities.

Under the subordinated debt securities indenture, the term “event of default” in respect of any series of debt securities means any of the following:

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

Under the NVCC subordinated debt securities indenture, the term “event of default” in respect of any series of debt securities means we file for bankruptcy or certain other events of bankruptcy, insolvency or reorganization occur. Neither the conversion of subordinated debt securities into common shares in accordance with NVCC Provisions, nor a default in the performance in any covenant of the Bank under such indenture, nor a bail-in conversion will constitute an event of default under the NVCC subordinated debt securities indenture or under the subordinated debt securities indenture (if the NVCC Provisions are included in the subordinated debt securities indenture pursuant to any amendment or supplement thereto).

Remedies if an Event of Default Occurs. If an event of default occurs, the trustees will have special duties. In that situation, the trustees will be obligated to use those of their rights and powers 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.

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.

With respect to the senior debt securities indenture and the subordinated debt securities indenture, if an event of default has occurred and has not been cured, the trustees 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 accrued and unpaid 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 trustees must take the aforementioned action or the holders must direct the trustees 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.

With respect to the NVCC subordinated debt securities indenture, if an event of default has occurred, and a Trigger Event has not occurred, the entire principal amount of and accrued and unpaid interest on all of the subordinated debt securities will become immediately due and payable without any declaration or other act on the part of the trustees or any holders of the subordinated debt securities.

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 the Bank Act or any rules, regulations, orders or guidelines passed pursuant thereto or in connection therewith or guidelines issued by the Superintendent in relation thereto limit the payment of such unpaid principal and interest under the debt securities before a specified time, our obligation to make such payment will be subject to such limitation.

You should read carefully the applicable prospectus 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 securities upon the occurrence of an event of default and its continuation.

Except in cases of default in which the trustees have the special duties described above, the trustees are not required to take any action under the indenture at the request of any holders unless the holders offer the trustees reasonable protection from expenses and liability, called an indemnity, reasonably satisfactory to the trustees. If such an indemnity is provided, 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 trustees. These majority holders may also direct the trustees in performing any other action under the applicable indenture with respect to the debt securities of that series.

Before you bypass the trustees 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 trustees written notice that an event of 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, treated as one class, must make a written request that the trustees take action because of such event of default;
- such holder or holders must offer reasonable indemnity to the trustees against the cost and other liabilities of taking that action;
- the trustees must have not taken action for 90 days after receipt of the above notice and offer of indemnity; and
- the trustees have not received any direction from a majority in principal amount of all outstanding debt 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 TRUSTEES AND TO MAKE OR CANCEL A DECLARATION OF ACCELERATION

We will give to the trustees 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.

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, 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 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 CDIC. Following receipt of the Superintendent’s report, CDIC may request the Minister to recommend that the Governor in Council (*Canada*) make an Order and, if the Minister is of the opinion that it is in the public interest to do so, the Minister 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 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 a 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 securities 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 are unsecured or partially secured and that have 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 securities 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 holders of bail-inable debt securities 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 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 security, 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 debt securities to the extent that those bail-inable debt securities are converted in a bail-in conversion, other than those provided under the bail-in regime.

TLAC Guideline

In connection with the bail-in regime, the TLAC Guideline applies to and establishes standards for D-SIBs, including the Bank. Under the TLAC Guideline, beginning November 1, 2021, 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 senior debt securities 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 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.

DESCRIPTION OF CERTAIN PROVISIONS RELATING TO THE DEBT SECURITIES WE MAY OFFER

Form, Exchange and Transfer

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

- only in fully-registered form;
- without interest coupons; and
- in denominations of US\$2,000 and integral multiples of US\$1,000 in excess thereof.

If a debt security is issued as a registered global debt security, as the case may be, only the depository—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 depository will be the sole registered holder of such debt security and is referred to below as the “holder.” Those who own beneficial interests in a global debt security do so through participants in the depository’s securities clearance system, and the rights of these indirect owners will be governed by the applicable procedures of the depository 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 authorized denominations or combined into fewer debt securities of larger authorized 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 applicable trustee. Debt securities may be transferred by endorsement. Holders may also replace lost, stolen or mutilated debt securities at that office. The trustees act as our agents 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 applicable 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 prospectus 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 Trustees

Computershare Trust Company, National Association and Computershare Trust Company of Canada serve as the trustees for our senior debt securities.

