

ROYAL BANK OF CANADA  
Form FWP  
November 06, 2017

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November 2017  
MSELN-303-C  
Registration Statement No. 333-208507  
Dated November 2, 2017  
Filed Pursuant to Rule 433

## STRUCTURED INVESTMENTS

### Opportunities in U.S. Equities

Contingent Income Auto-Callable Securities due November 16, 2020  
With the Coupon and Payment at Maturity Subject to the Performance of the Common Stock of Palo Alto Networks, Inc.

#### Principal at Risk Securities

Contingent Income Auto-Callable Securities do not guarantee the payment of interest or the repayment of principal. Instead, the securities offer the opportunity for investors to earn a contingent quarterly coupon equal to 2.625% of the stated principal amount (10.50% per annum), but only with respect to each determination date on which the determination closing price of the underlying stock, or the final share price, as applicable, is greater than or equal to 75% of the initial share price, which we refer to as the downside threshold level. In addition, if the determination closing price of the underlying stock is greater than or equal to the redemption threshold level (which will be equal to 100% of the initial share price) on any determination date, the securities will be automatically redeemed for an amount per security equal to the stated principal amount and the contingent quarterly coupon. At maturity, if the securities have not previously been redeemed and the final share price is greater than or equal to the downside threshold level, the payment at maturity will be the stated principal amount and the contingent quarterly coupon with respect to the final determination date. However, if the final share price of the underlying stock is below the downside threshold level on the final determination date, investors will be fully exposed to the decrease in the underlying stock on a 1 to 1 basis and will receive a payment at maturity that is less than 75% of the stated principal amount and could be zero. Moreover, if on any determination date the determination closing price of the underlying stock, or the final share price, as applicable, is less than the downside threshold level, you will not receive any contingent quarterly coupon for that quarterly period. Accordingly, investors in the securities must be willing to accept the risk of losing their entire principal and also the risk of not receiving any contingent quarterly coupon. The securities are for investors who are willing to risk their principal and seek an opportunity to earn interest at a potentially above-market rate in exchange for the risk of receiving few or no contingent quarterly coupons over the term of the securities. Investors will not participate in any appreciation of the underlying stock. The securities are senior unsecured obligations of Royal Bank of Canada, issued as part of Royal Bank of Canada's Series G Senior Global Medium-Term Notes program. All payments on the securities are subject to the credit risk of Royal Bank of Canada.

#### SUMMARY TERMS

Issuer: Royal Bank of Canada  
Underlying stock: Common stock of Palo Alto Networks, Inc. (Bloomberg symbol: "PANW")  
Aggregate principal amount: \$  
Stated principal amount: \$10 per security  
Issue price: \$10 per security  
Pricing date: November 10, 2017  
Original issue date: November 15, 2017 (3 business days after the pricing date)  
Maturity date:

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November 16, 2020, subject to adjustment as described in “Additional Information About the Securities” below.

If, on any of the first eleven determination dates, the determination closing price of the underlying stock is greater than or equal to the redemption threshold level, the securities will be automatically redeemed for an early redemption payment on the third business day following the related determination date. No further payments will be made on the securities once they have been redeemed.

