

Edgar Filing: PAR TECHNOLOGY CORP - Form SC 13G/A

PAR TECHNOLOGY CORP  
Form SC 13G/A  
February 15, 2017

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No.2)

Par Technology Corporation  
(Name of Issuer)

Common stock, \$.02 par value  
(Title of Class of Securities)

698884103  
(CUSIP Number)

December 31, 2016  
(Date of Event which Requires  
Filing of this Statement)

Check the appropriate box to designate the rule pursuant to  
which this Schedule is filed:

Rule 13d-1(b)  
 Rule 13d-1(c)  
 Rule 13d-1(d)

\*The remainder of this cover page shall be filled out or a  
reporting person's initial filing on this form with respect  
to the subject class of securities, and for any subsequent  
amendment containing information which would alter the  
disclosures provided in a prior cover page.

The information required in the remainder of this cover page  
shall not be deemed to be "filed" for the purpose of Section  
18 of the Securities Exchange Act of 1934 ("Act") or  
otherwise subject to the liabilities of that section of the  
Act but shall be subject to all other provisions of the Act  
(however, see the Notes).

CUSIP No. 698884103      SCHEDULE 13G      Page 2 of 6

- 1      Name of Reporting Person      Eliot Rose Asset Management, LLC  
      IRS Identification No. of Above Person      04-3649045
  
- 2      Check the Appropriate Box if a Member of a Group  
                                                  (a)        
      (See instructions)                      (b)
  
- 3      SEC USE ONLY

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4 Citizenship or Place of Organization

Rhode Island

5 Sole Voting Power

1,247,634

NUMBER OF SHARES 6 Shared Voting Power

BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH -0-

7 Sole Dispositive Power

1,247,634

8 Shared Dispositive Power

-0-

9 Aggregate Amount Beneficially Owned by each Reporting Person

1,247,634

10 Check if the Aggregate Amount in Row (9) Excludes Certain Shares (see instructions) [ ]

11 Percent of Class Represented by Amount in Row (9)

8.0%

12 Type of Reporting Person (see instructions)

OO, IA

CUSIP No. 698884103 SCHEDULE 13G Page 3 of 6

1 Name of Reporting Person Gary S. Siperstein  
IRS Identification No. of Above Person

2 Check the Appropriate Box if a Member of a Group

(a) [ ]

(See instructions) (b) [ ]

3 SEC USE ONLY

4 Citizenship or Place of Organization

United States

5 Sole Voting Power

1,247,634

NUMBER OF SHARES 6 Shared Voting Power

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BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH

|   |                          |
|---|--------------------------|
|   | -0-                      |
| 7 | Sole Dispositive Power   |
|   | 1,247,634                |
| 8 | Shared Dispositive Power |
|   | -0-                      |

9 Aggregate Amount Beneficially Owned by each Reporting Person

1,247,634

10 Check if the Aggregate Amount in Row (9) Excludes Certain Shares (see instructions) [ ]

11 Percent of Class Represented by Amount in Row (9)

8.0%

12 Type of Reporting Person (see instructions)

IN

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Item 1(a). Name of Issuer.

Par Technology Corporation

Item 1(b). Address of Issuer's Principal Executive Offices.

8383 Seneca Turnpike, New Hartford, NY 13413

Item 2(a). Names of Persons Filing.

Eliot Rose Asset Management, LLC and Gary S. Siperstein.

Item 2(b). Address of Principal Business Office or, if none, Residence.

The office address for Eliot Rose Asset Management, LLC and Gary S. Siperstein is 1000 Chapel View Blvd., Suite 240, Cranston, RI 02920

Item 2(c). Citizenship.

Eliot Rose Asset Management, LLC is a Rhode Island limited liability company, Gary S. Siperstein is a United States citizen.

Item 2(d). Title of Class of Securities.

Common stock, \$.02 par value

Item 2(e). CUSIP Number.

698884103

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Item 3. If this statement is filed pursuant to 240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:

(a)  Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o).

(b)  Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c).

(c)  Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c).

(d)  Investment company registered under section 8 of the Investment Company act of 1940 (15 U.S.C. 80a-8).

(e)  An investment adviser in accordance with 240.13d-1(b)(1)(ii)(E).

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(f)  An employee benefit plan or endowment fund in accordance with 240.13d-1(b)(1)(ii)(F).

(g)  A parent holding company or control person in accordance with 240.13d-1(b)(1)(ii)(G).

(h)  A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813).

(i)  A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company act of 1940 (15 U.S.C. 80a-3).

(j)  A non-U.S. institution in accordance with Rule 240.13d-1(b)(1)(ii)(J);

(K)  Group, in accordance with 240.13d-1(b)(1)(ii)(J).

If filing as a non-U.S. institution in accordance with Rule 240.13d-1(b)(1)(ii)(J), please specify the type of institution:

Item 4. Ownership.

Reference is made hereby made to Items 5-9 and 11 of pages two (2) and three (3) of this Schedule 13G, which Items are incorporated by reference herein.