Computershare Trust Company, National Association and Computershare Trust Company of Canada also serve as the trustees for the subordinated debt securities.

The trustees make no representation or warranty, whether express or implied, with respect to the Bank, the debt securities and other matters described in this prospectus. The trustees have not prepared or reviewed any of the information included in this prospectus, except the trustees have consented to the use of their names. Such approval does not constitute a representation or approval by the trustees of the accuracy or sufficiency of any information contained in this prospectus.

Payment and Paying Agents

In accordance with and subject to the specific terms of any debt securities, we will pay interest to the person listed in the trustees' 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 an applicable prospectus 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 Computershare Trust Company, National Association or such other office as may be agreed upon. 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 trustees' corporate trust offices. 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 trustees will send notices regarding the debt securities only to registered holders, using their addresses as listed in the trustees' 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 trustees or any other paying agent.

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 debt securities. Then we describe special provisions that apply to global debt securities.

Who is the Legal Owner of a Registered 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 debt securities representing debt securities. We refer to those who have debt securities registered in their own names, on the books that we or the trustees maintain for this purpose, as the “registered holders” of those debt securities. Subject to limited exceptions, we and the trustees 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 prospectus supplement, we will issue each debt security in book-entry form only. This means debt securities will be represented by one or more global debt 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 debt security, through a bank, broker or other financial institution that participates in the depositary’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 issue debt securities initially in non-global form or we may terminate an existing global debt security, as described below under “—What is a Global Debt Security?—Holder’s Option to Obtain a Non-Global Debt Security; Special Situations When a Global Debt Security Will Be Terminated.” 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 trustees 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 debt 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 depositary 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 prospectus 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 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 depositary’s rules and procedures will affect these matters.

What is a Global Debt Security?

Unless otherwise noted in the applicable prospectus 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 debt 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 “depositary” for that debt security. A debt security will usually have only one depositary 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”; or
- any other clearing system or financial institution named in the applicable prospectus supplements.

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

A global debt security may represent one or any other number of individual debt securities. Generally, all debt securities represented by the same global debt security will have the same terms. We may, however, issue a global debt security that represents multiple debt 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 debt security a master global debt security. The applicable prospectus supplements will not indicate whether your debt securities are represented by a master global debt security.

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

If an applicable prospectus 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 debt security at all times unless and until the global debt security is terminated. We describe the situations in which this can occur below under “—Holder’s Option to Obtain a Non-Global Debt Security; Special Situations When a Global Debt 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 Debt Securities. As an indirect owner, an investor’s rights relating to a global debt security will be governed by the account rules of the depositary 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 depositary), as well as general laws relating to 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 depositary that holds the global debt security.

If debt securities are issued only in the form of a global debt 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 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 debt 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 debt security, and those policies may change from time to time. We and the trustees will have no responsibility for any aspect of the depositary’s policies, actions or records of ownership interests in a global debt security. We and the trustees also do not supervise the depositary in any way;
- the depositary may require that those who purchase and sell interests in a global debt 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 debt 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 debt security through Euroclear or Clearstream, when DTC is the depository, 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 and the trustees 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 Debt Security; Special Situations When a Global Debt 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 debt securities, any beneficial owner entitled to obtain non-global debt securities may do so by following the applicable procedures of the depository, 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 debt 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 debt 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 Security?”

The special situations for termination of a global debt 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 debt security and we do not appoint another institution to act as depository within 60 days;
- if we notify the trustees that we wish to terminate that global debt 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 debt security is terminated, only the depository, and neither we nor the trustees for any debt securities, is responsible for deciding the names of the institutions in whose names the debt securities represented by the global debt 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 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 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 owned by a number of its direct participants and by the New York Stock Exchange, Inc. and the Financial Industry Regulatory Authority, Inc. 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 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 depositary 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 depositaries for a global debt security. In addition, if DTC is the depositary for a global debt security, Euroclear and Clearstream may hold interests in the global debt security as participants in DTC.

