

ROYAL BANK OF CANADA  
 Form FWP  
 October 10, 2018

RBC Capital Markets® Filed Pursuant to Rule 433  
 Registration Statement No. 333-227001

The information in this preliminary terms supplement is not complete and may be changed.

Preliminary Terms

Supplement

Subject to Completion:

Dated October 10, 2018

Pricing Supplement \$ \_\_\_\_\_

Dated October \_\_\_\_, 2018 Notes Linked to the EURO STOXX 50® Index,

to the Due November 2, 2022

Product Prospectus Royal Bank of Canada

Supplement ERN-EI-1,

Prospectus Supplement

and Prospectus, Each

Dated September 7, 2018

Royal Bank of Canada is offering the notes (the “Notes”) linked to the performance of the EURO STOXX 50 Index (the “Reference Asset”).

The CUSIP number for the Notes is 78013XM62. The Notes do not pay interest. The Notes provide a [154% - 164%] (to be determined on the Pricing Date) leveraged positive return if the level of the Reference Asset increases from the Initial Level to the Final Level. If the Final Level of the Reference Asset is equal to or less than the Initial Level, the investor will receive the principal amount at maturity, and no additional payment. Any payments on the Notes are subject to our credit risk.

Issue Date: October 31, 2018

Maturity Date: November 2, 2022

The Notes will not be listed on any securities exchange.

Investing in the Notes involves a number of risks. See “Risk Factors” beginning on page S-1 of the prospectus supplement dated September 7, 2018, “Additional Risk Factors Specific to the Notes” beginning on page PS-4 of the product prospectus supplement dated September 7, 2018, and “Selected Risk Considerations” beginning on page P-6 of this terms supplement.

The Notes will not constitute deposits insured by the Canada Deposit Insurance Corporation, the U.S. Federal Deposit Insurance Corporation or any other Canadian or U.S. government agency or instrumentality. The Notes are not subject to conversion into our common shares under subsection 39.2(2.3) of the Canada Deposit Insurance Corporation Act. Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined that this terms supplement is truthful or complete. Any representation to the contrary is a criminal offense.

	Per Note	Total
Price to public	100.00%	\$
Underwriting discounts and commissions	0.25%	\$
Proceeds to Royal Bank of Canada	99.75%	\$

The initial estimated value of the Notes as of the date of this terms supplement is \$971.59 per \$1,000 in principal amount, which is less than the price to public. The final pricing supplement relating to the Notes will set forth our estimate of the initial value of the Notes as of the Pricing Date, which will not be less than \$951.59 per \$1,000 in

principal amount. 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 in more detail below.

If the Notes priced on the date of this terms supplement, RBC Capital Markets, LLC, which we refer to as RBCCM, acting as agent for Royal Bank of Canada, would receive a commission of approximately \$2.50 per \$1,000 in principal amount of the Notes and would use a portion of that commission to allow selling concessions to other dealers of up to approximately \$2.50 per \$1,000 in principal amount of the Notes. The other dealers may forgo, in their sole discretion, some or all of their selling concessions. See “Supplemental Plan of Distribution (Conflicts of Interest)” below.

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Notes Linked to the EURO STOXX 50<sup>®</sup> Index

SUMMARY

The information in this “Summary” section is qualified by the more detailed information set forth in this terms supplement, the product prospectus supplement, the prospectus supplement, and the prospectus.

