

REPUBLIC FIRST BANCORP INC
Form 10-Q
November 07, 2008

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, DC 20549

FORM 10-Q

QUARTERLY REPORT UNDER SECTION 13 OR 15(d) OF
THE SECURITIES EXCHANGE ACT OF 1934

For the Quarterly Period Ended: September 30, 2008

Commission File Number: 000-17007

Republic First Bancorp, Inc.
(Exact name of business issuer as specified in its charter)

Pennsylvania
(State or other jurisdiction of
incorporation or organization)

23-2486815
IRS Employer Identification
Number

50 South
16th Street,
Philadelphia,
Pennsylvania
(Address
of
principal
executive
offices)

19102

(Zip code)

215-735-4422
(Registrant's telephone number, including area code)

N/A
(Former name, former address and former fiscal year, if changed since last report)

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to filing requirements for the past 90 days.

YES

NO

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See definition of "large accelerated filer", "accelerated filer", and "smaller reporting company" in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer

Accelerated Filer

Non-Accelerated filer

Smaller reporting company

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act):

YES _____ NO
APPLICABLE ONLY TO CORPORATE ISSUERS:

Indicate the number of shares outstanding of each of the Issuer's classes of common stock, as of the latest practicable date.

11,031,253 shares of Issuer's Common Stock, par value
\$0.01 per share, issued and outstanding as of November 5, 2008

Page 1

Exhibit index appears on page 39

TABLE OF CONTENTS

	Page
Part I: Financial Information	
Item 1: Financial Statements (unaudited)	<u>3</u>
Item 2: Management's Discussion and Analysis of Financial Condition and Results of Operations	<u>16</u>
Item 3: Quantitative and Qualitative Information about Market Risk	<u>38</u>
Item 4: Controls and Procedures	<u>38</u>
Part II: Other Information	
Item 1: Legal Proceedings	<u>39</u>
Item 1A: Risk Factors	<u>39</u>
Item 2: Unregistered Sales of Equity and Use of Proceeds	<u>39</u>
Item 3: Defaults Upon Senior Securities	<u>39</u>
Item 4: Submission of Matters to a Vote of Security Holders	<u>39</u>
Item 5: Other Information	<u>39</u>
Item 6: Exhibits	<u>39</u>

PART I - FINANCIAL INFORMATION

ITEM 1: FINANCIAL STATEMENTS

	Page
Consolidated Balance Sheets as of September 30, 2008 (unaudited) and December 31, 2007	4
Consolidated Statements of Income for the three and nine months ended September 30, 2008 and 2007 (unaudited)	<u>5</u>
Consolidated Statements of Changes in Shareholders' Equity for the nine months ended September 30, 2008 and 2007 (unaudited)	<u>6</u>
Consolidated Statements of Cash Flows for the nine months ended September 30, 2008 and 2007 (unaudited)	<u>7</u>
Notes to Consolidated Financial Statements (unaudited)	<u>8</u>

Republic First Bancorp, Inc. and Subsidiary
Consolidated Balance Sheets
As of September 30, 2008 and December 31, 2007
Dollars in thousands, except share data

ASSETS:	September 30, 2008	(unaudited)	December 31, 2007
Cash and due from banks	\$ 19,013		\$ 10,996
Interest bearing deposits with banks	341		320
Federal funds sold	38,382		61,909
Total cash and cash equivalents	57,736		73,225
Investment securities available for sale, at fair value	86,345		83,659
Investment securities held to maturity, at amortized cost (Fair value of \$216 and \$285, respectively)	203		282
Restricted stock, at cost	6,401		6,358
Loans receivable (net of allowance for loan losses of \$6,807 and \$8,508, respectively)	764,245		813,041
Premises and equipment, net	14,411		11,288
Other real estate owned, net	8,580		3,681
Accrued interest receivable	4,209		5,058
Bank owned life insurance	12,029		11,718
Other assets	10,573		7,998
Total Assets	\$ 964,732		\$ 1,016,308
LIABILITIES AND SHAREHOLDERS' EQUITY:			
Liabilities:			
Deposits:			
Demand – non-interest-bearing	\$ 77,728		\$ 99,040
Demand – interest-bearing	32,432		35,235
Money market and savings	240,055		223,645
Time less than \$100,000	181,367		179,043
Time over \$100,000	197,905		243,892
Total Deposits	729,487		780,855
Short-term borrowings	100,682		133,433
Other borrowings	25,000		-
Accrued interest payable	2,820		3,719
Other liabilities	5,010		6,493
Subordinated debt	22,476		11,341
Total Liabilities	885,475		935,841
Shareholders' Equity:			
Preferred stock, par value \$0.01 per share: 10,000,000 shares authorized; no shares issued as of September 30, 2008 and December 31, 2007	-		-
Common stock par value \$0.01 per share, 20,000,000 shares authorized;			

