ROYAL BANK OF CANADA
Form 424B2
October 24, 2017

PRICING SUPPLEMENT
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Registration Statement No. 333-208507
Dated October 20, 2017
Royal Bank of Canada Trigger Callable Contingent Yield Notes (Daily Coupon Observation)
$3,041,000 Notes Linked to the Least Performing Underlying of the S&P 500® Index, the EURO STOXX 50® Index and the Russell 2000® Index due on April 24, 2020

Investment Description

Trigger Callable Contingent Yield Notes (the "Notes") are unsecured and unsubordinated debt securities issued by Royal Bank of Canada linked to the performance of the least performing underlying of the S&P 500® Index, the EURO STOXX 50® Index, and the Russell 2000® Index (each an "underlying index" and together the "underlying indices"). If the closing level of each underlying index is equal to or greater than its coupon barrier on each trading day during a Quarterly Observation Period, we will make a contingent coupon payment with respect to that period. If the closing level of any underlying index is less than its coupon barrier on any trading day during a Quarterly Observation Period, no contingent coupon payment will be made. We may, at our election, call the Notes early on any Quarterly Observation End Date (other than the final valuation date) regardless of the closing level of any of the underlying indices on that day. If we elect to call the Notes prior to maturity, we will pay the principal amount plus any contingent coupon for the Quarterly Observation Period ending on the applicable Quarterly Observation End Date, and no further amounts will be owed to you. If we do not elect to call the Notes prior to maturity and the ending levels of each of the underlying indices are equal to or greater than their respective trigger level (which is the same level as their coupon barrier), we will make a cash payment at maturity equal to the principal amount of your Notes, in addition to any contingent coupon for the final Quarterly Observation Period. If we do not elect to call the Notes prior to maturity and the closing level of any of the underlying indices is less than its trigger level, we will pay you less than the full principal amount, if anything, at maturity, resulting in a loss of your principal amount that is proportionate to the decline in the closing level of the underlying index with the largest percentage decrease between its initial level and final level (the "least performing underlying index").
Investing in the Notes involves significant risks. You may lose some or all of your principal amount at maturity. You may receive few or no quarterly contingent coupons during the term of the Notes. You will be exposed to the market risk of each underlying index on each trading day of the Quarterly Observation Periods and on the final valuation date and any decline in the level of one underlying index may negatively affect your return and will not be offset or mitigated by a lesser decline or any potential increase in the level of the other underlying indices. Generally, a higher contingent coupon rate is associated with a greater risk of loss. The contingent repayment of principal applies only if you hold the Notes to maturity. Any payment on the Notes, including any repayment of principal, is subject to our creditworthiness. If we were to default on our payment obligations, you may not receive any amounts owed to you under the Notes and you could lose your entire investment. The Notes will not be listed on any securities exchange.

Features Key Dates[1]

q Contingent Coupon — If the closing level of each underlying index is equal to or greater than its coupon barrier on each trading day during a Quarterly Observation Period, we will make a contingent coupon payment with respect to that period. We will not pay you the contingent coupon for any Quarterly Observation Period in which the closing level of any underlying index on any day during that period is less than its coupon barrier.

q Issuer Callable — We may, at our election, call the Notes on any Quarterly Observation End Date (other than the final valuation date), regardless of the closing level of any underlying index on that Quarterly Observation End Date, and pay you the principal amount plus any contingent coupon otherwise due for the Quarterly Observation Period ending on that Quarterly Observation End Date. If the Notes are called, no further payments will be made after the Call Settlement Date.

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Contingent Repayment of Principal at Maturity— If by maturity the Notes have not been called and each underlying index closes at or above its trigger level on the final valuation date, we will pay you the principal amount per Note at maturity, in addition to any contingent coupon with respect to the final Quarterly Observation Period. If any underlying index closes below its trigger level on the final valuation date, we will repay less than the principal amount, if anything, at maturity, resulting in a loss on your principal amount that is proportionate to the decline in the closing level of the least performing underlying index from its initial level to its final level. The contingent repayment of principal applies only if you hold the Notes until maturity. Any payment on the Notes, including any repayment of principal, is subject to our creditworthiness.

Trade Date	October 20, 2017
Settlement Date	October 25, 2017
Observation Periods	Quarterly (see page 5)
Final Valuation Date[1]	April 20, 2020
Maturity Date[1]	April 24, 2020

[1] Subject to postponement if a market disruption event occurs as described under "General Terms of the Notes — Payment at Maturity" below.