Issuer: Royal Bank of Canada (“Royal Bank”)  
Issue: Senior Global Medium-Term Notes, Series H  
Underwriter: RBC Capital Markets, LLC (“RBCCM”)  
Reference Asset: EURO STOXX 50<sup>®</sup> Index  
Bloomberg Ticker: SX5E  
Currency: U.S. Dollars  
Minimum Investment: \$1,000 and minimum denominations of \$1,000 in excess thereof  
Pricing Date: October 29, 2018  
Issue Date: October 31, 2018  
CUSIP: 78013XM62  
Valuation Date: October 31, 2022  
Maturity Date: November 2, 2022, subject to extension for market and other disruptions, as described in the product prospectus supplement dated September 7, 2018.  
If, on the Valuation Date, the Percentage Change is positive, then the investor will receive an amount per \$1,000 principal amount per Note equal to:  
Payment at Maturity (if held to maturity): Principal Amount + (Principal Amount x Percentage Change x Leverage Factor)  
If, on the Valuation Date, the Percentage Change is less than or equal to 0%, then the investor will receive the principal amount only.  
Percentage Change: The Percentage Change, expressed as a percentage, is calculated using the following formula:  
Initial Level: The closing level of the Reference Asset on the Pricing Date.  
Final Level: The closing level of the Reference Asset on the Valuation Date.  
Leverage Factor: [154% - 164%] (to be determined on the Pricing Date)  
Calculation Agent: RBCCM

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Notes Linked to the EURO STOXX 50® Index

U.S. Tax Treatment:	We intend to take the position that the Notes will be treated as debt instruments subject to the special tax rules governing contingent payment debt instruments for U.S. federal income tax purposes. Please see the section below, “Supplemental Discussion of U.S. Federal Income Tax Consequences” which applies to the Notes.
Secondary Market:	RBCCM (or one of its affiliates), though not obligated to do so, may maintain a secondary market in the Notes after the Issue Date. The amount that you may receive upon sale of your Notes prior to maturity may be less than the principal amount of your Notes.
Listing:	The Notes will not be listed on any securities exchange.
Clearance and Settlement:	DTC global (including through its indirect participants Euroclear and Clearstream, Luxembourg as described under “Description of Debt Securities—Ownership and Book-Entry Issuance” in the prospectus dated September 7, 2018).
Terms Incorporated in the Master Note:	All of the terms appearing above the item captioned “Secondary Market” on pages P-2 and P-3 of this terms supplement and the terms appearing under the caption “General Terms of the Notes” in the product prospectus supplement dated September 7, 2018, as modified by this terms supplement.

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Notes Linked to the EURO STOXX 50® Index

#### ADDITIONAL TERMS OF YOUR NOTES

You should read this terms supplement together with the prospectus dated September 7, 2018, as supplemented by the prospectus supplement dated September 7, 2018 and the product prospectus supplement dated September 7, 2018, relating to our Senior Global Medium-Term Notes, Series H, of which these Notes are a part. Capitalized terms used but not defined in this terms supplement will have the meanings given to them in the product prospectus supplement. In the event of any conflict, this terms supplement will control. The Notes vary from the terms described in the product prospectus supplement in several important ways. You should read this terms supplement carefully.

This terms supplement, together with the documents listed below, contains the terms of the Notes and supersedes all prior or contemporaneous oral statements as well as any other written materials including preliminary or indicative pricing terms, correspondence, trade ideas, structures for implementation, sample structures, brochures or other educational materials of ours. You should carefully consider, among other things, the matters set forth in “Risk Factors” in the prospectus supplement dated September 7, 2018 and “Additional Risk Factors Specific to the Notes” in the product prospectus supplement dated September 7, 2018, as the Notes involve risks not associated with conventional debt securities. We urge you to consult your investment, legal, tax, accounting and other advisors before you invest in the Notes. You may access these documents on the Securities and Exchange Commission (the “SEC”) website at [www.sec.gov](http://www.sec.gov) as follows (or if that address has changed, by reviewing our filings for the relevant date on the SEC website):

Prospectus dated September 7, 2018:

<https://www.sec.gov/Archives/edgar/data/1000275/000121465918005973/196181424b3.htm>

Prospectus Supplement dated September 7, 2018:

<https://www.sec.gov/Archives/edgar/data/1000275/000121465918005975/f97180424b3.htm>

Product Prospectus Supplement ERN-EI-1 dated September 7, 2018:

<https://www.sec.gov/Archives/edgar/data/1000275/000114036118038044/form424b5.htm>

Our Central Index Key, or CIK, on the SEC website is 1000275. As used in this terms supplement, “we,” “us,” or “our” refers to Royal Bank of Canada.