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shares issued 11,031,253 as of September 30, 2008 and 10,737,211 as of December 31, 2007	110	107
Additional paid in capital	76,297	75,321
Retained earnings	8,871	8,927
Treasury stock at cost (416,303 shares)	(2,993)	(2,993)
Stock held by deferred compensation plan	(1,165)	(1,165)
Accumulated other comprehensive income (loss)	(1,863)	270
Total Shareholders' Equity	79,257	80,467
	96ive	
	coupon	
	threshold	
	level,	
	downside	
	threshold	
	level and	
	initial index	
	value, will	
	affect the	
	value of the	
	securities	
	more than	
	any other	
	factors.	
	Other	
	factors that	
	may	
	influence	
	the value of	
	the	
	securities	
Total Liabilities and Shareholders' Equity	\$	include:

o the volatility (frequency and magnitude of changes in value) of the underlying indices,

o whether the index closing value of any underlying index has been below its respective coupon threshold level on any observation date,

o geopolitical conditions and economic, financial, political, regulatory or judicial events that affect the component ostocks of the underlying indices or securities markets generally and which may affect the value of each underlying index,

o dividend rates on the securities underlying the underlying indices,

o the time remaining until the securities mature,

- o interest and yield rates in the market,
- o the availability of comparable instruments,
- o the composition of the underlying indices and changes in the constituent stocks of such indices, and
 - o any actual or anticipated changes in our credit ratings or credit spreads.

Some or all of these factors will influence the price that you will receive if you sell your securities prior to maturity. In particular, if any underlying index has closed near or below its coupon threshold level and downside threshold level, the market value of the securities is expected to decrease substantially, and you may have to sell your securities at a substantial discount from the stated principal amount of \$1,000 per security.

You cannot predict the future performance of any underlying index based on its historical performance. The value of any underlying index may decrease and be below the respective coupon threshold level for such index on each observation date so that you will receive no return on your investment, and any or all of the underlying indices may close below the respective downside threshold level(s) on the final observation date so that you will lose more than 30% or all of your initial investment in the securities. There can be no assurance that the index closing value of each

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Principal at Risk Securities

underlying index will be at or above the respective coupon threshold level on any observation date so that you will receive a coupon payment on the securities for the applicable interest period, or that it will be at or above its respective downside threshold level on the final observation date so that you do not suffer a significant loss on your initial investment in the securities. See “Russell 2000[®] Index Overview,” “S&P 500[®] Index Overview” and “EURO STOXX 50[®] Index Overview” below.

The securities are subject to our credit risk, and any actual or anticipated changes to our credit ratings or credit spreads may adversely affect the market value of the securities. You are dependent on our ability to pay all amounts due on the securities at maturity, upon early redemption or on any coupon payment date, and therefore you are subject to our credit risk. The securities are not guaranteed by any other entity. If we default on our § obligations under the securities, your investment would be at risk and you could lose some or all of your investment. As a result, the market value of the securities prior to maturity will be affected by changes in the market’s view of our creditworthiness. Any actual or anticipated decline in our credit ratings or increase in the credit spreads charged by the market for taking our credit risk is likely to adversely affect the market value of the securities.

As a finance subsidiary, MSFL has no independent operations and will have no independent assets. As a finance subsidiary, MSFL has no independent operations beyond the issuance and administration of its securities and will have no independent assets available for distributions to holders of MSFL securities if they make claims in respect of such securities in a bankruptcy, resolution or similar proceeding. Accordingly, any recoveries by such § holders will be limited to those available under the related guarantee by Morgan Stanley and that guarantee will rank *pari passu* with all other unsecured, unsubordinated obligations of Morgan Stanley. Holders will have recourse only to a single claim against Morgan Stanley and its assets under the guarantee. Holders of securities issued by MSFL should accordingly assume that in any such proceedings they would not have any priority over and should be treated *pari passu* with the claims of other unsecured, unsubordinated creditors of Morgan Stanley, including holders of Morgan Stanley-issued securities.

