

BANK OF NOVA SCOTIA

Form 424B2

October 01, 2018

Filed Pursuant to Rule 424(b)(2)  
Registration Statement No. 333-215597  
(To Prospectus dated February 1, 2017,  
Prospectus Supplement dated February 13, 2017, the  
Prospectus Addendum dated January 9, 2018 and  
Product Prospectus Supplement EQUITY INDICES  
ARN-1 dated February 23, 2017)

2,814,005 Units

~~2,814,005~~  
Date  
September 27, 2018  
p Settlement  
October 4, 2018  
and Payment  
November 29, 2019  
p Maturity

u Date

CUSIP

No.

06417P504

Accelerated Return  
Notes<sup>®</sup> Linked to the  
Russell 2000<sup>®</sup> Index

§ Maturity of  
approximately 14  
months

§ 3-to-1 upside  
exposure to increases  
in the Index, subject to  
a capped return  
of 12.12%

§ 1-to-1 downside  
exposure to decreases  
in the Index, with up to  
100% of your  
investment at risk

§ All payments occur  
at maturity and are  
subject to the credit  
risk of The Bank of  
Nova Scotia

§ No periodic interest payments

§ In addition to the underwriting discount set forth below, the notes include a hedging-related charge of \$0.075 per unit. See "Structuring the Notes"

§ Limited secondary market liquidity, with no exchange listing

§ The notes are unsecured debt securities and are not savings accounts or insured deposits of a bank. The notes are not insured or guaranteed by the Canada Deposit Insurance Corporation (the "CDIC"), the U.S. Federal Deposit Insurance Corporation (the "FDIC"), or any other governmental agency of Canada, the United States or any other jurisdiction

The notes are being issued by The Bank of Nova Scotia ("BNS"). There are important differences between the notes and a conventional debt security, including different investment risks and certain additional costs. See "Risk Factors" and "Additional Risk Factors" beginning on page TS-7 of this term sheet and "Risk Factors" beginning on page PS-6 of product prospectus supplement EQUITY INDICES ARN-1.

The initial estimated value of the notes as of the pricing date is \$9.70 per unit, which is less than the public offering price listed below. See "Summary" on the following page, "Risk Factors" beginning on page TS-7 of this term sheet and "Structuring the Notes" on page TS-14 of this term sheet for additional information. The actual value of your notes at any time will reflect many factors and cannot be predicted with accuracy.

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None of the U.S. Securities and Exchange Commission (the "SEC"), any state securities commission, or any other regulatory body has approved or disapproved of these securities or determined if this Note Prospectus (as defined below) is truthful or complete. Any representation to the contrary is a criminal offense.

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	<u>Per Unit</u>	<u>Total</u>
Public offering price	\$10.00	\$28,142,050
Underwriting discount	\$ 0.20	\$562,841
Proceeds, before expenses, to BNS	\$ 9.80	\$27,579,209

The notes:

Are Not FDIC Insured    Are Not Bank Guaranteed    May Lose  
Value

Merrill Lynch & Co.  
September 27, 2018

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Accelerated Return Notes®

Linked to the Russell 2000® Index, due November 29, 2019

Summary

The Accelerated Return Notes® Linked to the Russell 2000® Index, due November 29, 2019 (the “notes”) are our senior unsecured debt securities. The notes are not guaranteed or insured by the CDIC or the FDIC, and are not, either directly or indirectly, an obligation of any third party. The notes will rank equally with all of our other unsecured senior debt. Any payments due on the notes, including any repayment of principal, will be subject to the credit risk of BNS. The notes provide you a leveraged return, subject to a cap, if the Ending Value of the Market Measure, which is the Russell 2000® Index (the “Index”), is greater than the Starting Value. If the Ending Value is equal to the Starting Value, you will receive the principal amount of your notes. If the Ending Value is less than the Starting Value, you will lose all or a portion of the principal amount of your notes. Any payments on the notes will be calculated based on the \$10 principal amount per unit and will depend on the performance of the Index, subject to our credit risk. See “Terms of the Notes” below.