As long as any global debt security is held by Euroclear or Clearstream, as depositary, you may hold an interest in the global debt security only through an organization that participates, directly or indirectly, in Euroclear or Clearstream. If Euroclear or Clearstream is the depositary for a global debt security and there is no

depository in the United States, you will not be able to hold interests in that global debt 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 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 TAXATION

This section describes the material U.S. federal income tax consequences to a U.S. holder (as defined below) of owning the securities we are offering. It is the opinion of Shearman & Sterling LLP, counsel to the Bank. It applies to you only if you acquire your securities at their original issuance, and you hold your securities as capital assets for U.S. federal income tax purposes. 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 our stock (by vote or value),
- a person subject to special tax accounting rules as a result of any item of gross income with respect to the securities being taken into account in an “applicable financial statement” (as defined in Section 451 of the Internal Revenue Code of 1986, as amended (the “Code”))
- a person that holds securities as part of a straddle or a hedging or conversion transaction, or
- a person whose functional currency for tax purposes is not the U.S. dollar.

This section is based on the Code, its legislative history, existing and proposed Treasury regulations promulgated under the Code, published rulings and court decisions, as well as the income tax treaty between the United States and Canada (the “Treaty”), all as currently in effect. These laws are subject to change, possibly on a retroactive basis.

If a partnership holds the securities, the U.S. 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 U.S. federal income tax treatment of an investment in the securities. This summary does not address tax consequences applicable to holders of equity interests in a holder of the securities, U.S. federal estate, gift or alternative minimum tax considerations, or non-U.S., state or local tax considerations.

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 U.S. holder if you are a beneficial owner of a security and you are:

- a citizen or individual resident of the United States,
- a domestic corporation,
- an estate whose income is subject to U.S. federal income tax regardless of its source, or
- a trust if (1) a U.S. court can exercise primary supervision over the trust’s administration and one or more U.S. persons are authorized to control all substantial decisions of the trust or (2) the trust has a valid election in effect under applicable Treasury regulations to be treated as a U.S. person.

Tax consequences to holders of our shares

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

Taxation of Dividends

The gross amount of any dividend we pay out of our current or accumulated earnings and profits (as determined for U.S. federal income tax purposes) is subject to U.S. federal income taxation. If you are a noncorporate U.S. holder, dividends paid to you that constitute “qualified dividend income” will be taxable to you at preferential rates applicable to long-term capital gains provided that (i) the Bank is a “qualified foreign corporation” and (ii) you hold the shares for more than 60 days during the 121 day period beginning 60 days before the ex-dividend date (or, in the case of preferred stock, if the dividend is attributable to a period or periods aggregating over 366 days, provided that you hold the shares for more than 90 days during the 181 day period beginning 90 days before the ex-dividend date) and meet other holding period requirements. The Bank generally will be a “qualified foreign corporation” if (1) it is either (a) eligible for the benefits of the Treaty, or (b) if the stock with respect to which such dividend is paid is readily tradable on an established securities market in the United States (as determined for U.S. federal income tax purposes), and (2) it is not a PFIC (as defined below) in the taxable year of the distribution or the immediately preceding taxable year. The Bank expects to be eligible for the benefits of the Treaty. In addition, as discussed below under “—PFIC Rules,” the Bank does not believe it should be treated as a PFIC for the current year or any future years.

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 U.S. corporations in respect of dividends received from other U.S. corporations. The amount of the dividend distribution that you must include in your income as a U.S. holder will be the U.S. dollar value of the Canadian payments made, determined at the spot Canadian dollar/U.S. dollar rate on the date the dividend distribution is includible in your income, regardless of whether the payment is in fact converted into U.S. dollars. Generally, any gain or loss resulting from currency exchange fluctuations during the period from the date you include the dividend payment in income to the date you convert the payment into U.S. dollars will be treated as ordinary income or loss and will not be eligible for the special tax rate applicable to qualified dividend income. Such gain or loss generally will be income or loss from sources within the United States for U.S. foreign tax credit limitation purposes. Distributions in excess of current and accumulated earnings and profits (as determined for U.S. federal income tax purposes) will be treated as a non-taxable return of capital to the extent of your tax basis in the shares and thereafter as capital gain. We do not expect to maintain calculations of earnings and profits for U.S. federal income tax purposes. Therefore, a U.S. holder should expect that such distribution will generally be treated as a dividend.

For U.S. foreign tax credit limitation purposes, dividends will be treated as income from sources outside the United States and will, depending on your circumstances, be treated as either “passive” or “general” income for U.S. foreign tax credit limitation purposes. The rules relating to the determination of the U.S. foreign tax credit, or deduction in lieu of the U.S. foreign tax credit, are complex and you should consult your tax advisors with respect to these rules.

Sale or Exchange of Shares

If you are a U.S. holder and you sell or otherwise dispose of your shares, you will recognize capital gain or loss for U.S. 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 shares. Capital gain of a noncorporate U.S. 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 U.S. foreign tax credit limitation purposes.