§ The securities are linked to the Russell 2000[®] Index and are subject to risks associated with small-capitalization companies. As the Russell 2000[®] Index is one of the underlying indices, and the Russell 2000[®] Index consists of stocks issued by companies with relatively small market capitalization, the securities are linked to the value of small-capitalization companies. These companies often have greater stock price volatility, lower trading volume and less liquidity than large-capitalization companies and therefore the Russell 2000[®] Index may be more volatile than indices that consist of stocks issued by large-capitalization companies. Stock prices of small-capitalization companies are also more vulnerable than those of large-capitalization companies to adverse business and economic developments, and the stocks of small-capitalization companies may be thinly traded. In addition, small capitalization companies are typically less well-established and less stable financially than large-capitalization companies and may depend on a small number of key personnel, making them more vulnerable

to loss of personnel. Such companies tend to have smaller revenues, less diverse product lines, smaller shares of their product or service markets, fewer financial resources and less competitive strengths than large-capitalization companies and are more susceptible to adverse developments related to their products.

There are risks associated with investments in securities linked to the value of foreign equity securities. As the EURO STOXX 50[®] Index is one of the underlying indices, the securities are linked to the value of foreign equity securities. Investments in securities linked to the value of foreign equity securities involve risks associated with the securities markets in those countries, including risks of volatility in those markets, governmental intervention in those markets and cross-shareholdings in companies in certain countries. Also, there is generally less publicly available information about foreign companies than about U.S. companies that are subject to the reporting requirements of the United States Securities and Exchange Commission, and foreign companies are subject to § accounting, auditing and financial reporting standards and requirements different from those applicable to U.S. reporting companies. The prices of securities issued in foreign markets may be affected by political, economic, financial and social factors in those countries, or global regions, including changes in government, economic and fiscal policies and currency exchange laws. Local securities markets may trade a small number of securities and may be unable to respond effectively to increases in trading volume, potentially making prompt liquidation of holdings difficult or impossible at times. Moreover, the economies in such countries may differ favorably or unfavorably from the economy in the United States in such

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respects as growth of gross national product, rate of inflation, capital reinvestment, resources, self-sufficiency and balance of payment positions.

Not equivalent to investing in the underlying indices. Investing in the securities is not equivalent to investing in any underlying index or the component stocks of any underlying index. Investors in the securities will not participate in any positive performance of any underlying index, and will not have voting rights or rights to receive dividends or other distributions or any other rights with respect to stocks that constitute any underlying index.

Reinvestment risk. The term of your investment in the securities may be shortened due to the automatic early redemption feature of the securities. If the securities are redeemed prior to maturity, you will receive no more contingent quarterly coupons and may be forced to invest in a lower interest rate environment and may not be able to reinvest at comparable terms or returns. However, under no circumstances will the securities be redeemed in the six months of the term of the securities.

The securities will not be listed on any securities exchange and secondary trading may be limited. Accordingly, you should be willing to hold your securities for the entire 3-year term of the securities. The securities will not be listed on any securities exchange. Therefore, there may be little or no secondary market for the securities. MS & Co. may, but is not obligated to, make a market in the securities and, if it once chooses to make a market, may cease doing so at any time. When it does make a market, it will generally do so for transactions of routine secondary market size at prices based on its estimate of the current value of the securities, taking into account its bid/offer spread, our credit spreads, market volatility, the notional size of the proposed sale, the cost of unwinding any related hedging positions, the time remaining to maturity and the likelihood that it will be able to resell the securities. Even if there is a secondary market, it may not provide enough liquidity to allow you to trade or sell the securities easily. Since other broker-dealers may not participate significantly in the secondary market for the securities, the price at which you may be able to trade your securities is likely to depend on the price, if any, at which MS & Co. is willing to transact. If, at any time, MS & Co. were to cease making a market in the securities, it is likely that there would be no secondary market for the securities. Accordingly, you should be willing to hold your securities to maturity.