The economic terms of the notes (including the Capped Value) are based on our internal funding rate, which is the rate we would pay to borrow funds through the issuance of market-linked notes, and the economic terms of certain related hedging arrangements. Our internal funding rate is typically lower than the rate we would pay when we issue conventional fixed rate debt securities. This difference in funding rate, as well as the underwriting discount and the hedging related charge described below, reduced the economic terms of the notes to you and the initial estimated value of the notes on the pricing date. Due to these factors, the public offering price you pay to purchase the notes is greater than the initial estimated value of the notes.

On the cover page of this term sheet, we have provided the initial estimated value for the notes. This estimated value was determined by reference to our internal pricing models, which take into consideration certain factors, such as our internal funding rate on the pricing date and our assumptions about market parameters. For more information about the initial estimated value and the structuring of the notes, see “Structuring the Notes” on page TS-14.

Terms of the Notes

Redemption Amount Determination

On the maturity date, you will receive a cash payment per unit determined as follows:

Issuer: The Bank of Nova Scotia ("BNS ")

Principal Amount: \$10.00 per unit

Term: Approximately 14 months

Market Measure: The Russell 2000® Index (Bloomberg symbol: "RTY Index"), a price return index

Starting Value: 1,690.526

Ending Value: The average of the closing levels of the Market Measure on each calculation day occurring during the Maturity Valuation Period. The scheduled calculation days are subject to postponement in the event of Market Disruption Events, as described beginning on page PS-18 of product prospectus supplement EQUITY INDICES ARN-1.

Participation Rate: 300%

Capped Value: \$11.212 per unit, which represents a return of 12.12% over the principal amount.

Maturity Valuation Period: November 19, 2019, November 20, 2019, November 21, 2019, November 22, 2019 and November 25, 2019

Fees and Charges: The underwriting discount of \$0.20 per unit listed on the cover page and the hedging related charge of \$0.075 per unit described in "Structuring the

Notes" on page TS-14.

Calculation  
Agent:

Merrill Lynch, Pierce, Fenner & Smith Incorporated ("MLPF&S").

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Accelerated Return Notes®

Linked to the Russell 2000® Index, due November 29, 2019

The terms and risks of the notes are contained in this term sheet and in the following:

Product prospectus supplement EQUITY INDICES ARN-1 dated February 23, 2017:

[https://www.sec.gov/Archives/edgar/data/9631/000110465917011115/a17-4372\\_2424b5.htm](https://www.sec.gov/Archives/edgar/data/9631/000110465917011115/a17-4372_2424b5.htm)

Prospectus addendum dated January 9, 2018:

<https://www.sec.gov/Archives/edgar/data/9631/000091412118000045/bn20180108-424b3.htm>

Prospectus supplement dated February 13, 2017:

[https://www.sec.gov/Archives/edgar/data/9631/000110465917008642/a17-4372\\_1424b3.htm](https://www.sec.gov/Archives/edgar/data/9631/000110465917008642/a17-4372_1424b3.htm)

Prospectus dated February 1, 2017:

<https://www.sec.gov/Archives/edgar/data/9631/000119312517027656/d338678d424b3.htm>

These documents (together, the "Note Prospectus") have been filed as part of a registration statement with the SEC, which may, without cost, be accessed on the SEC website as indicated above or obtained from MLPF&S by calling 1-800-294-1322. Before you invest, you should read the Note Prospectus, including this term sheet, for information about us and this offering. Any prior or contemporaneous oral statements and any other written materials you may have received are superseded by the Note Prospectus. Capitalized terms used but not defined in this term sheet have the meanings set forth in product prospectus supplement EQUITY INDICES ARN-1. Unless otherwise indicated or unless the context requires otherwise, all references in this document to "we," "us," "our," or similar references are to BNS.

#### Investor Considerations

You may wish to consider an investment in the notes if:

You anticipate that the Index will increase moderately from the Starting Value to the Ending Value.

You are willing to risk a substantial or entire loss of principal if the Index decreases from the Starting Value to the Ending Value.

You accept that the return on the notes will be capped.

You are willing to forgo the interest payments that are paid on conventional interest bearing debt securities.

You are willing to forgo dividends or other benefits of owning the stocks included in the Index.

You are willing to accept a limited or no market for sales prior to maturity, and understand that the market prices for the notes, if any, will be affected by various factors, including our actual and perceived creditworthiness, our internal funding rate and fees and charges on the notes.

You are willing to assume our credit risk, as issuer of the notes, for all payments under the notes, including the Redemption Amount.