PFIC Rules

We believe that our shares should not be treated as stock of a passive foreign investment company (a “PFIC”) for U.S. federal income tax purposes, but this conclusion is a factual determination that is made annually and thus may be subject to change. Any subsequent determinations that we make with respect to our PFIC status will be discussed in an applicable prospectus supplement.

In general, if you are a U.S. holder, we will be a PFIC with respect to you if for any taxable year in which you held our 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 the sale or exchange of 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 described above as owning its proportionate share of the of the assets of the other corporation, and as receiving directly its proportionate share of the other corporation’s income. In addition, for purposes of the PFIC tests described above, income derived in the active conduct of our banking business should not be treated as passive income.

Tax consequences to holders of our debt securities

This subsection deals only with debt securities that are due to mature 30 years or less from the date on which they are issued and whose terms are described in this prospectus. This subsection does not deal with debt securities that, upon the occurrence of an applicable “trigger event,” will automatically be converted into common shares. The U.S. federal income tax consequences of owning such debt securities and debt securities whose terms are not described in this prospectus will be discussed in an applicable prospectus supplement. Unless otherwise indicated in the applicable prospectus supplement, we intend to treat the debt securities as indebtedness for U.S. federal income tax purposes, and the balance of this summary assumes the debt securities are treated as indebtedness for U.S. federal income tax purposes. However, the treatment of a debt security as indebtedness for U.S. federal income tax purposes depends on a number of factors, and if the debt securities are not properly treated as indebtedness for U.S. federal income tax purposes, the U.S. federal income tax treatment of investors in debt securities may be different than that described below.

Bail-inable Debt Securities

There is no authority that specifically addresses the U.S. federal income tax treatment of an instrument such as the bail-inable debt securities. While the bail-inable debt securities more likely than not should be treated as debt for U.S. federal income tax purposes, the IRS could assert an alternative tax treatment of the bail-inable debt securities for U.S. federal income tax purposes, for example, that the bail-inable debt securities should be considered as equity for U.S. federal income tax purposes. There can be no assurance that any alternative tax treatment, if successfully asserted by the IRS would not have adverse U.S. federal income tax consequences to a U.S. holder of the bail-inable debt securities. However, treatment of the bail-inable debt securities as equity for U.S. federal income tax purposes may not result in inclusions of income with respect to the bail-inable debt securities that are materially different than the U.S. federal income tax consequences if the bail-inable debt securities are treated as debt for U.S. federal income tax purposes.

If the bail-inable debt securities are characterized as debt for U.S. federal income tax purposes, the U.S. federal income tax consequences to a U.S. holder of the bail-inable debt securities would be as described above in “—Tax consequences to holders of our debt securities”.

If the bail-inable debt securities were characterized as equity for U.S. federal income tax purposes, the U.S. federal income tax consequences to a U.S. holder of the bail-inable debt securities would be as described above in “—Tax consequences to holders of our shares”. However, it is unclear whether interest payments on the bail-inable debt securities that are treated as dividends for U.S. federal income tax purposes would be treated as “qualified dividend income” for U.S. federal income tax purposes as described above in “—Tax consequences to holders of our shares—Taxation of Dividends”.

United States holders are urged to consult their tax advisors regarding the characterization of the bail-inable debt securities as debt or equity for U.S. federal income tax purposes.

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”) is treated as income from sources outside the United States subject to the rules regarding the U.S. foreign tax credit allowable to a U.S. holder. Under the U.S. foreign tax credit rules, interest and original issue discount and additional amounts will, depending on your circumstances, be treated as either “passive” or “general” income for purposes of computing the U.S. foreign tax credit.

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.

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 Internal Revenue Service (“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 $\frac{1}{4}$ of 1% 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 tax 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 prospectus 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 may 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 the date that you chose 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 any taxable year 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% 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
- your debt security satisfies certain other conditions.

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 multiplied by either:
 1. a fixed multiple that is greater than 0.65 but not more than 1.35, or
 2. a fixed multiple greater than 0.65 but not more than 1.35, increased or decreased by a fixed rate; and
- the value of the 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.

