

# **RBC Capital Markets**

### RBC U.S. TEAM RoC Yield Securities

**GLOBAL INVESTMENT SOLUTIONS** 

#### FOR THE INFORMATION OF INVESTORS IN OUTSTANDING RBC U.S. TEAM ROC YIELD SECURITIES ONLY

#### Investment Objective:

The RBC U.S. Tactical Equity Allocation Model (TEAM) RoC Yield Securities are designed to provide investors with "long" exposure to RBC's proprietary 8-factor quantitative model (the "Model"), with the ability to allocate to fixed income investments based on the trend of the S&P 500® Index ("Index"). The goal of this strategy is to be exposed to the shares selected by the Model when the trend is positive for the equity markets and to reduce or eliminate equity exposure as the trend for the equity markets becomes negative.

#### No Canadian Tax Events:

- 1. Until maturity or disposition
- 2. On Portfolio changes or rebalancing
- 3. On quarterly return of capital payments

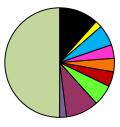
#### Benchmark:

#### S&P 500® Index

#### Asset Class:

#### U.S. equity

#### PORTFOLIO ALLOCATION





■ Consumer Discretionary 4.01%

Consumer Staples 4.01%

Health Care 4 38%

■Financials 6.17%

■Information Technology 9.68%

■Utilities 2.02%

#### ■Fixed Income Investment 50.00%

<sup>1</sup>This Historical Secondary Market Price chart reflects the historical closing secondary market price of RBC U.S. TEAM RoC Yield Securities, Series 1 (the "Series 1") for each day such secondary market was open for trading and the percentage change of the level of the Index since the Issue Date of Series 1 on November 6, 2013. The Series 1 is the initial implementation of the RBC U.S. TEAM RoC Yield Securities strategy. The closing secondary market price of Series 1 on its Issue Date was US\$100.00. For Series 1, an amount equal to US\$96.68 per Debt Security was notionally invested in the Portfolio on the Issue Date. The secondary market price at any particular time is the price at which a holder of RBC U.S. TEAM RoC Yield Securities could dispose of such securities resold using the Fundserv network, excluding any applicable early trading charge. The secondary market price may not be the same as, and may be substantially different from the NAV per Debt Security. The NAV per Debt Security between different series of RBC U.S. TEAM RoC Yield Securities may differ for various reasons including as a result of different levels of Note Program Amounts, applicable early trading charges, the currency in which the series is denominated, any currency hedging and the issue date for a particular series. The difference in NAV per Debi Security between the Debt Securities for different series of RBC U.S. TEAM RoC Yield Securities could result in different secondary market prices for Debt Securities of different series of RBC U.S. TEAM RoC Yield Securities. The historical secondary market price for RBC U.S. TEAM RoC Yield Securities which are not Series 1 may differ from the historical secondary market price for Series 1 Debt Securities because the different Note Program Amounts for the different series of RBC U.S. TEAM RoC Yield Securities may affect the secondary market price of such Debt Securities. A series of RBC U.: TEAM RoC Yield Securities with a Note Program Amount which is higher than the Note Program Amount for Series 1 would likely have a lower secondary market price than the secondary market price for Series 1. Prior historical secondary market prices of Series 1 are not necessarily indicative of any future secondary market price for Series 1 or other RBC U.S. TEAM RoC Yield Securities. There is no assurance that a secondary market for the Debt Securities will develop or be sustained.

<sup>2</sup>Refer to footnote 2 on page 2.

#### **EQUITY INVESTMENT – AUGUST 2018**

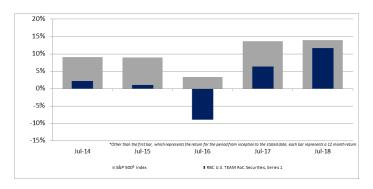
As of July 31, 2018, the Portfolio was allocated equally between a Fixed Income Investment and an Equity Investment. Indicated dividend yield on the Underlying Equity Securities as of July 31, 2018 was 1.96% (gross of any applicable withholding tax). Partial Principal Repayments on the Debt Securities will only be calculated when the Strategy allocates 50% to 100% of the Portfolio to an Equity Investment.