Early redemption:	The securities will be automatically redeemed for an early redemption payment on the third business day following the related determination date. No further payments will be made on the securities once they have been redeemed.		
Redemption threshold level:	100% of the initial share price		
Early redemption payment:	The early redemption payment will be an amount equal to (i) the stated principal amount plus (ii) the contingent quarterly coupon with respect to the related determination date.		
Determination closing price:	The closing price of the underlying stock on any determination date other than the final determination date times the adjustment factor on that determination date		
Contingent quarterly coupon:	<ul style="list-style-type: none"> <li>• If, on any determination date, the determination closing price or the final share price, as applicable, is greater than or equal to the downside threshold level, we will pay a contingent quarterly coupon of \$0.2625 (2.625% of the stated principal amount, or 10.50% per annum) per security on the related contingent payment date.</li> <li>• If, on any determination date, the determination closing price or the final share price, as applicable, is less than the downside threshold level, no contingent quarterly coupon will be made with respect to that determination date.</li> </ul>		
Determination dates:	February 12, 2018, May 10, 2018, August 10, 2018, November 12, 2018, February 11, 2019, May 10, 2019, August 12, 2019, November 11, 2019, February 10, 2020, May 11, 2020, August 10, 2020 and November 10, 2020, subject to postponement for non-trading days and certain market disruption events as described in “Additional Information About the Securities” below. We also refer to November 10, 2020 as the final determination date.		
Contingent payment dates:	With respect to each determination date other than the final determination date, the third business day after the related determination date. The payment of the contingent quarterly coupon, if any, with respect to the final determination date will be made on the maturity date.		
Payment at maturity:	<ul style="list-style-type: none"> <li>• If the final share price is greater than or equal to the downside threshold level:</li> <li>• If the final share price is less than the downside threshold level:</li> </ul>	<ul style="list-style-type: none"> <li>(i) the stated principal amount plus (ii) the contingent quarterly coupon with respect to the final determination date</li> <li>(i) the stated principal amount multiplied by (ii) the share performance factor</li> </ul>	
Share performance factor:	Final share price divided by the initial share price		
Adjustment factor:	1.0, subject to adjustment in the event of certain corporate events affecting the underlying stock		
Downside threshold level:	\$ , which is equal to 75.00% of the initial share price		
Initial share price:	\$ , which is equal to the closing price of the underlying stock on the pricing date		
Final share price:	The closing price of the underlying stock on the final determination date times the adjustment factor on that date		
CUSIP/ISIN:	78013F602 / US78013F6025		
Listing:	The securities will not be listed on any securities exchange.		
Agent:	RBC Capital Markets, LLC (“RBCCM”). See “Supplemental information regarding plan of distribution; conflicts of interest.”		
Commissions and issue price:	Price to public	Agent’s commissions	Proceeds to issuer
Per security	\$10.000	\$0.200 <sup>(1)</sup>	
		\$0.050 <sup>(2)</sup>	\$9.75
Total	\$	\$	\$

(1) RBCCM, acting as agent for Royal Bank of Canada, will receive a fee of \$0.25 per \$10 stated principal amount and will pay to Morgan Stanley Wealth Management (“MSWM”) a fixed sales commission of \$0.20 for each security

that MSWM sells. See “Supplemental information regarding plan of distribution; conflicts of interest.”

(2) Of the amount per \$10 stated principal amount received by RBCCM, acting as agent for Royal Bank of Canada, RBCCM will pay MSWM a structuring fee of \$0.05 for each security.

The pricing date, original issue date and other dates set forth above are subject to change, and will be set forth in the pricing supplement relating to the securities. The initial estimated value of the securities as of the date of this document is \$9.6215 per \$10 in principal amount, which is less than the price to public. The pricing supplement relating to the securities will set forth our estimate of the initial value of the securities as of the pricing date, which will not be more than \$0.30 less than this amount. The actual value of the securities at any time will reflect many factors, cannot be predicted with accuracy, and may be less than this amount.

The securities involve risks not associated with an investment in ordinary debt securities. See “Risk Factors” beginning on page 7.

The Securities and Exchange Commission and state securities regulators have not approved or disapproved these securities, or determined if this document or the accompanying prospectus supplement and prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

The securities will not constitute deposits insured by the Canada Deposit Insurance Corporation, the U.S. Federal Deposit Insurance Corporation (the “FDIC”) or any other Canadian or U.S. government agency or instrumentality.

You should read this document together with the related prospectus supplement and prospectus, each of which can be accessed via the hyperlinks below. Please also see “Additional Information About the Securities” at the end of this document.

[Prospectus Supplement dated January 8, 2016](#)

[Prospectus dated January 8, 2016](#)

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Contingent Income Auto-Callable Securities due November 16, 2020

With the Coupon and Payment at Maturity Subject to the Performance of the Common Stock of Palo Alto Networks, Inc.