Item 5. Ownership of Five Percent or Less of a Class.

Not Applicable.

Item 6. Ownership of More Than Five Percent on Behalf of Another Person.

Eliot Rose Asset Management, LLC is deemed to be the beneficial owner of the number of securities reflected in Item 5-9 and 11 of page two (2) of this Schedule 13G pursuant to separate arrangements whereby it acts as investment

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adviser to certain persons. Each person for whom Eliot Rose Asset Management, LLC acts as investment adviser has the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of, the common stock purchased or held pursuant to such arrangements. Gary S. Siperstein is deemed to be the beneficial owner of the number of securities reflected in Items 5-9 and 11 on page three (3) of this Schedule 13G pursuant to his ownership interest in Eliot Rose Asset Management, LLC.

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Item 7. Identification and Classification of the Subsidiary which Acquired the Security Being Reported on by the Parent Holding Company or Control Person.

Not applicable.

Item 8. Identification and Classification of Members of the Group.

Not applicable.

Item 9. Notice of Dissolution of Group.

Not applicable.

Item 10.                    Certification.

By signing below, Eliot Rose Asset Management, LLC and Gary S. Siperstein certify that, to the best of their knowledge and belief, the securities referred to above on pages two (2) and three (3), respectively, of this Schedule 13G were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.  
Signature

After reasonable inquiry and to the best of their knowledge and belief, the undersigned certify that the information set forth in this statement is true, complete and correct.

DATED: January 4, 2017

Eliot Rose Asset Management, LLC

/s/ Gary S. Siperstein

\_\_\_\_\_  
By: Gary S. Siperstein  
its: Managing Member

Gary S. Siperstein

/s/ Gary S. Siperstein

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By: Gary S. Siperstein

Attention: Intentional misstatements or omissions of fact  
constitute Federal criminal violations (See 18 U.S.C. 1001)

y:ARIAL; font-size:10pt">

**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-11.

**Calculation Agent:**

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

Market-Linked Step Up Notes

TS-2

## Market-Linked Step Up Notes

Linked to the S&P 500® Index, due September 28, 2018

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

Product supplement EQUITY INDICES SUN-1 dated June 25, 2015:  
<http://www.sec.gov/Archives/edgar/data/1045520/000119312515234031/d945997d424b2.htm>

Prospectus dated April 30, 2015 and prospectus supplement dated April 30, 2015:  
<http://www.sec.gov/Archives/edgar/data/1045520/000119312515161379/d916405d424b3.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 supplement EQUITY INDICES SUN-1. Unless otherwise indicated or unless the context requires otherwise, all references in this document to we, us, our, or similar references are to CIBC.

## Investor Considerations

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

- You anticipate that the Index will increase from the Starting Value to the Ending Value.
- You are willing to risk a loss of principal and return if the Index decreases from the Starting Value to the Ending Value.
- 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 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.



Market-Linked Step Up Notes

Linked to the S&P 500® Index, due September 28, 2018

Hypothetical Payout Profile and Examples of Payments at Maturity

**Market-Linked Step Up Notes**

This graph reflects the returns on the notes, based on the Threshold Value of 100% of the Starting Value, the Step Up Payment of \$1.51 per unit and the Step Up Value of 115.10% of the Starting Value. 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, a hypothetical Threshold Value of 100, the Step Up Value of 115.10, the Step Up Payment of \$1.51 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, Threshold 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.

| Ending Value | Percentage Change from the         |  | Redemption Amount per Unit | Total Rate of Return on the |
|--------------|------------------------------------|--|----------------------------|-----------------------------|
|              | Starting Value to the Ending Value |  |                            | Notes                       |
| 0.00         | -100.00%                           |  | \$0.00                     | -100.00%                    |
| 50.00        | -50.00%                            |  | \$5.00                     | -50.00%                     |
| 80.00        | -20.00%                            |  | \$8.00                     | -20.00%                     |
| 90.00        | -10.00%                            |  | \$9.00                     | -10.00%                     |
| 94.00        | -6.00%                             |  | \$9.40                     | -6.00%                      |
| 97.00        | -3.00%                             |  | \$9.70                     | -3.00%                      |

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|                          |        |                        |        |
|--------------------------|--------|------------------------|--------|
| 100.00 <sup>(1)(2)</sup> | 0.00%  | \$11.51 <sup>(3)</sup> | 15.10% |
| 102.00                   | 2.00%  | \$11.51                | 15.10% |
| 105.00                   | 5.00%  | \$11.51                | 15.10% |
| 110.00                   | 10.00% | \$11.51                | 15.10% |
| 115.10 <sup>(4)</sup>    | 15.10% | \$11.51                | 15.10% |
| 120.00                   | 20.00% | \$12.00                | 20.00% |
| 130.00                   | 30.00% | \$13.00                | 30.00% |
| 140.00                   | 40.00% | \$14.00                | 40.00% |
| 150.00                   | 50.00% | \$15.00                | 50.00% |
| 160.00                   | 60.00% | \$16.00                | 60.00% |

- (1) The **hypothetical** Starting Value of 100 used in these examples has been chosen for illustrative purposes only. The actual Starting Value is 2,151.13, which was the closing level of the Market Measure on the pricing date.
- (2) This is the **hypothetical** Threshold Value.
- (3) This amount represents the sum of the principal amount and the Step Up Payment of \$1.51.
- (4) This is the hypothetical Step Up Value.