Royal Bank of Canada has filed a registration statement (including a product prospectus supplement, a prospectus supplement, and a prospectus) with the SEC for the offering to which this terms supplement relates. Before you invest, you should read those documents and the other documents relating to this offering that we have filed with the SEC for more complete information about us and this offering. You may obtain these documents without cost by visiting EDGAR on the SEC website at [www.sec.gov](http://www.sec.gov). Alternatively, Royal Bank of Canada, any agent or any dealer participating in this offering will arrange to send you the product prospectus supplement, the prospectus supplement and the prospectus if you so request by calling toll-free at 1-877-688-2301.

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Notes Linked to the EURO STOXX 50® Index

#### HYPOTHETICAL RETURNS

The examples set out below are included for illustration purposes only. The hypothetical Percentage Changes of the Reference Asset used to illustrate the calculation of the Payment at Maturity (rounded to two decimal places) are not estimates or forecasts of the Initial Level, the Final Level or the level of the Reference Asset on any trading day prior to the Maturity Date. All examples assume a hypothetical Leverage Factor of 159% (the midpoint of Leverage Factor range of 154% - 164%), that a holder purchased Notes with an aggregate principal amount of \$1,000 and that no market disruption event occurs on the Valuation Date.

Example 1 — Calculation of the Payment at Maturity where the Percentage Change is negative.

Percentage Change: -10%

Payment at Maturity: In this case, even though the Percentage Change is negative, you will receive the principal amount of your Notes at maturity.

In this case, on a \$1,000 investment, a -10% Percentage Change results in a Payment at Maturity of \$1,000.00, a 0.00% return on the Notes.

Example 2 — Calculation of the Payment at Maturity where the Percentage Change is positive.

Percentage Change: 10%

Payment at Maturity:  $\$1,000 + (\$1,000 \times 10\% \times 159\%) = \$1,000 + \$159.00 = \$1,159.00$

On a \$1,000 investment, a 10% Percentage Change results in a Payment at Maturity of \$1,159.00, a 15.90% return on the Notes.

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Notes Linked to the EURO STOXX 50® Index

SELECTED RISK CONSIDERATIONS

An investment in the Notes involves significant risks. Investing in the Notes is not equivalent to investing directly in the Reference Asset. These risks are explained in more detail in the section “Additional Risk Factors Specific to the Notes,” beginning on page PS-4 of the product prospectus supplement. In addition to the risks described in the prospectus supplement and the product prospectus supplement, you should consider the following:

**You May Not Earn a Return on Your Investment** – The payment you will receive at maturity will depend on whether the level of the Reference Asset increases from the Initial Level to the Final Level. If the level of the Reference Asset decreases from the Initial Level to the Final Level (or if the level of the Reference Asset is unchanged), you will not receive any positive return on the Notes and you will only receive the principal amount.

**The Notes Do Not Pay Interest and Your Return May Be Lower than the Return on a Conventional Debt Security of Comparable Maturity** – There will be no periodic interest payments on the Notes as there would be on a conventional fixed-rate or floating-rate debt security having the same maturity. The return that you will receive on the Notes, which could be zero, may be less than the return you could earn on other investments. Even if your return is positive, your return may be less than the return you would earn if you bought a conventional senior interest bearing debt security of Royal Bank. As a result, your investment in the Notes may not reflect the full opportunity cost to you when you consider factors, such as inflation, that affect the time value of money.

**Payments on the Notes Are Subject to Our Credit Risk, and Changes in Our Credit Ratings Are Expected to Affect the Market Value of the Notes** – The Notes are Royal Bank’s senior unsecured debt securities. As a result, your receipt of the amount due on the maturity date is dependent upon Royal Bank’s ability to repay its obligations at that time. This will be the case even if the level of the Reference Asset increases after the Pricing Date. No assurance can be given as to what our financial condition will be at the maturity of the Notes.