Principal at Risk Securities

Investment Summary

The Contingent Income Auto-Callable Securities due November 16, 2020 with the Coupon and Payment at Maturity Subject to the Performance of the Common Stock of Palo Alto Networks, Inc., which we refer to as the “securities,” provide an opportunity for investors to earn a contingent quarterly coupon, which is an amount equal to \$0.2625 (2.625% of the stated principal amount, or 10.50% per annum) per security, with respect to each quarterly determination date on which the determination closing price or the final share price, as applicable, is greater than or equal to 75.00% of the initial share price, which we refer to as the downside threshold level. The contingent quarterly coupon, if any, will be payable quarterly on the contingent payment date, which is the third business day after the related determination date. It is possible that the closing price of the underlying stock could remain below the downside threshold level for extended periods of time or even throughout the term of the securities so that you may receive few or no contingent quarterly coupons.

If the determination closing price is greater than or equal to the redemption threshold level on any of the first eleven determination dates, the securities will be automatically redeemed for an early redemption payment equal to the stated principal amount plus the contingent quarterly coupon with respect to the related determination date. If the securities have not previously been redeemed and the final share price is greater than or equal to the downside threshold level, the payment at maturity will also be the sum of the stated principal amount and the contingent quarterly coupon with respect to the related determination date. However, if the securities have not previously been redeemed and the final share price is less than the downside threshold level, investors will be exposed to the decline in the closing price of the underlying stock, as compared to the initial share price, on a 1 to 1 basis and will receive a payment at maturity that is less than 75% of the stated principal amount of the securities and could be zero. Investors in the securities must be willing to accept the risk of losing their entire principal and also the risk of not receiving any contingent quarterly coupon. In addition, investors will not participate in any appreciation of the underlying stock.

Contingent Income Auto-Callable Securities due November 16, 2020

With the Coupon and Payment at Maturity Subject to the Performance of the Common Stock of Palo Alto Networks, Inc.

Principal at Risk Securities

Key Investment Rationale

The securities offer investors an opportunity to earn a contingent quarterly coupon equal to 2.625% of the stated principal amount (10.50% per annum) with respect to each determination date on which the determination closing price or the final share price, as applicable, is greater than or equal to 75% of the initial share price, which we refer to as the downside threshold level. The securities may be redeemed prior to maturity for the stated principal amount per security plus the applicable contingent quarterly coupon, and the payment at maturity will vary depending on the final share price, as follows:

- On any of the first eleven determination dates, the determination closing price is greater than or equal to the redemption threshold level.
- Scenario 1 § The securities will be automatically redeemed for (i) the stated principal amount plus (ii) the contingent quarterly coupon with respect to the related determination date.  
§ Investors will not participate in any appreciation of the underlying stock from the initial share price. The securities are not automatically redeemed prior to maturity and the final share price is greater than or equal to the downside threshold level.
- Scenario 2 § The payment due at maturity will be (i) the stated principal amount plus (ii) the contingent quarterly coupon with respect to the final determination date.  
§ Investors will not participate in any appreciation of the underlying stock from the initial share price. The securities are not automatically redeemed prior to maturity and the final share price is less than the downside threshold level.
- Scenario 3 § The payment due at maturity will be (i) the stated principal amount multiplied by (ii) the share performance factor.  
§ Investors will lose a significant portion, and may lose all, of their principal amount in this scenario.

Contingent Income Auto-Callable Securities due November 16, 2020

With the Coupon and Payment at Maturity Subject to the Performance of the Common Stock of Palo Alto Networks, Inc.

Principal at Risk Securities

How the Securities Work

The following diagrams illustrate the potential outcomes for the securities depending on (1) the determination closing price and (2) the final share price.