NOTICE TO INVESTORS: THE NOTES ARE SIGNIFICANTLY RISKIER THAN CONVENTIONAL DEBT INSTRUMENTS. WE ARE NOT NECESSARILY OBLIGATED TO REPAY THE FULL PRINCIPAL AMOUNT OF THE NOTES AT MATURITY, AND THE NOTES CAN HAVE DOWNSIDE MARKET RISK SIMILAR TO THE LEAST PERFORMING UNDERLYING INDEX. THIS MARKET RISK IS IN ADDITION TO THE CREDIT RISK INHERENT IN PURCHASING A DEBT OBLIGATION OF ROYAL BANK OF CANADA. YOU SHOULD NOT PURCHASE THE NOTES IF YOU DO NOT UNDERSTAND OR ARE NOT COMFORTABLE WITH THE SIGNIFICANT RISKS INVOLVED IN INVESTING IN THE NOTES.

YOU SHOULD CAREFULLY CONSIDER THE RISKS DESCRIBED UNDER ''KEY RISKS'' BEGINNING ON PAGE 6 OF THIS PRICING SUPPLEMENT AND UNDER ''RISK FACTORS'' BEGINNING ON PAGE S-1 OF THE PROSPECTUS SUPPLEMENT BEFORE PURCHASING ANY NOTES. EVENTS RELATING TO ANY OF THOSE RISKS, OR OTHER RISKS AND UNCERTAINTIES, COULD ADVERSELY AFFECT THE MARKET VALUE OF, AND THE RETURN ON, YOUR NOTES. YOU MAY LOSE SOME OR ALL OF THE PRINCIPAL AMOUNT OF THE NOTES.

Note Offering

This pricing supplement relates to Trigger Callable Contingent Yield Notes we are offering. The Notes are linked to the least performing underlying between the S&P 500® Index, the EURO STOXX 50® Index and the Russell 2000® Index. The Notes are offered at a minimum investment of 100 Notes at $10.00 per Note (representing a $1,000 investment), and integral multiples of $10.00 in excess thereof.

Underlying Indices	Tickers	Contingent Coupon Rate	Initial Levels	Trigger Levels	Coupon Barriers	CUSIP	ISIN
S&P 500® Index (SPX)	SPX	8.40% per annum	2,575.21	1,802.65, which is 70% of the initial level (rounded to two decimal places)	1,802.65, which is 70% of the initial level (rounded to two decimal places)	78013F511	US78013F5118
EURO STOXX 50® Index (SX5E)	SX5E		3,605.09	2,523.56, which is 70% of the initial level (rounded to two decimal places)	2,523.56, which is 70% of the initial level (rounded to two decimal places)		
Russell 2000® Index (RTY)	RTY		1,509.247	1,056.473, which is 70% of the initial level (rounded to three decimal places)	1,056.473, which is 70% of the initial level (rounded to three decimal places)		

See "Additional Information About Royal Bank of Canada and the Notes" in this pricing supplement. The Notes will have the terms specified in the prospectus dated January 8, 2016, the prospectus supplement dated January 8, 2016 and this pricing supplement.

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

	Price to Public		Fees and Commissions(1)		Proceeds to Us	
Offering of the Notes	Total	Per Note	Total	Per Note	Total	Per Note
Notes linked to the Least Performing Underlying of the S&P 500® Index, the EURO STOXX 50® Index and the Russell 2000® Index	$3,041,000.00	$10.00	$38,012.50	$0.125	$3,002,987.50	$9.875

(1) UBS Financial Services Inc., which we refer to as UBS, will receive a commission of $0.125 per $10 principal amount of the Notes. See “Supplemental Plan of Distribution (Conflicts of Interest)” on page 30 of this pricing supplement.

The initial estimated value of the Notes as of the date of this document is $9.6655 per $10 in principal amount, which is less than the price to public. The actual value of the Notes at any time will reflect many factors, cannot be predicted with accuracy, and may be less than this amount. We describe our determination of the initial estimated value under “Key Risks” beginning on page 6, “Supplemental Plan of Distribution (Conflicts of Interest)” on page 37 and “Structuring the Notes” beginning on page 37 of this pricing supplement.

The Notes will not constitute deposits insured under the Canada Deposit Insurance Corporation Act or by the United States Federal Deposit Insurance Corporation or any other Canadian or United States government agency or instrumentality.