The notes may not be an appropriate investment for you if:

You believe that the Index will decrease from the Starting Value to the Ending Value or that it will not increase sufficiently over the term of the notes to provide you with your desired return.

You seek principal repayment or preservation of capital.

You seek an uncapped return on your investment.

You seek interest payments or other current income on your investment.

You want to receive dividends or other distributions paid on the stocks included in the Index.

You seek an investment for which there will be a liquid secondary market.

You are unwilling or are unable to take market risk on the notes or to take our credit risk as issuer of the notes.

We urge you to consult your investment, legal, tax, accounting, and other advisors before you invest in the notes.

Accelerated Return Notes<sup>®</sup>

Linked to the Russell 2000<sup>®</sup> Index, due November 29, 2019

Hypothetical Payout Profile and Examples of Payments at Maturity

Accelerated Return Notes<sup>®</sup> This graph reflects the returns on the notes based on the Participation Rate of 300% and the Capped Value of \$11.212 per unit. The green line reflects the returns on the notes, while the dotted gray line reflects the returns of a direct investment in the stocks included in the Index, excluding dividends.

This graph has been prepared for purposes of illustration only.

The following table and examples are for purposes of illustration only. They are based on hypothetical values and show hypothetical returns on the notes. They illustrate the calculation of the Redemption Amount and total rate of return based on a hypothetical Starting Value of 100, the Participation Rate of 300%, the Capped Value of \$11.212 per unit and a range of hypothetical Ending Values. The actual amount you receive and the resulting total rate of return will depend on the actual Starting Value, Ending Value and whether you hold the notes to maturity. The following examples do not take into account any tax consequences from investing in the notes.

For recent actual levels of the Market Measure, see “The Index” section below. The Index is a price return index and as such the Ending Value will not include any income generated by dividends paid on the stocks included in the Index, which you would otherwise be entitled to receive if you invested in those stocks directly. In addition, all payments on the notes are subject to issuer credit risk.

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## Accelerated Return Notes®

Linked to the Russell 2000® Index, due November 29, 2019

Ending Value	Percentage Change from the Starting Value to the Ending Value	Redemption Amount per Unit	Total Rate of Return on the Notes
0.00	-100.00%	\$0.000	-100.00%
50.00	-50.00%	\$5.000	-50.00%
80.00	-20.00%	\$8.000	-20.00%
90.00	-10.00%	\$9.000	-10.00%
94.00	-6.00%	\$9.400	-6.00%
97.00	-3.00%	\$9.700	-3.00%
100.00 <sup>(1)</sup>	0.00%	\$10.000	0.00%
102.00	2.00%	\$10.600	6.00%
104.04	4.04%	\$11.212 <sup>(2)</sup>	12.12%
110.00	10.00%	\$11.212	12.12%
120.00	20.00%	\$11.212	12.12%
130.00	30.00%	\$11.212	12.12%
140.00	40.00%	\$11.212	12.12%
150.00	50.00%	\$11.212	12.12%
160.00	60.00%	\$11.212	12.12%

(1) The hypothetical Starting Value of 100 used in these examples has been chosen for illustrative purposes only. The actual Starting Value is 1,690.526, which was the closing level of the Market Measure on the pricing date.

(2) The Redemption Amount per unit cannot exceed the Capped Value.

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Linked to the Russell 2000<sup>®</sup> Index, due November 29, 2019

Redemption Amount Calculation Examples

Example 1

The Ending Value is 80.00, or 80.00% of the Starting Value:

Starting Value: 100.00

Ending Value: 80.00

= \$8.00 Redemption Amount per unit

Example 2

The Ending Value is 102.00, or 102.00% of the Starting Value:

Starting Value: 100.00

Ending Value: 102.00

= \$10.60 Redemption Amount per unit

Example 3

The Ending Value is 130.00, or 130.00% of the Starting Value:

Starting Value:

100.00

Ending Value:

130.00

= \$19.00, however, because the Redemption Amount for the notes cannot exceed the Capped Value, the Redemption Amount will be \$11.212 per unit

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Accelerated Return Notes<sup>®</sup>

Linked to the Russell 2000<sup>®</sup> Index, due November 29, 2019

Risk Factors

There are important differences between the notes and a conventional debt security. An investment in the notes involves significant risks, including those listed below. You should carefully review the more detailed explanation of risks relating to the notes in the “Risk Factors” sections beginning on page PS-6 of product prospectus supplement EQUITY INDICES ARN-1, page S-2 of the prospectus supplement, and page 6 of the prospectus identified above. We also urge you to consult your investment, legal, tax, accounting, and other advisors before you invest in the notes. Depending on the performance of the Index as measured shortly before the maturity date, your investment may result in a loss; there is no guaranteed return of principal.