Diagram #1: First Eleven Determination Dates

Diagram #2: Payment at Maturity if No Automatic Early Redemption Occurs

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Principal at Risk Securities

Hypothetical Examples

The examples below are based on the following terms:

Hypothetical Initial Share Price: \$100.00

Hypothetical Downside Threshold Level: \$75.00, which is 75% of the hypothetical initial share price

Hypothetical Adjustment Factor: 1.0

Contingent Quarterly Coupon: \$0.2625 (2.625% of the stated principal amount, or 10.50% per annum)

Stated Principal Amount: \$10 per security

Redemption Threshold Level: \$100.00, which is equal to 100% of the hypothetical initial share price

In Examples 1 and 2, the closing price of the underlying stock fluctuates over the term of the securities and the determination closing price of the underlying stock is greater than or equal to the redemption threshold level on one of the first eleven determination dates. Because the determination closing price is greater than or equal to the redemption threshold level on one of the first eleven determination dates, the securities are automatically redeemed following the relevant determination date. In Examples 3 and 4, the determination closing price on the first eleven determination dates is less than the redemption threshold level, and, consequently, the securities are not automatically redeemed prior to, and remain outstanding until, maturity.

Determination Dates	Example 1			Example 2		
	Hypothetical Determination Closing Price (or Final Share Price)	Contingent Quarterly Coupon	Early Redemption Payment*	Hypothetical Determination Closing Price (or Final Share Price)	Contingent Quarterly Coupon	Early Redemption Payment
#1	\$105.00	-*	\$10.2625	\$90.00	\$0.2625	N/A
#2	N/A	N/A	N/A	\$91.00	\$0.2625	N/A
#3	N/A	N/A	N/A	\$92.00	\$0.2625	N/A
#4	N/A	N/A	N/A	\$93.00	\$0.2625	N/A
#5	N/A	N/A	N/A	\$94.00	\$0.2625	N/A
#6	N/A	N/A	N/A	\$95.00	\$0.2625	N/A
#7	N/A	N/A	N/A	\$96.00	\$0.2625	N/A
#8	N/A	N/A	N/A	\$97.00	\$0.2625	N/A
#9	N/A	N/A	N/A	\$98.00	\$0.2625	N/A
#10	N/A	N/A	N/A	\$99.00	\$0.2625	N/A
#11	N/A	N/A	N/A	\$110.00	-*	\$10.2625
Final Determination Date	N/A	N/A	N/A	N/A	N/A	N/A

\* The Early Redemption Payment includes the unpaid contingent quarterly coupon with respect to the determination date on which the determination closing price is greater than or equal to the redemption threshold level and the securities are redeemed as a result.

In Example 1, the securities are automatically redeemed following the first determination date, as the determination closing price on the first determination date is greater than the redemption threshold level. You receive the early redemption payment, calculated as follows:

$$\text{stated principal amount} + \text{contingent quarterly coupon} = \$10 + \$0.2625 = \$10.2625$$

In this example, the early redemption feature limits the term of your investment to approximately 3 months and you may not be able to reinvest at comparable terms or returns. If the securities are redeemed early, you will stop receiving contingent payments.

§ In Example 2, the securities are automatically redeemed following the eleventh determination date as the determination closing price on the eleventh determination date is greater than the redemption threshold level. As the determination closing prices on the first ten determination dates are greater than the downside threshold level, you

will receive the contingent payment of \$0.2625 with respect to each such determination date. Following the eleventh determination date, you receive an early redemption payment of \$10.2625, which includes the contingent quarterly coupon with respect to the eleventh determination date.

In this example, the early redemption feature limits the term of your investment to approximately 33 months and you may not be able to reinvest at comparable terms or returns. If the securities are redeemed early, you will stop receiving contingent payments. Further, although the underlying stock has appreciated by 10.00% from its initial share price on the eleventh determination date, you receive only an early redemption payment of \$10.2625 per security and do not benefit from such appreciation.