Market-Linked Step Up Notes

Linked to the S&P 500<sup>®</sup> Index, due September 28, 2018

**Redemption Amount Calculation Examples**

**Example 1**

The Ending Value is 90.00, or 90.00% of the Starting Value:

Starting Value: 100.00

Threshold Value: 100.00

Ending Value: 90.00

Redemption Amount per unit

**Example 2**

The Ending Value is 110.00, or 110.00% of the Starting Value:

Starting Value: 100.00

Step Up Value: 115.10

Ending Value: 110.00

Redemption Amount per unit, *the principal amount plus the Step Up Payment, since the Ending Value is equal to or greater than the Starting Value, but less than the Step Up Value.*

**Example 3**

The Ending Value is 132.00, or 132.00% of the Starting Value:

Starting Value: 100.00

Step Up Value: 115.10

Ending Value: 132.00

Redemption Amount per unit



## Market-Linked Step Up Notes

Linked to the S&P 500<sup>®</sup> Index, due September 28, 2018

### 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-7 of product supplement EQUITY INDICES SUN-1, page S-1 of the prospectus supplement, and page 1 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 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. The public offering price of the notes exceeds our initial estimated value because costs associated with selling and structuring the notes, as well as hedging the notes, all as further described in Structuring the Notes on page TS-11, are included in the public offering price of the notes.
- ⌋ Our initial estimated value does not represent future values of the notes and may differ from others estimates. Our initial estimated value is only an estimate, which was determined by reference to our internal pricing models when the terms of the notes were set. This estimated value was based on market conditions and other relevant factors existing at that time, our internal funding rate on the pricing date 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 greater or less than our initial estimated value. In addition, market conditions and other relevant factors in the future may change, and any assumptions may prove to be incorrect. On future dates, the market value of the notes could change significantly based on, among other things, changes in market conditions, including the value of the Market Measure, our creditworthiness, interest rate movements and other relevant factors, which may

impact the price at which MLPF&S or any other party would be willing to buy notes from you in any secondary market transactions. Our estimated value does not represent a minimum price at which MLPF&S or any other party would be willing to buy your notes in any secondary market (if any exists) at any time.

- ⌋ Our initial estimated value of the notes was not determined by reference to credit spreads for our conventional fixed-rate debt. The internal funding rate that was 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. The discount is based on, among other things, our 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 our conventional fixed-rate debt. If we were to have used the interest rate implied by our conventional fixed-rate debt, we would expect the economic terms of the notes to be more favorable to you. Consequently, our use of an internal funding rate for market-linked notes had an adverse effect on the economic terms of the notes and the initial estimated value of the notes on the pricing date, and could have an adverse effect on any secondary market prices of the notes.
- ⌋ 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 affects its level, and has no obligation to consider your interests.
- ⌋ You will have no rights of a holder of the securities represented by 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, except to the extent that the common stock of Bank of America Corporation (the parent company of MLPF&S) is 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.

Market-Linked Step Up Notes

Linked to the S&P 500<sup>®</sup> Index, due September 28, 2018

- i 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 and [U.S. Federal Income Tax Summary](#) beginning on page PS-32 of product supplement EQUITY INDICES SUN-1. For a discussion of the Canadian federal income tax consequences of investing in the notes, see [Certain Income Tax Consequences](#) [Certain Canadian Income Tax Considerations](#) in the prospectus supplement dated April 30, 2015, as supplemented by the discussion under [Summary of Canadian Federal Income Tax Considerations](#) herein.

Market-Linked Step Up Notes

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## Market-Linked Step Up Notes

Linked to the S&P 500<sup>®</sup> Index, due September 28, 2018

### 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 information reflects the policies of, and is subject to change by, S&P Dow Jones Indices LLC (the Index sponsor or S&P ). 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 the Notes Discontinuance of an Index beginning on page PS-21 of product supplement EQUITY INDICES SUN-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 is intended to provide an indication of the pattern of common stock price movement. The calculation of the level of the Index is based on the relative value of the aggregate market value of the common stocks of 500 companies as of a particular time compared to the aggregate average market value of the common stocks of 500 similar companies during the base period of the years 1941 through 1943.