Your return on the notes may be less than the yield you could earn by owning a conventional fixed or floating rate debt security of comparable maturity.

Your investment return is limited to the return represented by the Capped Value and may be less than a comparable investment directly in the stocks included in the Index.

Payments on the notes are subject to our credit risk, and actual or perceived changes in our creditworthiness are expected to affect the value of the notes. If we become insolvent or are unable to pay our obligations, you may lose your entire investment.

Our initial estimated value of the notes is lower than the public offering price of the notes. Our initial estimated value of the notes is only an estimate. The public offering price of the notes exceeds our initial estimated value because it includes costs associated with selling and structuring the notes, as well as hedging our obligations under the notes with a third party, which may include MLPF&S or one of its affiliates. These costs include the underwriting discount and an expected hedging related charge, as further described in “Structuring the Notes” on page TS-14.

Our initial estimated value of the notes does not represent future values of the notes and may differ from others’ estimates. Our initial estimated value of the notes is determined by reference to our internal pricing models when the terms of the notes are set. These pricing models consider certain factors, such as our internal funding rate on the pricing date, the expected term of the notes, market conditions and other relevant factors existing at that time, and our assumptions about market parameters, which can include volatility, dividend rates, interest rates and other factors. Different pricing models and assumptions could provide valuations for the notes that are different from our initial estimated value. In addition, market conditions and other relevant factors in the future may change, and any of our assumptions may prove to be incorrect. On future dates, the market value of the notes could change significantly based on, among other things, the performance of the Index, changes in market conditions, our creditworthiness, interest rate movements and other relevant factors. These factors, together with various credit, market and economic factors over the term of the notes, are expected to reduce the price at which you may be able to sell the notes in any secondary market and will affect the value of the notes in complex and unpredictable ways. Our initial estimated value does not represent a minimum price at which we or any agents would be willing to buy your notes in any secondary market (if any exists) at any time.

Our initial estimated value is not determined by reference to credit spreads or the borrowing rate we would pay for our conventional fixed-rate debt securities. The internal funding rate used in the determination of our initial estimated value of the notes generally represents a discount from the credit spreads for our conventional fixed-rate debt securities and the borrowing rate we would pay for our conventional fixed-rate debt securities. If we were to use the interest rate implied by the credit spreads for our conventional fixed-rate debt securities, or the borrowing rate we would pay for our conventional fixed-rate debt securities, we would expect the economic terms of the notes to be more favorable to you. Consequently, our use of an internal funding rate for the notes would have an adverse effect on the economic terms of the notes, the initial estimated value of the notes on the pricing date, and the price at which you may be able to sell the notes in any secondary market.

A trading market is not expected to develop for the notes. Neither we nor MLPF&S is obligated to make a market for, or to repurchase, the notes. There is no assurance that any party will be willing to purchase your notes at any price in any secondary market.

Our business, hedging and trading activities, and those of MLPF&S and our respective affiliates (including trades in shares of companies included in the Index), and any hedging and trading activities we, MLPF&S or our respective affiliates engage in for our clients’ accounts, may affect the market value and return of the notes and

may create conflicts of interest with you.

The Index sponsor may adjust the Index in a way that may adversely affect its level and your interests, and the Index sponsor has no obligation to consider your interests.

You will have no rights of a holder of the securities included in the Index, and you will not be entitled to receive securities or dividends or other distributions by the issuers of those securities.

While we, MLPF&S or our respective affiliates may from time to time own securities of companies included in the Index, we, MLPF&S and our respective affiliates do not control any company included in the Index, and have not verified any disclosure made by any other company.

There may be potential conflicts of interest involving the calculation agent, which is MLPF&S. We have the right to appoint and remove the calculation agent.

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The U.S. federal income tax consequences of the notes are uncertain, and may be adverse to a holder of the notes. See “Summary of U.S. Federal Income Tax Consequences” below.