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Principal at Risk Securities

Determination Dates	Example 3			Example 4		
	Hypothetical Determination Closing Price (or Final Share Price)	Contingent Quarterly Coupon	Early Redemption Payment	Hypothetical Determination Closing Price (or Final Share Price)	Contingent Quarterly Coupon	Early Redemption Payment
#1	\$62.00	\$0	N/A	\$62.00	\$0	N/A
#2	\$60.00	\$0	N/A	\$60.00	\$0	N/A
#3	\$58.00	\$0	N/A	\$58.00	\$0	N/A
#4	\$56.00	\$0	N/A	\$56.00	\$0	N/A
#5	\$54.00	\$0	N/A	\$54.00	\$0	N/A
#6	\$52.00	\$0	N/A	\$52.00	\$0	N/A
#7	\$50.00	\$0	N/A	\$50.00	\$0	N/A
#8	\$48.00	\$0	N/A	\$48.00	\$0	N/A
#9	\$46.00	\$0	N/A	\$46.00	\$0	N/A
#10	\$44.00	\$0	N/A	\$44.00	\$0	N/A
#11	\$42.00	\$0	N/A	\$42.00	\$0	N/A
Final Determination Date	\$40.00	\$0	N/A	\$81.00	-*	N/A
Payment at Maturity	\$4.00			\$10.2625		

\* The final contingent quarterly coupon, if any, will be paid at maturity.

Examples 3 and 4 illustrate the payment at maturity per security based on the final share price.

In Example 3, the closing price of the underlying stock remains below the downside threshold level on every determination date. As a result, you do not receive any contingent payments during the term of the securities and, at maturity, you are fully exposed to the decline in the closing price of the underlying stock. As the final share price is less than the downside threshold level, your payment at maturity is calculated as follows:

stated principal amount x share performance factor =  $\$10 \times (\$40.00/\$100.00) = \$4.00$

In this example, the amount you receive at maturity is significantly less than the stated principal amount.

In Example 4, the closing price of the underlying stock decreases to a final share price of \$81.00. Although the final share price is less than the redemption threshold level, because the final share price is still not less than the downside threshold level, you receive the stated principal amount plus a contingent quarterly coupon with respect to the final determination date. Your payment at maturity is calculated as follows:

$\$10 + \$0.2625 = \$10.2625$

In this example, although the final share price represents a 19.00% decline from the initial share price, you receive the stated principal amount per security plus the final contingent quarterly coupon, equal to a total payment of \$10.2625 per security at maturity, because the final share price is not less than the downside threshold level.

Contingent Income Auto-Callable Securities due November 16, 2020

With the Coupon and Payment at Maturity Subject to the Performance of the Common Stock of Palo Alto Networks, Inc.

Principal at Risk Securities

Risk Factors

The following is a non-exhaustive list of certain key risk factors for investors in the securities. For further discussion of these and other risks, you should read the section entitled "Risk Factors" in the accompanying prospectus supplement and prospectus. You should also consult your investment, legal, tax, accounting and other advisers in connection with your investment in the securities.

The securities do not guarantee the return of any principal. The terms of the securities differ from those of ordinary debt securities in that the securities do not guarantee the payment of regular interest or the return of any of the principal amount at maturity. Instead, if the securities have not been automatically redeemed prior to maturity and if the final share price is less than the downside threshold level, you will be exposed to the decline in the closing price of the underlying stock, as compared to the initial share price, on a 1 to 1 basis and you will receive for each security that you hold at maturity an amount equal to the stated principal amount times the share performance factor. In this case, the payment at maturity will be less than 75% of the stated principal amount and could be zero.

The potential contingent repayment of principal represented by the downside threshold level applies only at maturity. You should be willing to hold the securities until maturity. Additionally, if the securities are not redeemed, at maturity, you will receive the stated principal amount (plus the contingent quarterly coupon with respect to the final determination date) only if the final share price is gr 2px; BORDER-RIGHT-WIDTH: 0px; BORDER-BOTTOM-WIDTH: 0px; COLOR: #000000; CLEAR: both; MARGIN: 4px 0px; § BORDER-TOP-WIDTH: 0px; WIDTH: 100%; BACKGROUND-COLOR: #000000" noshade="noshade">

Buffered Enhanced Return Notes

Linked to the iShares® MSCI EAFE  
ETF, Due April 30, 2020

Minimum Length of Trading Requirement: this investability screen is applied at the individual security level. For an initial public offering ("IPO") to be eligible for inclusion in a market investable equity universe, the new issue must have started trading at least three months before the implementation of a semi-annual index review (as described below). This requirement is applicable to small new issues in all markets. Large IPOs are not subject to the minimum length of trading requirement and may be included in a market investable equity universe and the Standard Index outside of a Quarterly or Semi-Annual Index Review.