S&P chooses companies for inclusion in the Index with the aim of achieving a distribution by broad industry groupings that approximates the distribution of these groupings in the common stock population of its Stock Guide Database of over 10,000 companies, which S&P uses as an assumed model for the composition of the total market. Relevant criteria employed by S&P include the viability of the particular company, the extent to which that company represents the industry group to which it is assigned, the extent to which the market price of that company's common stock generally is responsive to changes in the affairs of the respective industry and the market value and trading activity of the common stock of that company. Ten main groups of companies constitute the Index, with the approximate percentage of the market capitalization of the Index included in each group as of August 31, 2016 indicated in parentheses: Consumer Discretionary (12.2%); Consumer Staples (10.1%); Energy (7.0%); Financials (16.3%); Health Care (14.6%); Industrials (9.9%); Information Technology (21.0%); Materials (2.9%); Telecommunication Services (2.7%); and Utilities (3.2%). S&P may from time to time, in its sole discretion, add companies to, or delete companies from, the Index to achieve the objectives stated above.

S&P calculates the Index by reference to the prices of the constituent stocks of the Index without taking account of the value of dividends paid on those stocks. As a result, the return on the notes will not reflect the return you would realize if you actually owned the Index constituent stocks and received the dividends paid on those stocks.

### Computation of the Index

Historically, the market value of any component stock of the Index was calculated as the product of the market price per share and the number of then outstanding shares of such component stock. In March 2005, S&P began shifting the Index halfway from a market capitalization weighted formula to a float-adjusted formula, before moving the Index to full float adjustment on September 16, 2005. S&P's criteria for selecting stocks for the Index did not change with the shift to float adjustment. However, the adjustment affects each company's weight in the Index.



Under float adjustment, the share counts used in calculating the Index reflect only those shares that are available to investors, not all of a company's outstanding shares. Float adjustment excludes shares that are closely held by control groups, other publicly traded companies or government agencies.

In September 2012, all shareholdings representing more than 5% of a stock's outstanding shares, other than holdings by block owners, were removed from the float for purposes of calculating the Index. Generally, these control holders will include officers and directors, private equity, venture capital and special equity firms, other publicly traded companies that hold shares for control, strategic partners, holders of restricted shares, employee stock ownership plans, employee and family trusts, foundations associated with the company, holders of unlisted share classes of stock, government entities at all levels (other than government retirement/pension funds) and any individual person who controls a 5% or greater stake in a company as reported in regulatory filings. However, holdings by block owners, such as depository banks, pension funds, mutual funds and ETF providers, 401(k) plans of the company, government retirement/pension funds, investment funds of insurance companies, asset managers and investment funds, independent foundations and savings and investment plans, will ordinarily be considered part of the float.

Treasury stock, stock options, restricted shares, equity participation units, warrants, preferred stock, convertible stock, and rights are not part of the float. Shares held in a trust to allow investors in countries outside the country of domicile, such as depository shares and Canadian exchangeable shares, are normally part of the float unless those shares form a control block. If a company has multiple classes of stock outstanding, shares in an unlisted or non-traded class are treated as a control block.

For each stock, an investable weight factor ( IWF ) is calculated by dividing the available float shares by the total shares outstanding. As of September 21, 2012, available float shares are defined as the total shares outstanding less shares held by control holders. This calculation is subject to a 5% minimum threshold for control blocks. For example, if a company's officers and directors hold 3% of the company's shares, and no other control group holds 5% of the company's shares, S&P would assign that company an IWF of 1.00, as no control group meets the 5% threshold. However, if a company's officers and directors hold 3% of the company's shares and another control group holds 20% of the company's shares, S&P would assign an IWF of 0.77, reflecting the fact that 23% of the company's outstanding shares are considered to be held for control. For companies with multiple classes of stock, S&P calculates the weighted average IWF for each stock using the proportion of the total company market capitalization of each share class as weights.

## Market-Linked Step Up Notes

Linked to the S&P 500® Index, due September 28, 2018

The Index is calculated using a base-weighted aggregate methodology. The level of the Index reflects the total market value of all component stocks relative to the base period of the years 1941 through 1943. An indexed number is used to represent the results of this calculation in order to make the level easier to work with and track over time. The actual total market value of the component stocks during the base period of the years 1941 through 1943 has been set to an indexed level of 10. This is often indicated by the notation 1941- 43 = 10. In practice, the daily calculation of the Index is computed by dividing the total market value of the component stocks by the index divisor. By itself, the index divisor is an arbitrary number. However, in the context of the calculation of the Index, it serves as a link to the original base period level of the Index. The index divisor keeps the Index comparable over time and is the manipulation point for all adjustments to the Index, which is index maintenance.

### Index Maintenance

Index maintenance includes monitoring and completing the adjustments for company additions and deletions, share changes, stock splits, stock dividends and stock price adjustments due to company restructuring or spinoffs. Some corporate actions, such as stock splits and stock dividends require changes in the common shares outstanding and the stock prices of the companies in the Index, and do not require index divisor adjustments.

To prevent the level of the Index from changing due to corporate actions, corporate actions which affect the total market value of the Index require an index divisor adjustment. By adjusting the index divisor for the change in market value, the level of the Index remains constant and does not reflect the corporate actions of individual companies in the Index. Index divisor adjustments are made after the close of trading and after the calculation of the Index closing level.