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 fixed throughout the term of the debt security or 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,
- 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, and
- the value of the 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 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 that is unconditionally payable at least annually, 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 U.S. 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 U.S. 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 U.S. 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, you may elect to treat the excess as amortizable bond premium. If you make this election, you will reduce the amount required to be included in your income each year with respect to interest on your debt security by the amount of amortizable bond premium allocable to that year, based on your debt security's yield to maturity. 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% of your debt security's stated redemption price at maturity or revised issue price, respectively, 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 debt security prior to your acquisition of the debt security 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% 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 applied to reduce interest 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 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,”
- attributable to accrued but unpaid interest,
- the rules governing contingent payment obligations apply, or
- attributable to changes in exchange rates as described below.

Capital gain of a noncorporate U.S. 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 U.S. 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, Contingent Payment Debt Securities, Convertible Debt Securities

An applicable prospectus supplement will discuss any special U.S. federal income tax rules with respect to debt securities the payments on which are determined by reference to any index, a financial or economic measure or pursuant to a formula, debt securities that are exchangeable at our option or the option of the holder into debt securities of an issuer other than the Bank or into other property, debt securities that are subject to the rules governing contingent payment obligations which are not subject to the rules governing variable rate debt securities and debt securities that, upon the occurrence of an applicable “trigger event,” will automatically be converted into common shares.

Treasury Regulations Requiring Disclosure of Reportable Transactions

Treasury regulations require U.S. taxpayers to report certain transactions that give rise to a loss in excess of certain thresholds (a “Reportable Transaction”). Under these Treasury regulations, if the debt securities are denominated in a foreign currency, a U.S. 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 Treasury regulations. For individuals and trusts, this loss threshold is US\$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

Information with Respect to Foreign Financial Assets

Certain holders that own “specified foreign financial assets” with an aggregate value in excess of US\$50,000 on the last day of the taxable year (or an aggregate value in excess of US\$75,000 at any time during the taxable year) will generally be required to file an information report with respect to such assets with their tax returns. “Specified foreign financial assets” include any financial accounts maintained by foreign financial institutions, as well as any of the following, but only if they are not held in accounts maintained by financial institutions: (i) stock or securities issued by non-U.S. persons, (ii) financial instruments and contracts held for investment that have non-U.S. issuers or counterparties, and (iii) interests in foreign entities. The securities may be subject to these rules. U.S. holders that are individuals are urged to consult their tax advisors regarding the application of this legislation to their ownership of the securities.

Medicare Tax

U.S. holders that are individuals or estates and certain trusts are subject to a 3.8% tax on all or a portion of their “net investment income,” or “undistributed net investment income” in the case of an estate or trust, which

may include any income or gain with respect to debt securities, to the extent of their net investment income or undistributed net investment income (as the case may be) that, when added to their other modified adjusted gross income, exceeds US\$200,000 for an unmarried individual, US\$250,000 for a married taxpayer filing a joint return (or a surviving spouse), US\$125,000 for a married individual filing a separate return, or the dollar amount at which the highest tax bracket begins for an estate or trust. The 3.8% Medicare tax is determined in a different manner than the regular income tax. U.S. holders should consult their advisors with respect to the 3.8% Medicare tax.

Backup Withholding and Information Reporting

If you are a noncorporate U.S. holder, information reporting requirements, on IRS Form 1099, generally will apply to:

- dividend payments or payments of principal and interest on a security or other taxable distributions made to you within the United States, including payments made by wire transfer from outside the United States to an account you maintain in the United States, and
- the payment of the proceeds from the sale of a security effected at a U.S. office of a broker

Additionally, backup withholding will apply to such payments if you are a noncorporate U.S. holder that:

- fails to provide an accurate taxpayer identification number,
- is notified by the IRS that you have failed to report all interest and dividends required to be shown on your federal income tax returns, or
- in certain circumstances, fails to comply with applicable certification requirements.

Payment of the proceeds from the sale of a security effected at a foreign office of a broker generally will not be subject to information reporting or backup withholding. However, a sale of a security that is effected at a foreign office of a broker will generally be subject to information reporting and backup withholding if:

- the proceeds are transferred to an account maintained by you in the United States,
- the payment of proceeds or the confirmation of the sale is mailed to you at a U.S. address, or
- the sale has some other specified connection with the United States as provided in U.S. Treasury regulations.