Minimum Foreign Room Requirement: this investability screen is applied at the individual security level.

For a security that is subject to a foreign ownership limit to be eligible for inclusion in a market investable equity universe, the proportion of shares still available to foreign investors relative to the maximum allowed (referred to as "foreign room") must be at least 15%.

Defining Market Capitalization Size Segments for Each Market. Once a market investable equity universe is defined, it is segmented into the following size-based indices:

- Investable Market Index (Large + Mid + Small);
- Standard Index (Large + Mid);
- Large Cap Index;
- Mid Cap Index; or
- Small Cap Index.

Creating the size segment indices in each market involves the following steps:

- defining the market coverage target range for each size segment;
- determining the global minimum size range for each size segment;
- determining the market size segment cutoffs and associated segment number of companies;
- assigning companies to the size segments; and
- applying final size-segment investability requirements.

Index Continuity Rules for the Standard Indices. In order to achieve index continuity, as well as to provide some basic level of diversification within a market index, and notwithstanding the effect of other index construction rules described in this section, a minimum number of five constituents will be maintained for a DM Standard Index and a minimum number of three constituents will be maintained for an EM Standard Index.

Creating Style Indices within Each Size Segment. All securities in the investable equity universe are classified into value or growth segments using the MSCI Global Value and Growth methodology.

Classifying Securities under the Global Industry Classification Standard. All securities in the global investable equity universe are assigned to the industry that best describes their business activities. To this end, MSCI has designed, in conjunction with S&P Dow Jones Indexes, the GICS. Under the GICS, each company is assigned to one sub-industry according to its principal business activity. Therefore, a company can belong to only one industry grouping at each of the four levels of the GICS.

#### Index Maintenance

The MSCI Global Investable Market Indices are maintained with the objective of reflecting the evolution of the underlying equity markets and segments on a timely basis, while seeking to achieve index continuity, continuous investability of constituents and replicability of the indices, index stability and low index turnover. In particular, index maintenance involves:

(i) Semi-Annual Index Reviews (“SAIRs”) in May and November of the Size Segment and Global Value and Growth Indices which include:

- updating the indices on the basis of a fully refreshed equity universe;
- taking buffer rules into consideration for migration of securities across size and style segments; and
- updating FIFs and Number of Shares (“NOS”).

(ii) Quarterly Index Reviews in February and August of the Size Segment Indices aimed at:

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- including significant new eligible securities (such as IPOs that were not eligible for earlier inclusion) in the index;
  - allowing for significant moves of companies within the Size Segment Indices, using wider buffers than in the SAIR;
  - and
  - reflecting the impact of significant market events on FIFs and updating NOS.
- (iii) Ongoing Event–Related Changes: changes of this type are generally implemented in the indices as they occur. Significantly large IPOs are included in the indices after the close of the company’s tenth day of trading. None of us, RBCCM or any of our other affiliates accepts any responsibility for the calculation, maintenance, or publication of, or for any error, omission, or disruption in, the index or any successor to the index.

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Historical Information

The graph below sets forth the information relating to the historical performance of the Reference Asset. In addition, below the graph is a table setting forth the intra-day high, intra-day low and period-end closing share prices of the Reference Asset. The information provided in this table is for the period from January 1, 2014 through April 11, 2018. We obtained the information regarding the historical performance of the Reference Asset in the chart below from Bloomberg Financial Markets.