The 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” 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 the Redemption Amount. 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 discussion of the Canadian federal income tax consequences of investing in the notes, see “Summary of Canadian Federal Income Tax Consequences” below, “Canadian Taxation—Debt Securities” on page 50 of the prospectus dated February 1, 2017, and “Supplemental Discussion of Canadian Federal Income Tax Consequences” on page PS-26 of product prospectus supplement EQUITY INDICES ARN-1.

Additional Risk Factors

The notes are subject to risks associated with small-size capitalization companies.

The stocks composing the Index are issued by companies with small-sized market capitalization. The stock prices of small-size companies may be more volatile than stock prices of large capitalization companies. Small-size capitalization companies may be less able to withstand adverse economic, market, trade and competitive conditions relative to larger companies. Small-size capitalization companies may also be more susceptible to adverse developments related to their products or services.

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Linked to the Russell 2000<sup>®</sup> Index, due November 29, 2019

The Index

All disclosures contained in this term sheet regarding the Index, including, without limitation, its make-up, method of calculation, and changes in its components, have been derived from publicly available sources. The Index was developed by Russell Investments (“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 (the “Index sponsor”). The Index sponsor, which licenses the copyright and all other rights to the Index, has no obligation to continue to publish, and may discontinue publication of, the Index. The consequences of the Index sponsor discontinuing publication of the Index are discussed in the section entitled “Description of ARNs—Discontinuance of an Index” beginning on page PS-20 of product prospectus supplement EQUITY INDICES ARN-1. None of us, the calculation agent, or MLPF&S accepts any responsibility for the calculation, maintenance or publication of the Index or any successor index.

General

The Index measures the composite price performance of stocks of 2,000 companies in the U.S. equity market. As of August 31, 2018, the top five Russell Global Sectors were Financial Services, Health Care, Consumer Discretionary, Producer Durables and Technology. (Sector designations are determined by the Index 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 Index includes approximately 2,000 of the smallest securities that form the Russell 3000<sup>®</sup> Index. The Russell 3000<sup>®</sup> Index is comprised of the 3,000 largest companies, or 98% based on market capitalization, of the investable U.S. equity market. The Index is designed to track the performance of the small capitalization segment of the U.S. equity market.

Selection of Constituent Stocks of the Index

The Index is a sub-index of the Russell 3000<sup>®</sup> Index. To be eligible for inclusion in the Russell 3000<sup>®</sup> Index, and, consequently, the Index, a company’s stocks must be listed on the last trading day of May of a given year and FTSE Russell must have access to documentation verifying the company’s eligibility for inclusion. Eligible initial public offerings are added to Russell U.S. Indices at the end of each calendar quarter, 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, initial public offerings must meet additional eligibility criteria.

A company is included in the U.S. equity markets and is eligible for inclusion in the Russell 3000<sup>®</sup> Index, and consequently, the Index, if that company incorporates in, has its headquarters in and also trades with the highest liquidity (as defined by a two-year average daily dollar trading volume from all exchanges) in the United States or its territories. If a company satisfies any one of these criteria 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, that company will also be considered part of the U.S. equity market. 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 certain “benefit-driven incorporation countries,” or “BDIs,” and that company’s most liquid stock exchange is also 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, Curacao, Faroe Islands, Gibraltar, Guernsey, Isle of Man, Jersey, Liberia, Marshall Islands, Panama, Saba, Sint Eustatius, Sint Maarten and Turks and Caicos Islands. ADRs and ADSs are not eligible for inclusion in the Index.

Exclusions from the Index

FTSE Russell specifically excludes the following companies and securities from the Index: (i) preferred and convertible preferred stock, redeemable shares, participating preferred stock, warrants, rights, 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 float); (v) bulletin board, pink sheets or over-the-counter traded securities; (vi) companies 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) exchange traded funds and mutual funds.

#### Initial List of Eligible Securities

The primary criterion FTSE Russell uses to determine the initial list of securities eligible for the Russell 3000® Index and consequently, the Index, is total market capitalization, which is calculated by multiplying the total outstanding shares for a company times the market price as of the “rank day” (typically the last trading day in May but a confirmed timetable is announced each spring) in May. All common stock share classes are combined in determining market capitalization. If multiple share classes have been combined, the pricing vehicle will be designated as the share class with the highest two-year trading volume as of the rank day in May. 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 on the last trading day of May of each year to be eligible for inclusion in the Index. In order to reduce unnecessary turnover, if an existing member’s closing price is less than \$1.00 on the last

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Linked to the Russell 2000<sup>®</sup> Index, due November 29, 2019

trading day of May, it will be considered eligible if the average of the daily closing prices from their primary exchange during the month of May is equal to or greater than \$1.00.