Changes in a company's shares outstanding of 5.00% or more due to mergers, acquisitions, public offerings, tender offers, Dutch auctions, or exchange offers are made as soon as reasonably possible. All other changes of 5.00% or more (due to, for example, company stock repurchases, private placements, redemptions, exercise of options, warrants, conversion of preferred stock, notes, debt, equity participation units, at-the-market offerings or other recapitalizations) are made weekly, and are announced on Fridays for implementation after the close of trading on the following Friday. Changes of less than 5.00% due to a company's acquisition of another company in the Index are made as soon as reasonably possible. All other changes of less than 5.00% are accumulated and made quarterly on the third Friday of March, June, September, and December, and are usually announced two to five days prior.

Changes in IWFs of more than five percentage points caused by corporate actions (such as merger and acquisition activity, restructurings, or spinoffs) will be made as soon as reasonably possible. Other changes in IWFs will be made annually when IWFs are reviewed.

*The following graph shows the daily historical performance of the Index in the period from January 1, 2008 through September 29, 2016. We obtained this historical data from Bloomberg L.P. We have not independently verified the accuracy or completeness of the information obtained from Bloomberg L.P. On the pricing date, the closing level of the Index was 2,151.13.*

### Historical Performance of the Index

*This historical data on the Index is not necessarily indicative of the future performance of the Index or what the value of the notes may be. Any historical upward or downward trend in the level of the Index during any period set forth above is not an indication that the level of the Index is more or less likely to increase or decrease at any time over the term of the notes.*

Before investing in the notes, you should consult publicly available sources for the levels of the Index.

Market-Linked Step Up Notes

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## Market-Linked Step Up Notes

Linked to the S&P 500® Index, due September 28, 2018

### License Agreement

We and S&P have entered into a non-transferable, non-exclusive license agreement providing for the sublicense to us, in exchange for a fee, of the right to use the Index in connection with the issuance of the notes.

The license agreement between us and S&P provides that the following language must be stated in this document:

The Index is a product of S&P, and has been licensed for use by us. Standard & Poor ®, S&P® and S&P 500® are registered trademarks of Standard & Poor's Financial Services LLC; and these trademarks have been licensed for use by S&P and sublicensed for certain purposes by us. The notes are not sponsored, endorsed, sold or promoted by S&P, Standard & Poor's Financial Services LLC, any of their respective affiliates (collectively, S&P Dow Jones Indices). S&P Dow Jones Indices make no representation or warranty, express or implied, to the holders 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 Index to track general market performance. S&P Dow Jones Indices' only relationship to us with respect to the Index is the licensing of the Index and certain trademarks, service marks and/or trade names of S&P Dow Jones Indices or its licensors. The Index is determined, composed and calculated by S&P Dow Jones Indices without regard to us or the notes. S&P Dow Jones Indices have no obligation to take our needs or the needs of holders of the notes into consideration in determining, composing or calculating the Index. S&P Dow Jones Indices are not responsible for and have not participated in the determination of the prices, and amount of the notes or the timing of the issuance or sale of the notes or in the determination or calculation of the equation by which the notes are to be converted into cash, surrendered or redeemed, as the case may be. S&P Dow Jones Indices have no obligation or liability in connection with the administration, marketing or trading of the notes. There is no assurance that investment products based on the Index will accurately track index performance or provide positive investment returns. S&P is not an investment advisor. Inclusion of a security within an index is not a recommendation by S&P Dow Jones Indices to buy, sell, or hold such security, nor is it considered to be investment advice. Notwithstanding the foregoing, CME Group Inc. and its affiliates may independently issue and/or sponsor financial products unrelated to the notes currently being issued by us, but which may be similar to and competitive with the notes. In addition, CME Group Inc. and its affiliates may trade financial products which are linked to the performance of the Index.

S&P DOW JONES INDICES DO NOT GUARANTEE THE ADEQUACY, ACCURACY, TIMELINESS AND/OR THE COMPLETENESS OF THE INDEX OR ANY DATA RELATED THERETO OR ANY COMMUNICATION, INCLUDING BUT NOT LIMITED TO, ORAL OR WRITTEN COMMUNICATION (INCLUDING ELECTRONIC COMMUNICATIONS) WITH RESPECT THERETO. S&P DOW JONES INDICES SHALL NOT BE SUBJECT TO ANY DAMAGES OR LIABILITY FOR ANY ERRORS, OMISSIONS, OR DELAYS THEREIN. S&P DOW JONES INDICES MAKE NO EXPRESS OR IMPLIED WARRANTIES, AND EXPRESSLY DISCLAIMS ALL WARRANTIES, OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USE OR AS TO RESULTS TO BE OBTAINED BY US, HOLDERS OF THE NOTES, OR ANY OTHER PERSON OR ENTITY FROM THE USE OF THE INDEX OR WITH RESPECT TO ANY DATA RELATED THERETO. WITHOUT LIMITING ANY OF THE FOREGOING, IN NO EVENT WHATSOEVER SHALL S&P DOW JONES INDICES BE LIABLE FOR ANY INDIRECT, SPECIAL, INCIDENTAL, PUNITIVE, OR CONSEQUENTIAL DAMAGES INCLUDING BUT NOT LIMITED TO, LOSS OF PROFITS, TRADING LOSSES, LOST TIME OR GOODWILL, EVEN IF THEY HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES, WHETHER IN CONTRACT, TORT, STRICT LIABILITY, OR OTHERWISE. THERE ARE NO THIRD PARTY