In addition, a sale of a security effected at a foreign office of a broker will generally be subject to information reporting if the broker is:

- a U.S. person,
- a controlled foreign corporation for U.S. federal income tax purposes,
- a foreign person 50% or more of whose gross income is effectively connected with the conduct of a U.S. trade or business for a specified three-year period, or
- a foreign partnership, if at any time during its tax year:
 - one or more of its partners are “U.S. persons,” as defined in Treasury regulations, who in the aggregate hold more than 50% of the income or capital interest in the partnership, or
 - such foreign partnership is engaged in the conduct of a U.S. trade or business.

Backup withholding will apply if the sale is subject to information reporting and the broker has actual knowledge that you are a U.S. person.

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.

Foreign Account Tax Compliance Act Withholding

Sections 1471 through 1474 of the Code (which are commonly referred to as “FATCA”) generally impose a 30% withholding tax on certain payments, including “pass-thru” payments to certain persons if the payments are attributable to assets that give rise to U.S.-source income or gain. Pursuant to Treasury regulations, this withholding tax would not be imposed on payments made pursuant to obligations that are executed on or before the date that is six months after the date on which final Treasury regulations defining “foreign passthru payments” (a term not yet defined) are published and are not materially modified thereafter. FATCA withholding generally is not expected to be required on the securities, and pursuant to proposed regulations, any FATCA withholding on “foreign passthru payments” would begin no earlier than the date that is two years after the date on which final Treasury regulations defining “foreign passthru payments” are published. FATCA is complex and significant aspects of the application of FATCA are not currently clear. You should consult your own tax advisers about the application of FATCA, in particular if you may be classified as a financial institution under the FATCA rules.

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, as beneficial owner, securities pursuant to this prospectus, or shares of the Bank or an affiliate of the Bank on a bail-in conversion (“Bail-in Shares”), and who, at all relevant times, for purposes of the application of the *Income Tax Act* (Canada) (the “Tax Act”), (i) is not, and is not deemed to be, resident in Canada; (ii) deals at arm’s-length with us, any issuer of Bail-in Shares, and with any transferee resident or deemed to be resident in Canada to whom the purchaser disposes of debt securities; (iii) is not affiliated with us; (iv) 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; (v) is entitled to receive all payments on securities as beneficial owner (vi) does not use or hold the securities in a business carried on in Canada; and (vii) where the relevant securities are debt securities, is not a “specified shareholder” of the Bank and is not a person who does not deal at arm’s-length with a specified shareholder of the Bank for purposes of subsection 18(5) of the Tax Act (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 the regulations thereunder 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 and the regulations thereunder publicly announced by or on behalf of the Minister 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 exhaustive of all Canadian federal income tax considerations. It is not intended to be legal or tax advice to any particular purchaser, or 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. The Canadian federal income tax considerations may be supplemented, amended and/or replaced in a supplement to this prospectus, based on the terms and conditions of the securities issued pursuant to such supplement. Accordingly, prospective purchasers of securities should consult their own tax advisors having regard to their own particular circumstances, and in any event where securities are otherwise issued without disclosure of Canadian federal income tax considerations.

Currency Conversion

Generally, for purposes of the Tax Act, all amounts relating to the acquisition, holding or disposition of the securities not denominated in Canadian dollars 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 relevant 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 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 (i) 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 (ii) more than 50% of the fair market value of the shares was derived directly or indirectly from one or any combination of: (a) real or immovable properties situated in Canada, (b) “Canadian resource properties” (as defined in the Tax Act), (c) “timber resource properties” (as defined in the Tax Act), and (d) 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 for purposes of the Act to be paid or credited on a debt security (including any amount paid at maturity in excess of the principal amount and interest deemed to be paid on the debt security in certain cases involving the assignment, deemed assignment or other transfer of a debt security to the Bank or any other resident or deemed resident of Canada) 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 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 any 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 where no amount payable in respect of such obligation, 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 definition of Participating Debt Interest. If any interest paid or credited or deemed to be paid or credited on a debt security is to be Participating Debt Interest, the Canadian non-resident withholding tax implications of the issuance of such debt securities will be described particularly in the relevant prospectus supplement or pricing supplement for such debt securities.

No other Canadian federal taxes on income or gains will be payable by a Holder on interest or principal, or on proceeds received by a Holder on the disposition of a debt security, including on a redemption, payment on maturity, repurchase or purchase of cancellation.