We have not independently verified the accuracy or completeness of the information obtained from Bloomberg Financial Markets. 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. iShares® MSCI EAFE ETF (“EFA”)

Period-Start Date	Period-End Date	High Intra-Day Share Price of the Reference Asset (in \$)	Low Intra-Day Share Price of the Reference Asset (in \$)	Period-End Closing Share Price of the Reference Asset (in \$)
1/1/2014	3/31/2014	68.19	62.28	67.17
4/1/2014	6/30/2014	70.78	65.69	68.37
7/1/2014	9/30/2014	69.29	63.85	64.12
10/1/2014	12/31/2014	64.54	58.64	60.84
1/1/2015	3/31/2015	66.20	58.29	64.17
4/1/2015	6/30/2015	68.52	63.27	63.49
7/1/2015	9/30/2015	65.60	55.89	57.32
10/1/2015	12/31/2015	62.18	56.99	58.75
1/1/2016	3/31/2016	58.06	50.94	57.13
4/1/2016	6/30/2016	60.16	51.94	55.81
7/1/2016	9/30/2016	60.15	53.77	59.13
10/1/2016	12/31/2016	59.35	56.11	57.73
1/1/2017	3/31/2017	62.65	57.85	62.29
4/1/2017	6/30/2017	67.24	61.35	65.20
7/1/2017	9/30/2017	68.68	64.56	68.48
10/1/2017	12/31/2017	70.96	68.14	70.31
1/1/2018	3/31/2018	\$75.27	\$66.90	\$69.68
4/1/2018	4/11/2018	\$70.89	\$68.25	\$70.45

PAST PERFORMANCE IS NOT INDICATIVE OF FUTURE RESULTS.

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Buffered Enhanced Return Notes  
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#### SUPPLEMENTAL DISCUSSION OF U.S. FEDERAL INCOME TAX CONSEQUENCES

The following disclosure supplements, and to the extent inconsistent supersedes, the discussion in the product prospectus supplement dated January 11, 2016 under “Supplemental Discussion of U.S. Federal Income Tax Consequences.” The discussions below and in the accompanying product prospectus supplement do not address the tax consequences applicable to holders subject to Section 451(b) of the Code.

Under Section 871(m) of the Code, a “dividend equivalent” payment is treated as a dividend from sources within the United States. Such payments generally would be subject to a 30% U.S. withholding tax if paid to a non-U.S. holder. Under U.S. Treasury Department regulations, payments (including deemed payments) with respect to equity-linked instruments (“ELIs”) that are “specified ELIs” may be treated as dividend equivalents if such specified ELIs reference an interest in an “underlying security,” which is generally any interest in an entity taxable as a corporation for U.S. federal income tax purposes if a payment with respect to such interest could give rise to a U.S. source dividend. However, the IRS has issued guidance that states that the U.S. Treasury Department and the IRS intend to amend the effective dates of the U.S. Treasury Department regulations to provide that withholding on dividend equivalent payments will not apply to specified ELIs that are not delta-one instruments and that are issued before January 1, 2019. Based on our determination that the Notes are not delta-one instruments, non-U.S. holders should not be subject to withholding on dividend equivalent payments, if any, under the Notes. However, it is possible that the Notes could be treated as deemed reissued for U.S. federal income tax purposes upon the occurrence of certain events affecting the Reference Asset or the Notes, and following such occurrence the Notes could be treated as subject to withholding on dividend equivalent payments. Non-U.S. holders that enter, or have entered, into other transactions in respect of the Reference Asset or the Notes should consult their tax advisors as to the application of the dividend equivalent withholding tax in the context of the Notes and their other transactions. If any payments are treated as dividend equivalents subject to withholding, we (or the applicable withholding agent) would be entitled to withhold taxes without being required to pay any additional amounts with respect to amounts so withheld.

#### SUPPLEMENTAL PLAN OF DISTRIBUTION (CONFLICTS OF INTEREST)

We expect that delivery of the Notes will be made against payment for the Notes on or about April 30, 2018, which is the third (3rd) business day following the Pricing Date (this settlement cycle being referred to as “T+3”). See “Plan of Distribution” in the prospectus dated January 8, 2016. For additional information as to the relationship between us and RBCCM, please see the section “Plan of Distribution—Conflicts of Interest” in the prospectus dated January 8, 2016. We expect to deliver the Notes on a date that is greater than two business days following the trade date. 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. Accordingly, purchasers who wish to trade the Notes more than two business days prior to the original Issue Date will be required to specify alternative settlement arrangements to prevent a failed settlement.