BENEFICIARIES OF ANY AGREEMENTS OR ARRANGEMENTS BETWEEN S&P DOW JONES INDICES AND US, OTHER THAN THE LICENSORS OF S&P DOW JONES INDICES.

Market-Linked Step Up Notes

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## Market-Linked Step Up Notes

Linked to the S&P 500<sup>®</sup> Index, due September 28, 2018

## Supplement to the Plan of Distribution

Under our distribution agreement with MLPF&S, MLPF&S will purchase the notes from us as principal at the public offering price indicated on the cover of this term sheet, less the indicated underwriting discount.

We will deliver the notes against payment therefor in New York, New York on a date that is greater than three business days following the pricing date. Under Rule 15c6-1 of the Securities Exchange Act of 1934, trades in the secondary market generally are required to settle in three business days, unless the parties to any such trade expressly agree otherwise. Accordingly, purchasers who wish to trade the notes more than three business days prior to the original issue date will be required to specify alternative settlement arrangements to prevent a failed settlement.

The notes will not be listed on any securities exchange. In the original offering of the notes, the notes will be sold in minimum investment amounts of 100 units. If you place an order to purchase the notes, you are consenting to MLPF&S acting as a principal in effecting the transaction for your account.

MLPF&S may repurchase and resell the notes, with repurchases and resales being made at prices related to then-prevailing market prices or at negotiated prices, and these prices will include MLPF&S's trading commissions and mark-ups. MLPF&S may act as principal or agent in these market-making transactions; however, it is not obligated to engage in any such transactions. At MLPF&S's discretion, for a short, undetermined initial period after the issuance of the notes, MLPF&S may offer to buy the notes in the secondary market at a price that may exceed the initial estimated value of the notes. Any price offered by MLPF&S for the notes will be based on then-prevailing market conditions and other considerations, including the performance of the Index and the remaining term of the notes. However, none of us, MLPF&S, or any of our respective affiliates is obligated to purchase your notes at any price or at any time, and we cannot assure you that we, MLPF&S or any of our respective affiliates will purchase your notes at a price that equals or exceeds the initial estimated value of the notes.

The value of the notes shown on your account statement will be based on MLPF&S's estimate of the value of the notes if MLPF&S or another of its affiliates were to make a market in the notes, which it is not obligated to do. That estimate will be based upon the price that MLPF&S may pay for the notes in light of then-prevailing market conditions, and other considerations, as mentioned above, and will include transaction costs. At certain times, this price may be higher than or lower than the initial estimated value of the notes.

The distribution of the Note Prospectus in connection with these offers or sales will be solely for the purpose of providing investors with the description of the terms of the notes that was made available to investors in connection with their initial offering. Secondary market investors should not, and will not be authorized to, rely on the Note Prospectus for information regarding CIBC or for any purpose other than that described in the immediately preceding sentence.

## Structuring the Notes

The notes are our debt securities, the return on which is linked to the performance of the Index. As is the case for all of our debt securities, including our market-linked notes, the economic terms of the notes reflect our actual or perceived creditworthiness at the time of pricing. The internal funding rate we use in pricing the market-linked notes is typically

lower than the rate we would pay when we issue conventional fixed-rate debt securities of comparable maturity. This difference is based on, among other things, our 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 our conventional fixed-rate debt. This generally relatively lower internal funding rate, which is reflected in the economic terms of the notes, along with the fees and charges associated with market-linked notes, resulted in the initial estimated value of the notes on the pricing date being less than their public offering price.

At maturity, we are required to pay the Redemption Amount to holders of the notes, which will be calculated based on the performance of the Index and the \$10 per unit principal amount. In order to meet these payment obligations, at the time we issue the notes, we may choose to enter into certain hedging arrangements (which may include call options, put options or other derivatives) with MLPF&S or one of its affiliates. The terms of these hedging arrangements are determined by seeking bids from market participants, including MLPF&S and its affiliates, and take into account a number of factors, including our creditworthiness, interest rate movements, the volatility of the Index, the tenor of the notes and the tenor of the hedging arrangements. The economic terms of the notes and their initial estimated value depend in part on the terms of these hedging arrangements.

MLPF&S has advised us that the hedging arrangements will include a hedging related charge of approximately \$0.075 per unit, reflecting an estimated profit to be credited to MLPF&S from these transactions. Since hedging entails risk and may be influenced by unpredictable market forces, additional profits and losses from these hedging arrangements may be realized by MLPF&S or any third party hedge providers.