Annual Reconstitution

The Index is reconstituted annually by FTSE Russell to reflect changes in the marketplace. The list of companies is ranked based on total market capitalization on the rank day in May, with the actual reconstitution effective on the first trading day following the final Friday of June each year, unless the final Friday in June is the 29th or 30th, in which case reconstitution will be effective on the preceding Friday. Changes in the constituents are preannounced and subject to change if any corporate activity occurs or if any new information is received prior to release.

Index Calculation and Capitalization Adjustments

As a capitalization-weighted index, the Index reflects changes in the capitalization, or market value, of the underlier stocks relative to the capitalization on a base date. This discussion describes the “price return” calculation of the Index. The current Index value is the compounded result of the cumulative daily (or monthly) return percentages, where the starting value of the Index 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 ( $IV_1$ ) by the beginning period ( $IV_0$ ) index value, so that the return equals  $[(IV_1 / IV_0) - 1] * 100$ . The ending period index value, for purposes of calculating the Index value, on any date is determined by adding the market values of the underlier stocks, which are derived by multiplying the primary closing price of each stock by the number of available shares, to arrive at the total market capitalization of the 2,000 stocks.

Constituent stocks of the Index are weighted in the Index 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 FTSE Russell. FTSE Russell determines shares available to the public for purchase based on information recorded in corporate filings with the SEC and other reliable sources in the event of missing or questionable data. FTSE Russell removes the following types of shares from total market capitalization to arrive at free-float market capitalization:

Officers and directors’ holdings — shares held by officers and directors.

Large private holdings — shares held by an individual, a group of individuals acting together or a corporation (that is included in the Index) if such holdings constitute 10% or more of the shares outstanding.

Institutional holdings — shares held by investment companies, partnerships, insurance companies, mutual funds or banks are excluded if the holding is greater than 30%. If a firm has a direct relationship to the company, such as board representation, they are considered strategic holdings and excluded regardless of the size of holding per the officers and directors’ exclusion rule.

Publicly listed companies — shares held by publicly listed companies. Holdings considered as Institutional will be considered as available unless the 30% threshold is surpassed, regardless of listing.

ESOP or LESOP shares — shares held by employee stock ownership plans and leveraged employee stock ownership plans.

Initial public offering lock-ups — shares locked-up during an initial public offering are not available to the public and will be excluded from the market value at the time the initial public offering enters the Index.

Government holdings — shareholdings listed as “government of.” Shares held by government investment boards and/or investment arms are treated like shares held by large private shareholdings and are excluded if the number of shares is greater than 10% of outstanding shares. Shares held by a government pension plan are considered institutional holdings and will not be excluded unless the holding is greater than 30%.

Corporate Actions Affecting the Index

FTSE Russell adjusts the Index on a daily basis in response to certain corporate actions and events. Therefore, a company’s membership in the Index and its weight in the Index 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, FTSE Russell estimates the effective date. FTSE Russell 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, FTSE Russell will generally either (1) apply the action before the open on the ex-date or (2) apply the action after providing appropriate notice to its clients regarding the impact of the action and the effective date. FTSE Russell applies the following methodology guidelines when adjusting the Index in response to corporate actions and events:

“No Replacement” Rule — Securities that are deleted from the Index 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 Index over the past year will fluctuate according to corporate activity.

Mergers and Acquisitions — Between constituents: When mergers and acquisitions take place between companies that are both constituents of a Russell index, the target company is deleted and its market capitalization simultaneously moves to the acquiring company’s stock. In the absence of an active market for the target company at the time of index implementation, the target company will be deleted from the Index using a synthetic price based on the offer terms. Given sufficient market hours after confirmation, FTSE Russell effects this action after the close on the last day of trade of the target company, or at an appropriate time once the transaction has been deemed to be final (implementation may occur prior to the last day of trade to avoid potential delays with the associated synthetic pricing).