**There May Not Be an Active Trading Market for the Notes—Sales in the Secondary Market May Result in Significant Losses** – There may be little or no secondary market for the Notes. The Notes will not be listed on any securities exchange. RBCCM and other affiliates of Royal Bank may make a market for the Notes; however, they are not required to do so. RBCCM or any other affiliate of Royal Bank may stop any market-making activities at any time. Even if a secondary market for the Notes develops, it may not provide significant liquidity or trade at prices advantageous to you. We expect that transaction costs in any secondary market would be high. As a result, the difference between bid and asked prices for your Notes in any secondary market could be substantial. The stated payment by Royal Bank, including the potential repayment of principal, only applies if you hold the Notes to maturity. Sales prior to maturity could result in a loss on your investment.

**You Will Not Have Any Rights to the Securities Included in the Reference Asset** – As a holder of the Notes, you will not have voting rights or rights to receive cash dividends or other distributions or other rights that holders of securities included in the Reference Asset would have. The Final Level will not reflect any dividends paid on the securities included in the Reference Asset, and accordingly, any positive return on the Notes may be less than the potential positive return on those securities.

**The Initial Estimated Value of the Notes Will Be Less than the Price to the Public** – The initial estimated value set forth on the cover page and that will be set forth in the final pricing supplement for the Notes does not represent a minimum price at which we, RBCCM or any of our affiliates would be willing to purchase the Notes in any secondary market (if any exists) at any time. If you attempt to sell the Notes prior to maturity, their market value may be lower than the price you paid for them and the initial estimated value. This is due to, among other things, changes in the level of the Reference Asset, the borrowing rate we pay to issue securities of this kind, and the inclusion in the price to the public of the underwriting discount and the estimated costs relating to our hedging of the Notes. These factors, together with various credit, market and economic factors over the term of the Notes, are expected to reduce the price at which you may be able to sell the Notes in any secondary market and will affect the value of the Notes in complex and unpredictable ways. Assuming no change in market conditions or any other relevant factors, the price, if

any, at which you may be able to sell your Notes prior to maturity may be less than your original purchase price, as any such sale price would not be expected to include the underwriting discount and the hedging costs relating to the Notes. In addition to bid-ask spreads, the value of the Notes

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## Notes Linked to the EURO STOXX 50® Index

determined for any secondary market price is expected to be based on the secondary rate rather than the internal funding rate used to price the Notes and determine the initial estimated value. As a result, the secondary price will be less than if the internal funding rate was used. The Notes are not designed to be short-term trading instruments. Accordingly, you should be able and willing to hold your Notes to maturity.

The Initial Estimated Value of the Notes on the Cover Page and that We Will Provide in the Final Pricing Supplement Are Estimates Only, Calculated as of the Time the Terms of the Notes Are Set – The initial estimated value of the Notes will be based on the value of our obligation to make the payments on the Notes, together with the mid-market value of the derivative embedded in the terms of the Notes. See “Structuring the Notes” below. Our estimates are based on a variety of assumptions, including our credit spreads, expectations as to dividends, interest rates and volatility, and the expected term of the Notes. These assumptions are based on certain forecasts about future events, which may prove to be incorrect. Other entities may value the Notes or similar securities at a price that is significantly different than we do.

The value of the Notes at any time after the Pricing Date will vary based on many factors, including changes in market conditions, and cannot be predicted with accuracy. As a result, the actual value you would receive if you sold the Notes in any secondary market, if any, should be expected to differ materially from the initial estimated value of your Notes.