Sector	Symbol	Company	Weight	Rank	Dividend Yield (%)
Energy	HFC	HollyFrontier Corp	3.97%	3	1.77
	MPC	Marathon Petroleum Corp	3.97%	4	2.28
	PSX	Phillips 66	3.96%	5	2.59
	MRO	Marathon Oil Corp	3.87%	18	0.95
	NFX	Newfield Exploration Co	3.66%	32	-
	NBL	Noble Energy Inc	3.76%	33	1.22
Materials	LYB	LyondellBasell Industries NV	3.99%	55	3.61
Industrials	UAL	United Continental Holdings Inc	3.96%	6	-
	GWW	WW Grainger Inc	4.35%	7	1.57
	CAT	Caterpillar Inc	3.97%	76	2.39
Consumer	M	Macy's Inc	4.11%	2	3.80
Discretionary	KSS	Kohl's Corp	3.91%	12	3.30
Consumer Staples	ADM	Archer-Daniels-Midland Co	3.96%	8	2.78
	KR	The Kroger Co	4.06%	16	1.93
Health Care	LLY	Eli Lilly & Co	3.96%	9	2.28
	HCA	HCA Healthcare Inc	4.80%	11	1.13
Financials	COF	Capital One Financial Corp	3.99%	22	1.70
	SIVB	SVB Financial Group	4.28%	28	-
	MS	Morgan Stanley	4.07%	91	2.37
Information	MU	Micron Technology Inc	3.83%	1	-
Technology	NTAP	NetApp Inc	3.96%	53	2.06
	STX	Seagate Technology PLC	3.65%	61	4.79
	NVDA	NVIDIA Corp	4.07%	69	0.25
	INTC	Intel Corp	3.85%	108	2.49
Utilities	AES	AES Corp/VA	4.04%	14	3.89

Portfoli	Portfolio Additions			
ADM	Archer-Daniels-Midland Co	US\$49.54		
LLY	Eli Lilly & Co	US\$100.57		
MPC	Marathon Petroleum Corp	US\$80.02		
PSX	Phillips 66	US\$122.33		
UAL	United Continental Holdings Inc	US\$81.21		

Portfolio Deletions			
ETFC	E*TRADE Financial Corp	US\$60.44	
HPE	Hewlett Packard Enterprise Co	US\$15.80	
LRCX	Lam Research Corp	US\$186.72	
RF	Regions Financial Corp	US\$19.11	
WDC	Western Digital Corp	US\$68.54	

#### HISTORICAL SECONDARY MARKET PRICE<sup>1, 2</sup>



Returns as of July 31, 2018	1 month	3 months	YTD	1 year	Since Inception*
RBC U.S. TEAM RoC Securities, Series 1	1.03%	1.53%	1.52%	11.60%	2.31%
S&P 500® Index	3.60%	6.35%	5.34%	14.01%	10.31%

<sup>\*</sup>Since inception is an annualized calculation.

This fact sheet is qualified in its entirety by a pricing supplement (the "Pricing Supplement"), the base shelf prospectus dated December 20, 2013 or January 21, 2016, the program prospectus supplement dated December 23, 2013, as amended and restated on November 2, 2015, or January 22, 2016, as supplemented August 31, 2017, and the product prospectus supplement dated December 23, 2013 or January 22, 2016, as supplemented August 31, 2017, in respect of Equity, Unit and Debt Linked securities. A final base shelf prospectus containing important information relating to the securities described in this document has been filed with the securities regulatory authorities in each of the provinces and territories of Canada. This document does not provide full disclosure of all material facts relating to the securities offered. Investors should read the final base shelf prospectus, any amendment and any applicable shelf prospectus supplement for disclosure of those facts, especially risk factors relating to the securities offered. Investors the securities offered investment decision.



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#### THE US TEAM MODEL METHODOLOGY

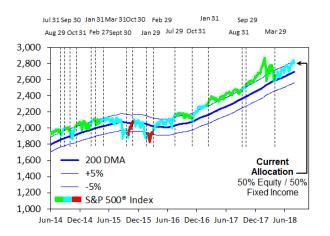
On the last Exchange Day of each month, the Strategy compares the closing level of the S&P 500® Index to its 200-day moving average ("200 DMA") to determine the asset allocation for the following month.

If the Index closes greater than 5% above its 200 DMA, the Strategy will allocate 100% exposure to the Equity Investment.

If the Index closes more than 5% below its 200 DMA, the Strategy will allocate 100% to the Fixed Income Investment.