UBS Financial Services Inc. RBC Capital Markets, LLC

Additional Information About Royal Bank of Canada and the Notes

You should read this pricing supplement together with the prospectus dated January 8, 2016, as supplemented by the prospectus supplement dated January 8, 2016, relating to our senior global medium-term notes, Series G, of which these Notes are a part. This pricing supplement, together with the documents listed below, contains the terms of the Notes and supersedes all other prior or contemporaneous oral statements as well as any other written materials including preliminary or indicative pricing terms, correspondence, trade ideas, structures for implementation, sample structures, fact sheets, brochures or other educational materials of ours. You should carefully consider, among other things, the matters set forth in "Key Risks" below, as the Notes involve risks not associated with conventional debt securities.

If the terms of the prospectus and prospectus supplement are inconsistent with the terms discussed herein, the terms discussed in this pricing supplement will control.

You may access these on the SEC website at www.sec.gov as follows (or if such address has changed, by reviewing our filing for the relevant date on the SEC website):

¨Prospectus supplement dated January 8, 2016:
http://www.sec.gov/Archives/edgar/data/1000275/000121465916008811/p14150424b3.htm

¨Prospectus dated January 8, 2016:
http://www.sec.gov/Archives/edgar/data/1000275/000121465916008810/j18160424b3.htm

As used in this pricing supplement, "we," "us" or "our" refers to Royal Bank of Canada.

Investor Suitability

The Notes may be suitable for you if, among other considerations:

- You fully understand the risks inherent in an investment in the Notes, including the risk of loss of your entire initial investment.
- You can tolerate a loss of all or a substantial portion of your investment and are willing to make an investment that may have the same downside market risk as the least performing underlying index.
- You accept that you may not receive a contingent coupon payment on some or all of the coupon payment dates.
- You are willing to make an investment whose return is limited to the applicable contingent coupon payments, regardless of any potential appreciation of the underlying indices, which could be significant.
- You do not seek guaranteed current income from this investment and are willing to forgo the dividends paid on the equity securities composing the underlying indices.
- You can tolerate fluctuations in the price of the Notes prior to maturity that may be similar to or exceed the downside fluctuations of the underlying indices.
- You are willing to invest in Notes for which there may be little or no secondary market and you accept that the secondary market will depend in large part on the price, if any, at which RBC Capital Markets, LLC, which we refer to as "RBCCM," is willing to purchase the Notes.
- You are willing to invest in the Notes based on the contingent coupon rate set forth on the cover page.
- You are willing to accept individual exposure to each underlying index on each trading day of the Quarterly Observation Periods and on the final valuation date and understand that the performance of the least performing underlying index will not be offset or mitigated by the performance of the other underlying indices.
- You understand and accept the risks and characteristics associated with the underlying indices.
- You are willing to invest in notes that may be called early at our election and you are otherwise willing to hold such securities to maturity.
- You are willing to assume our credit risk for all payments under the Notes, and understand that if we default on our obligations, you may not receive any amounts due to you, including any repayment of principal.

The Notes may not be suitable for you if, among other considerations:

- You do not fully understand the risks inherent in an investment in the Notes, including the risk of loss of your entire initial investment.
- You cannot tolerate a loss on your investment and require an investment designed to provide a full return of principal at maturity.
- You do not accept that you may not receive a contingent coupon payment on some or all of the coupon payment dates.
- You are not willing to make an investment that may have the same downside market risk as the least performing underlying index.
- You believe that the levels of any underlying index will decline during the term of the Notes and is likely to close below its coupon barrier during the Quarterly Coupon Observation Periods and below its trigger level on the final valuation date.
- You seek an investment that participates in the full appreciation in the levels of the underlying indices or that has unlimited return potential.
- You cannot tolerate fluctuations in the price of the Notes prior to maturity that may be similar to or exceed the downside fluctuations of the least performing underlying index.
- You are unwilling to invest in the Notes based on the contingent coupon rate set forth on the cover page.
- You are unwilling to accept individual exposure to each underlying index on each trading day of the Quarterly Observation Periods and on the final valuation date or do not understand that the performance of the least performing underlying index will not be offset or mitigated by the performance of the other underlying indices.
- You seek guaranteed current income from this investment or prefer to receive the dividends paid on the securities composing the underlying indices.
- You do not understand or accept the risks or characteristics associated with the underlying indices.
- You are unable or unwilling to hold notes that may be called early at our election, or you are otherwise unable or unwilling to hold such securities to maturity, or you seek an investment for which there will be an active secondary

market for the Notes.

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