For further information, see [Risk Factors](#) [General Risks Relating to the Notes](#) beginning on page PS-7 and [Use of Proceeds and Hedging](#) on page PS-16 of product supplement EQUITY INDICES SUN-1.

## Market-Linked Step Up Notes

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### Summary of Canadian Federal Income Tax Considerations

In the opinion of Blake, Cassels & Graydon LLP, our Canadian tax counsel, the following summary describes the principal Canadian federal income tax considerations under the *Income Tax Act* (Canada) (the Canadian Tax Act) generally applicable at the date hereof to a purchaser who acquires beneficial ownership of a note pursuant to this term sheet and who for the purposes of the Canadian Tax Act and the regulations thereto and at all relevant times: (a) is neither resident nor deemed to be resident in Canada; (b) deals at arm's length with CIBC and any transferee resident (or deemed to be resident) in Canada to whom the purchaser disposes of the note; (c) does not use or hold and is not deemed to use or hold the note in, or in the course of, carrying on a business in Canada; (d) is entitled to receive all payments (including any interest and principal) made on the note; and (e) is not a, and deals at arm's length with any, specified shareholder of CIBC for purposes of the thin capitalization rules in the Canadian Tax Act (a Non-Resident Holder). A specified shareholder for these purposes generally includes a person who (either alone or together with persons with whom that person is not dealing at arm's length for the purposes of the Canadian Tax Act) owns or has the right to acquire or control or is otherwise deemed to own 25% or more of CIBC's shares determined on a votes or fair market value basis. Special rules which apply to non-resident insurers carrying on business in Canada and elsewhere are not discussed in this summary.

This summary is supplemental to and should be read together with the description of material Canadian federal income tax considerations relevant to a Non-Resident Holder owning notes under Certain Income Tax Consequences Certain Canadian Income Tax Considerations in the accompanying prospectus supplement and a Non-Resident Holder should carefully read that description as well.

Based on Canadian tax counsel's understanding of the Canada Revenue Agency's administrative policies and having regard to the terms of the notes, interest payable on the notes should not be considered to be participating debt interest as defined in the Canadian Tax Act and accordingly, a Non-Resident Holder should not be subject to Canadian non-resident withholding tax in respect of amounts paid or credited or deemed to have been paid or credited by CIBC on a note as, on account of or in lieu of payment of, or in satisfaction of, interest.

Non-Resident Holders should consult their own tax advisors regarding the consequences to them of a disposition of the notes to a person with whom they are not dealing at arm's length for purposes of the Canadian Tax Act. The Minister of Finance (Canada) has released proposals to amend the Canadian Tax Act that impact the treatment of secondary market sales of prescribed debt obligations such as the notes occurring after 2016 (the Budget Proposals). It is not clear whether the Budget Proposals could impact the Canadian tax consequences of a transfer or assignment of a note by a Non-Resident Holder to a transferee resident in Canada for purposes of the Canadian Tax Act, and in particular, whether Canadian withholding tax could apply in respect of such a transfer or assignment, regardless of whether such note is an excluded obligation as described under Certain Income Tax Consequences Certain Canadian Income Tax Considerations in the accompanying prospectus supplement. Non-Resident Holders should consult with their own tax advisors in this regard.





## Market-Linked Step Up Notes

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### Summary of U.S. Federal Income Tax Consequences

The following discussion is a brief summary of the material U.S. federal income consequences relating to an investment in the notes. The following summary is not complete and is both qualified and supplemented by, or in some cases supplements, the discussion entitled "U.S. Federal Income Tax Summary" beginning on page PS-32 of product supplement EQUITY INDICES SUN-1, which you should carefully review prior to investing in the notes.

The U.S. federal income tax consequences of your investment in the notes are uncertain. No statutory, judicial or administrative authority directly discusses how the notes should be treated for U.S. federal income tax purposes. In the opinion of our tax counsel, Mayer Brown LLP, it would generally be reasonable to treat the notes as prepaid cash-settled derivative contracts. Pursuant to the terms of the notes, you agree to treat the notes in this manner for all U.S. federal income tax purposes. If your notes are so treated, you should generally recognize capital gain or loss upon the sale, exchange, redemption or payment on maturity in an amount equal to the difference between the amount you receive at such time and the amount that 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.

The characterization described above is not binding on the U.S. Internal Revenue Service (the "IRS") or the courts. Thus, it is possible that the IRS would seek to characterize your notes in a manner that results in tax consequences to you that are different from those described above or in the accompanying product supplement. For a more detailed discussion of certain alternative characterizations with respect to your notes and certain other considerations with respect to your investment in the notes, you should consider the discussion set forth in "U.S. Federal Income Tax Summary" of the product supplement. We are not responsible for any adverse consequences that you may experience as a result of any alternative characterization of the notes for U.S. federal income tax or other tax purposes.