EMPLOYEE RETIREMENT INCOME SECURITY ACT

A fiduciary of a pension, profit-sharing or other employee benefit plan subject to Title I of the United States Employee Retirement Income Security Act of 1974, as amended (“ERISA”) or a plan or account subject to Section 4975 of the Code (such as individual retirement accounts and Keogh plans) or any entity deemed to hold “plan assets” of the foregoing (collectively, “Benefit Plans”) should consider the fiduciary standards of ERISA and the prohibited transaction provisions of ERISA or the Code, as applicable, in the context of the Benefit Plan’s particular circumstances before authorizing an investment in the securities. Accordingly, among other factors, the fiduciary of a Benefit Plan subject to ERISA 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 Benefit Plan.

Section 406 of ERISA and Section 4975 of the Code prohibit Benefit Plans from engaging in certain transactions involving “plan assets” with persons who are “parties in interest” under ERISA or “disqualified persons” under the Code (“parties in interest”) with respect to the Benefit Plan. A party in interest who engages in a prohibited transaction may be subject to excise taxes and other penalties and liabilities under ERISA and the Code, 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 foreign plans (as described in Section 4(b)(4) of ERISA) (“non-ERISA arrangements”) are not subject to the requirements of Title I 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 of the securities by a Benefit Plan with respect to which the Bank or certain of our affiliates is or becomes a party in interest may constitute or result in a prohibited transaction under ERISA or Section 4975 of the Code, unless those securities are acquired pursuant to and in accordance with an applicable exemption. Section 408(b)(17) of ERISA and Section 4975(d)(20) of the Code (the “service provider exemption”) may provide an exemption for the purchase, holding and sale of the securities offered hereby. Moreover, the United States Department of Labor has issued five prohibited transaction class exemptions, or “PTCEs,” that may provide exemptive relief from prohibited transactions that may arise from the purchase or holding of the securities. These exemptions are:

- 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.

However, the applicability of each exemption depends on satisfaction of certain conditions, which may include the identity of the plan fiduciary making the decision to acquire or hold the securities on behalf of a Benefit Plan, and there can be no assurance that any of these exemptions or any other exemption will be available with respect to any particular transaction involving the securities.

The securities may not be purchased or held by any Benefit Plan or anyone acting on behalf of a Benefit Plan, unless in each case the purchaser or holder is eligible for the exemptive relief under one or more of the PTCEs listed above, the service provider exemption or another applicable similar exemption. Any purchaser or holder of the securities or any interest in the securities will be deemed to have represented by its acquisition and holding of the securities that it either (i) is not a Benefit Plan and is not purchasing those securities on behalf of or with “plan assets” of any Benefit Plan or (ii) the acquisition, holding or disposition of the securities does not

constitute a non-exempt prohibited transaction under ERISA or Section 4975 of the Code, because the conditions for relief under an applicable statutory, class or individual prohibited transaction exemption are satisfied. In addition, any purchaser or holder of the securities or any interest in the securities which is a non-ERISA arrangement will be deemed to have represented by its acquisition and holding of the securities that its acquisition, holding and disposition will not violate the provisions of any similar law.

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 assets of any plan, plan asset entity or non-ERISA arrangement consult with their counsel regarding the availability of exemptive relief and the potential consequences of purchasing or holding the securities under ERISA, the Code, or any similar laws, as applicable.

If you are a Benefit Plan or plan subject to similar laws, and propose to invest in the securities, you should consult your legal counsel.

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 prospectus 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 utilized 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 prospectus supplements for such securities. If we grant any over-allotment option, the terms of the option will be set forth in the applicable prospectus 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.

Underwriters, dealers and agents and their affiliates or associates, may engage in transactions with us or perform services for us in the ordinary course of business and receive compensation from us.

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 “BNS”. 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 utilized 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.

Under Rule 15c6-1 of the Exchange Act, trades in the secondary market generally are required to settle in two business days, unless the parties to any such trade expressly agree otherwise. The prospectus supplement may provide that the original issue date for a series of securities may be more than two scheduled business days after the trade date for the securities. Accordingly, in such a case, parties who wish to trade the securities on any date prior to the second business day before the original issue date for the securities, will be required, by virtue of the fact that the securities initially are expected to settle in more than two scheduled business days after the trade date for the securities, to make alternative settlement arrangements to prevent a failed settlement.

Selling Restrictions Outside the United States

Except as described in an applicable prospectus 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 and agent 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 prospectus supplement.