An Investment in the Notes Is Subject to Risks Relating to Non-U.S. Securities Markets – Because foreign companies or foreign equity securities included in the Reference Asset are publicly traded in the applicable foreign countries and are denominated in euros, an investment in the securities involves particular risks. For example, the non-U.S. securities markets may be more volatile than the U.S. securities markets, and market developments may affect these markets differently from the U.S. or other securities markets. Direct or indirect government intervention to stabilize the securities markets outside the U.S., as well as cross-shareholdings in certain companies, may affect trading prices and trading volumes in those markets. Also, the public availability of information concerning the foreign issuers may vary depending on their home jurisdiction and the reporting requirements imposed by their respective regulators. In addition, the foreign issuers may be subject to accounting, auditing and financial reporting standards and requirements that differ from those applicable to U.S. reporting companies.

The securities included in the Reference Asset are issued by companies located within the Eurozone, which is and has been undergoing severe financial stress, and the political, legal and regulatory ramifications are impossible to predict. Changes within the Eurozone could have a material adverse effect on the performance of the Reference Asset and, consequently, on the value of the Notes.

Inconsistent Research – Royal Bank or its affiliates may issue research reports on securities that are, or may become, components of the Reference Asset. We may also publish research from time to time on financial markets and other matters that may influence the levels of the Reference Asset or the value of the Notes, or express opinions or provide recommendations that may be inconsistent with the purchasing or holding the Notes or with the investment view implicit in the Notes or the Reference Asset. You should make your own independent investigation of the merits of investing in the Notes and the Reference Asset.

Market Disruption Events and Adjustments – The payment at maturity and the Valuation Date are subject to adjustment as described in the product prospectus supplement. For a description of what constitutes a market disruption event as well as the consequences of that market disruption event, see “General Terms of the Notes—Market Disruption Events” in the product prospectus supplement.

You Will Be Required to Include Income on the Notes Over Their Term Based Upon a Comparable Yield, Even Though You Will Not Receive Any Payments Until Maturity – The Notes are considered to be issued with original issue discount. You will be required to include income on the Notes over their term based upon a comparable yield, even though you will not receive any payments until maturity. You are urged to review the section entitled “Supplemental Discussion of U.S. Federal Income Tax Consequences” and consult your own tax advisor.

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Notes Linked to the EURO STOXX 50® Index

INFORMATION REGARDING THE REFERENCE ASSET

All disclosures contained in this terms supplement regarding the Reference Asset, 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, STOXX Limited, as the sponsor of the Reference Asset (“STOXX”). STOXX, which owns the copyright and all other rights to the Reference Asset, has no obligation to continue to publish, and may discontinue publication of, the Reference Asset. The consequences of STOXX discontinuing publication of the Reference Asset are discussed in the section of the product prospectus supplement entitled “General Terms of the Notes—Unavailability of the Level of the Reference Asset.” Neither we nor RBCCM accepts any responsibility for the calculation, maintenance or publication of the Reference Asset or any successor index.

The Reference Asset was created by STOXX Limited, a subsidiary of Deutsche Börse AG. Publication of the Reference Asset began in February 1998, based on an initial index level of 1,000 at December 31, 1991.

Composition and Maintenance

The Reference Asset is composed of 50 component stocks of market sector leaders from within the 19 EURO STOXX® Supersector indices, which represent the Eurozone portion of the STOXX Europe 600® Supersector indices. The composition of the Reference Asset is reviewed annually, based on the closing stock data on the last trading day in August. The component stocks are announced on the first trading day in September. Changes to the component stocks are implemented on the third Friday in September and are effective the following trading day. Changes in the composition of the Reference Asset are made to ensure that the Reference Asset includes the 50 market sector leaders from within the Reference Asset.

The free float factors for each component stock used to calculate the Reference Asset, as described below, are reviewed, calculated, and implemented on a quarterly basis and are fixed until the next quarterly review.

The Reference Asset is also reviewed on an ongoing monthly basis. Corporate actions (including initial public offerings, mergers and takeovers, spin-offs, delistings, and bankruptcy) that affect the Reference Asset composition are announced immediately, implemented two trading days later and become effective on the next trading day after implementation.