Additionally, the following changes are hereby made to the "U.S. Federal Income Tax Summary" section of the product supplement EQUITY INDICES SUN-1 to reflect certain changes to the U.S. federal income tax law as a result of U.S. taxing authority guidance and activity:

The fourth paragraph in the section captioned "Non-U.S. Holders" is hereby deleted and replaced with the following: A dividend equivalent payment made with respect to an equity-linked instrument is treated as a U.S.-source dividend. Such payments are generally subject to a 30% U.S. withholding tax (or lower rate if a tax treaty applies) when paid to a non-U.S. holder. Treasury regulations provide that certain equity-linked instruments with payments that are contingent upon or determined by reference to U.S.-source dividends (including payments reflecting adjustments for dividends), are considered to pay dividend equivalents. Regulations exempt equity-linked instruments issued prior to 2017 from these rules. Depending on the composition of the Market Measure, a note might be treated as an equity-linked instrument; however, since it is issued prior to 2017, it is expected to be exempt from the withholding tax rules specified for dividend equivalents.

The following sentences are hereby added immediately after the sentence in the section captioned

Additional Information for Investors : FATCA may impose a 30% withholding tax on payments of gross proceeds from the sale, exchange or redemption of property that gives rise to U.S.-source dividends or interest. The Internal Revenue Service recently announced in published guidance its intent to amend the regulations to extend the effective date of withholding on gross proceeds to 1 January 2019. Similarly the Internal Revenue Service announced its intention to delay the effective date of withholding tax on foreign passthru payments to the later of 1 January 2019 or the date of publication of final U.S. Treasury regulations defining such term.

**You should consult your tax advisor as to the tax consequences of such characterization and any possible alternative characterizations of the notes for U.S. federal income tax purposes. You should also consult your tax advisor concerning the U.S. federal income tax and other tax consequences of your investment in the notes in your particular circumstances, including the application of state, local or other tax laws and the possible effects of changes in federal or other tax laws.**

## Market-Linked Step Up Notes

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### Validity of the Notes

In the opinion of Blake, Cassels & Graydon LLP, as Canadian counsel to the Bank, the issue and sale of the notes have been duly authorized by all necessary corporate action of the Bank 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 federal laws of Canada applicable therein, will be valid obligations of the Bank, subject to applicable bankruptcy, insolvency and other laws of general application affecting creditors' rights, equitable principles, and subject to limitations as to the currency in which judgments in Canada may be rendered, as prescribed by the *Currency Act* (Canada). 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 therein. In addition, this opinion is subject to customary assumptions about the Trustee's authorization, execution and delivery of the Indenture and the genuineness of signature, and to such counsel's reliance on the Bank and other sources as to certain factual matters, all as stated in the opinion letter of such counsel dated October 2, 2015, which has been filed as Exhibit 5.2 to the Bank's Form 6-K filed with the SEC on October 2, 2015.

In the opinion of Mayer Brown LLP, when the notes have been duly completed in accordance with the Indenture and issued and sold as contemplated by the prospectus supplement and the prospectus, the notes will constitute valid and binding obligations of the Bank, entitled to the benefits of the Indenture, subject to bankruptcy, insolvency, fraudulent transfer, reorganization, moratorium and similar laws of general applicability relating to or affecting creditors' rights and to general equity principles. This opinion is given as of the date hereof and is limited to the laws of the State of New York. This opinion is subject to customary assumptions about the Trustee's authorization, execution and delivery of the Indenture and such counsel's reliance on the Bank and other sources as to certain factual matters, all as stated in the legal opinion dated October 2, 2015, which has been filed as Exhibit 5.1 to the Bank's Form 6-K filed on October 2, 2015.

### Where You Can Find More Information

We have filed a registration statement (including a product supplement, a prospectus supplement and a prospectus) with the SEC for the offering to which this term sheet relates. Before you invest, you should read the Note Prospectus, including this term sheet, and the other documents that we have filed with the SEC, for more complete information about us and this offering. You may get these documents without cost by visiting EDGAR on the SEC website at [www.sec.gov](http://www.sec.gov). Alternatively, we, any agent, or any dealer participating in this offering will arrange to send you these documents if you so request by calling MLPF&S toll-free at 1-800-294-1322.

### Market-Linked Investments Classification

*MLPF&S classifies certain market-linked investments (the "Market-Linked Investments") into categories, each with different investment characteristics. The following description is meant solely for informational purposes and is not intended to represent any particular Enhanced Return Market-Linked Investment or guarantee any performance.*

Enhanced Return Market-Linked Investments are short- to medium-term investments that offer you a way to enhance exposure to a particular market view without taking on a similarly enhanced level of market downside risk. They can be especially effective in a flat to moderately positive market (or, in the case of bearish investments, a flat to moderately negative market). In exchange for the potential to receive better-than market returns on the linked asset, you must generally accept market downside risk and capped upside potential. As these investments are not market downside protected, and do not assure full repayment of principal at maturity, you need to be prepared for the possibility that you may lose all or part of your investment.

Market-Linked Step Up Notes

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