Conflicts of Interest

Our affiliates, Scotia Capital Inc. (for distributions in Canada) and Scotia Capital (USA) Inc. (for distributions in the United States), may participate in the distribution of the securities as an underwriter, dealer or agent. Scotia Capital (USA) Inc., a wholly owned subsidiary of Scotia Capital Inc., is a securities broker-dealer registered with the SEC under the Exchange Act and is a member of the Financial Industry Regulatory Authority, Inc. (“FINRA”). Scotia Capital Inc. is a Canadian investment dealer (not registered in the United States). Any offering of securities in which Scotia Capital (USA) Inc. participates will be conducted in compliance with the

applicable requirements of FINRA Rule 5121. Scotia Capital (USA) Inc. 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 issued pursuant to this prospectus in the same series that have equal rights and obligations as investment grade rated securities unless either (1) each FINRA member firm primarily 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 Scotia Capital (USA) Inc. nor any other FINRA member participating in an offering of these securities issued pursuant to this prospectus 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 Scotia Capital Inc. (for market-making in Canada), Scotia Capital (USA) Inc. (for market-making in the United States) or one or more of our affiliates in connection with offers and sales of the securities in market-making transactions. In a market-making transaction, Scotia Capital Inc., Scotia Capital (USA) Inc. or one of our affiliates may resell a security it acquires from other holders, after the original offering and sale of such 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, Scotia Capital Inc., Scotia Capital (USA) Inc. or one of our affiliates may act as principal or agent, including as agent for the counterparty in a transaction in which Scotia Capital Inc., Scotia Capital (USA) Inc. or one of our affiliates, as applicable, acts as principal, or as agent for both counterparties in a transaction in which Scotia Capital Inc., Scotia Capital (USA) Inc. or such affiliate, as applicable, does not act as principal. Scotia Capital Inc., Scotia Capital (USA) Inc. or one of our affiliates 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 Scotia Capital Inc., Scotia Capital (USA) Inc. 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 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 affect 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.

LEGAL MATTERS

The validity of the debt securities will be passed upon by Osler, Hoskin & Harcourt LLP, Toronto, Ontario, as to matters of Canadian law and applicable matters of Ontario law, and by Shearman & Sterling LLP, Toronto, Ontario, as to matters of New York law. The validity of certain of the senior debt securities will be passed upon by Cadwalader, Wickersham & Taft LLP, New York, New York, special products counsel to the Bank, as to matters of New York law. Certain Canadian federal income tax matters will be passed upon for us by Osler, Hoskin & Harcourt LLP, Toronto, Ontario. Certain U.S. federal income tax matters will be passed upon for us by Shearman & Sterling LLP, Toronto, Ontario. Certain U.S. federal income tax matters regarding certain of the senior debt securities will be passed upon for us by Cadwalader, Wickersham & Taft LLP, New York, New York.

EXPERTS

KPMG LLP, Chartered Professional Accountants, Toronto, Ontario, is the external auditor who prepared the Independent Auditors' Report of Registered Public Accounting Firm with respect to the consolidated statements of financial position of the Bank as at October 31, 2018 and October 31, 2017 and the consolidated statements of income, comprehensive income, changes in equity and cash flows for each of the years in the three-year period ended October 31, 2018 and notes, comprising a summary of significant accounting policies and other explanatory information, and who prepared the Report of Independent Registered Public Accounting Firm on the Bank's internal control over financial reporting as of October 31, 2018. These financial statements and management's assessment of the effectiveness of the internal control over financial reporting as of October 31, 2018 have been so incorporated by reference herein in reliance on their reports given on their authority as experts in auditing and accounting. The audit report covering the October 31, 2018, consolidated financial statements refers to a change in the accounting for financial instruments due to the adoption of International Financial Reporting Standard 9 Financial Instruments. KPMG LLP is independent with respect to the Bank within the meaning of the relevant rules and related interpretations prescribed by the relevant professional bodies in Canada and any applicable legislation or regulation. Further, KPMG LLP is an independent accountant with respect to the Bank under all relevant U.S. professional and regulatory standards.

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 prospectus supplements.

Registration statement filing fee	US\$4,180,480
Trustees' fees and expenses	US\$ 10,000
Legal fees and expenses	US\$ 327,000
Accounting fees and expenses	US\$ 40,000
Printing costs	US\$ 12,000
Miscellaneous	<u>US\$ 35,000</u>
Total	US\$4,604,480



The Bank of Nova Scotia
Senior Notes Program, Series A
Senior Notes Program, Series B

December 26, 2018