Calculation of the Reference Asset

The Reference Asset is calculated with the “Laspeyres formula,” which measures the aggregate price changes in the component stocks against a fixed base quantity weight. The formula for calculating the Reference Asset value can be expressed as follows:

$$\text{Reference Asset} = \frac{\text{Free float market capitalization of the Reference Asset}}{\text{Divisor}}$$

The “free float market capitalization of the Reference Asset” is equal to the sum of the products of the price, the number of shares, the free float factor and the weighting cap factor for each component stock as of the time the Reference Asset is being calculated.

The Reference Asset is also subject to a divisor, which is adjusted to maintain the continuity of the Reference Asset values across changes due to corporate actions, such as the deletion and addition of stocks, the substitution of stocks, stock dividends, and stock splits.

Notes Linked to the EURO STOXX 50® Index

License Agreement

We have entered into a non-exclusive license agreement with STOXX providing for the license to us and certain of our affiliated or subsidiary companies, in exchange for a fee, of the right to use indices owned and published by STOXX (including the Reference Asset) in connection with certain securities, including the Notes offered hereby. The license agreement between us and STOXX requires that the following language be stated in this document: STOXX has no relationship to us, other than the licensing of the Reference Asset and the related trademarks for use in connection with the Notes. STOXX does not:

- sponsor, endorse, sell, or promote the Notes;
- recommend that any person invest in the Notes offered hereby or any other securities;
- have any responsibility or liability for or make any decisions about the timing, amount, or pricing of the Notes;
- have any responsibility or liability for the administration, management, or marketing of the Notes; or
- consider the needs of the Notes or the holders of the Notes in determining, composing, or calculating the Reference Asset, or have any obligation to do so.

STOXX will not have any liability in connection with the Notes. Specifically:

- STOXX does not make any warranty, express or implied, and disclaims any and all warranty concerning: the results to be obtained by the Notes, the holders of the Notes or any other person in connection with the use of the Reference Asset and the data included in the Reference Asset;
- the accuracy or completeness of the Reference Asset and its data;
- the merchantability and the fitness for a particular purpose or use of the Reference Asset and its data;
- STOXX will have no liability for any errors, omissions, or interruptions in the Reference Asset or its data; and
- Under no circumstances will STOXX be liable for any lost profits or indirect, punitive, special, or consequential damages or losses, even if STOXX knows that they might occur.

The licensing agreement between us and STOXX is solely for their benefit and our benefit, and not for the benefit of the holders of the Notes or any other third parties.

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Notes Linked to the EURO STOXX 50<sup>®</sup> Index

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 levels of the Reference Asset. The information provided in this table is for the four calendar quarters of 2008 through 2017, the first three quarters of 2018 and for the period from October 1, 2018 through October 3, 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.

EURO STOXX 50<sup>®</sup> Index (“SX5E”)

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## Notes Linked to the EURO STOXX 50® Index

Period Start Date	Period End Date	High Intra-Day Level	Low Intra-Day Level	Period-End Closing Level
1/1/2008	3/31/2008	4,411.59	3,417.25	3,628.06
4/1/2008	6/30/2008	3,900.30	3,298.05	3,352.81
7/1/2008	9/30/2008	3,456.81	2,924.13	3,038.20
10/1/2008	12/31/2008	3,130.25	2,128.29	2,451.48
1/1/2009	3/31/2009	2,608.15	1,765.49	2,071.13
4/1/2009	6/30/2009	2,549.32	2,021.53	2,401.69
7/1/2009	9/30/2009	2,915.71	2,258.60	2,872.63
10/1/2009	12/31/2009	3,001.56	2,693.80	2,966.24
1/1/2010	3/31/2010	3,044.37	2,617.77	2,931.16
4/1/2010	6/30/2010	3,027.14	2,448.10	2,573.32
7/1/2010	9/30/2010	2,849.45	2,502.50	2,747.90
10/1/2010	12/31/2010	2,902.80	2,635.08	2,807.04
1/1/2011	3/31/2011	3,077.24	2,717.74	2,910.91
4/1/2011				