Within a range of +/- 5% (inclusive) of the 200 DMA, the Strategy will allocate 50% to the Equity Investment and 50% to the Fixed Income Investment.

#### ASSET ALLOCATION



# 100% Equity 200 DMA -5% 50% Equity/ 50% Fixed Income 100% Fixed Income

On a monthly basis, an asset allocation decision is made based on the level of the S&P 500® Index relative to its 200

#### THE EQUITY INVESTMENT METHODOLOGY

The Equity Investment: Review Equity Investment on a monthly basis and adjust notional holdings and weights.

- > All S&P 500® members are eligible to be included, subject to a limitation on real estate investment trusts
- > High Risk Country Stocks in the Index will be excluded from the Equity Investment
- > The Equity Investment is reviewed each month after ranks have been updated
- Stocks are removed if they drop below the 125th position in terms of their rank
- > Stocks are removed if they are removed from the Index
- Replacement stocks are the best-ranked stocks not already included in the Equity Investment
- At the end of each calendar quarter the Equity Investment is rebalanced to equal weights

# THE UNIVERSE N

NO CANADIAN TAX EVENTS:

- 1. Until maturity or disposition
- 2. On Portfolio changes or rebalancing
- 3. On quarterly RoC payments



S&P 500® Index

THE MODEL	Rank stocks based on an equally weighted combination of 8 factors that fall into 4 distinct investment themes		
ATTRACTIVE	Low Price to Earnings	x 1/8	
VALUATIONS	Low Price to Book Value	x 1/8	
SUSTAINABLE	High Quarterly Earnings Growth	x 1/8	
GROWTH	High Return On Equity	x 1/8	
POSITIVE SENTIMENT	High Earnings Surprise	x 1/8	
	High Estimate Revisions	x 1/8	
MARKET	High 3-Month Price Change	x 1/8	
RECOGNITION	High 6-Month Price Change	x 1/8	
		= Total Score	

The S&P 500® Index is a product of S&P Dow Jones Indices LLC ("SPDJI"), and has been licensed for use by the Bank. Standard & Poor's®, S&P® and S&P 500® are registered trademarks of Standard & Poor's Financial Services LLC ("S&P"); Dow Jones® is a registered trademark of Dow Jones Trademark Holdings LLC ("Dow Jones®); and these trademarks have been licensed for use by SPDJI and sublicensed for certain purposes by the Bank. The Debt Securities are not sponsored, endorsed, sold or promoted by SPDJI, Dow Jones, S&P, their respective affiliates, and none of such parties make any representation regarding the advisability of investing in such product(s) nor do they have any liability for any errors, omissions, or interruptions of the S&P 500® Index.

The secondary market price of RBC U.S. TEAM RoC Yield Securities at any time will generally depend on, among other things, (a) how much the prices of the underlying interests have rise for the underlying interests have rise for the underlying interests have rise for the underlying interests, dividend yields on any of the securities, if any, comprising the underlying interest, and the Maturity Date. The relationship among these factors is complex and may also be influenced by various political, economic and other factors that can affect the secondary market price of a Debt Security.

Capitalized terms used but not defined herein have the meanings ascribed to such terms in the applicable Pricing Supplement.

An investment in the Debt Securities involves risks. An investment in the Debt Securities is not the same as a direct investment in the securities that comprise the Portfolio and investors have no rights with respect to the securities in the Portfolio. The Debt Securities are considered to be "specified derivatives" under applicable Canadian securities laws. If you purchase Debt Securities, you will be exposed to fluctuations in interest rates and changes in the Value of the Portfolio, among other factors. Price changes may be volatile and an investment in the Debt Securities may be considered to be speculative. Since the Debt Securities are not principal protected and the Principal Amount will be at risk, you could lose substantially all of your investment. The Debt Securities are not fixed income securities and are not designed to be alternatives to fixed income or money market instruments. The Debt Securities are structure products that possess downside risk.

The initial estimated value of the Debt Securities set forth on the cover page of the applicable Pricing Supplement does not take into account the ongoing fees and expenses applicable during the term of the Debt Securities, including the ongoing annual component of the Note Program Amount, or any Canadian foreign tax credits or deductions which may be available to the Bank in respect of foreign withholding taxes which may apply to dividends and other distributions received by the Bank if the Bank were to hedge its obligations under the Debt Securities by acquiring Equity Securities.

The Securities will not constitute deposits insured under the Canada Deposit Insurance Corporation Act.