The value of the Notes shown on your account statement may be based on RBCCM’s estimate of the value of the Notes if RBCCM or another of our 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 RBCCM may pay for the Notes in light of then prevailing market conditions, our creditworthiness and transaction costs. For a period of approximately three months after the issue date of the Notes, the value of the Notes that may be shown on your account statement may be higher than RBCCM’s estimated value of the Notes at that time. This is because the estimated value of the Notes will not include our hedging costs and profits; however, the value of the Notes shown on your account statement during that period may initially be a higher amount, reflecting the addition of our estimated costs and profits from hedging the Notes. This excess is expected to decrease over time until the end of this period. After this period, if RBCCM repurchases your Notes, it expects to do so at prices that reflect their estimated value.

We may use this terms supplement in the initial sale of the Notes. In addition, RBCCM or another of our affiliates may use this terms supplement in a market-making transaction in the Notes after their initial sale. Unless we or our agent informs the purchaser otherwise in the confirmation of sale, this terms supplement is being used in a market-making transaction.

No Prospectus (as defined in Directive 2003/71/EC, as amended (the "Prospectus Directive")) will be prepared in connection with these Notes. Accordingly, these Notes may not be offered to the public in any member state of the European Economic Area (the "EEA"), and any purchaser of these Notes who subsequently sells any of these Notes in any EEA member state must do so only in accordance with the requirements of the Prospectus Directive, as implemented in that member state.

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 EEA. For these purposes, the expression "offer" includes the communication in any form and by any means of sufficient information on the terms of the offer and the Notes to be offered so as to enable an investor to decide to

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Buffered Enhanced Return Notes  
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ETF, Due April 30, 2020

purchase or subscribe the Notes, and a “retail investor” means a person who is one (or more) of: (a) a retail client, as defined in point (11) of Article 4(1) of Directive 2014/65/EU, as amended (“MiFID II”); or (b) a customer, within the meaning of Insurance Distribution Directive 2016/97/EU, 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 (c) not a qualified investor as defined in the Prospectus Directive. 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.

#### STRUCTURING THE NOTES

The Notes are our debt securities, the return on which is linked to the performance of the Reference Asset. As is the case for all of our debt securities, including our structured notes, the economic terms of the Notes reflect our actual or perceived creditworthiness at the time of pricing. In addition, because structured notes result in increased operational, funding and liability management costs to us, we typically borrow the funds under these Notes at a rate that is more favorable to us than the rate that we might pay for a conventional fixed or floating rate debt security of comparable maturity. Using this relatively lower implied borrowing rate rather than the secondary market rate, is a factor that is likely to reduce the initial estimated value of the Notes at the time their terms are set. Unlike the estimated value included in this terms supplement or in the final pricing supplement, any value of the Notes determined for purposes of a secondary market transaction may be based on a different funding rate, which may result in a lower value for the Notes than if our initial internal funding rate were used.

In order to satisfy our payment obligations under the Notes, we may choose to enter into certain hedging arrangements (which may include call options, put options or other derivatives) on the issue date with RBCCM or one of our other subsidiaries. The terms of these hedging arrangements take into account a number of factors, including our creditworthiness, interest rate movements, the volatility of the Reference Asset, and the tenor of the Notes. The economic terms of the Notes and their initial estimated value depend in part on the terms of these hedging arrangements.

The lower implied borrowing rate is a factor that reduces the economic terms of the Notes to you. The initial offering price of the Notes also reflects our estimated hedging costs. These factors result in the initial estimated value for the Notes on the Pricing Date being less than their public offering price. See “Selected Risk Considerations—The Initial Estimated Value of the Notes Will Be Less than the Price to the Public” above.

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