The rate we are willing to pay for securities of this type, maturity and issuance size is likely to be lower than the rate implied by our secondary market credit spreads and advantageous to us. Both the lower rate and the inclusion of costs associated with issuing, selling, structuring and hedging the securities in the original issue price reduce the economic terms of the securities, cause the estimated value of the securities to be less than the original issue price and will adversely affect secondary market prices. Assuming no change in market conditions or any other relevant factors, the prices, if any, at which dealers, including MS & Co., may be willing to purchase the

securities in secondary market transactions will likely be significantly lower than the original issue price, because secondary market prices will exclude the issuing, selling, structuring and hedging-related costs that are included in the original issue price and borne by you and because the secondary market prices will reflect our secondary market credit spreads and the bid-offer spread that any dealer would charge in a secondary market transaction of this type as well as other factors.

The inclusion of the costs of issuing, selling, structuring and hedging the securities in the original issue price and the lower rate we are willing to pay as issuer make the economic terms of the securities less favorable to you than they otherwise would be.

However, because the costs associated with issuing, selling, structuring and hedging the securities are not fully deducted upon issuance, for a period of up to 6 months following the issue date, to the extent that MS & Co. may buy or sell the securities in the secondary market, absent changes in market conditions, including those related to the underlying indices, and to our secondary market credit spreads, it would do so based on values higher than the estimated value, and we expect that those higher values will also be reflected in your brokerage account statements.

The estimated value of the securities is determined by reference to our pricing and valuation models, which may differ from those of other dealers and is not a maximum or minimum secondary market price. These § pricing and valuation models are proprietary and rely in part on subjective views of certain market inputs and certain assumptions about future events, which may prove to be incorrect. As a result, because there is no market-standard

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way to value these types of securities, our models may yield a higher estimated value of the securities than those generated by others, including other dealers in the market, if they attempted to value the securities. In addition, the estimated value on the pricing date does not represent a minimum or maximum price at which dealers, including MS & Co., would be willing to purchase your notes in the secondary market (if any exists) at any time. The value of your securities at any time after the date of this document will vary based on many factors that cannot be predicted with accuracy, including our creditworthiness and changes in market conditions. See also “The market price will be influenced by many unpredictable factors” above.

Hedging and trading activity by our affiliates could potentially affect the value of the securities. One or more of our affiliates and/or third-party dealers have carried out, and will continue to carry out, hedging activities related to the securities (and to other instruments linked to the underlying indices or their component stocks), including trading in the stocks that constitute the underlying indices as well as in other instruments related to the underlying indices. As a result, these entities may be unwinding or adjusting hedge positions during the term of the securities, and the hedging strategy may involve greater and more frequent dynamic adjustments to the hedge as the final observation date approaches. Some of our affiliates also trade the stocks that constitute the underlying indices and other financial instruments related to the underlying indices on a regular basis as part of their general broker-dealer and other businesses. Any of these hedging or trading activities on or prior to the pricing date could have increased the initial index value of an underlying index, and, therefore, could have increased (i) the level at or above which § such underlying index must close on any redemption determination date so that the securities are redeemed prior to maturity for the early redemption payment (depending also on the performance of the other underlying indices), (ii) the level at or above which such underlying index must close on each observation date in order for you to earn a contingent quarterly coupon (depending also on the performance of the other underlying indices) and (iii) the level at or above which such underlying index must close on the final observation date so that you are not exposed to the negative performance of the worst performing underlying index at maturity (depending also on the performance of the other underlying indices). Additionally, such hedging or trading activities during the term of the securities could affect the value of an underlying index on the redemption determination dates and the observation dates, and, accordingly, whether we redeem the securities prior to maturity, whether we pay a contingent quarterly coupon on the securities and the amount of cash you receive at maturity, if any (depending also on the performance of the other underlying indices).

§ The calculation agent, which is a subsidiary of Morgan Stanley and an affiliate of MSFL, will make determinations with respect to the securities. As calculation agent, MS & Co. has determined the initial index value, coupon threshold level and downside threshold level for each underlying index and will determine whether you receive a contingent quarterly coupon on each coupon payment date and/or at maturity, whether the securities will be redeemed on any early redemption date and the payment at maturity, if any. Moreover, certain determinations made by MS & Co., in its capacity as calculation agent, may require it to exercise discretion and make subjective judgments, such as with respect to the occurrence or non-occurrence of market disruption events and the selection of

a successor index or calculation of the index closing value in the event of a market disruption event or discontinuance of an underlying index. These potentially subjective determinations may adversely affect the payout to you at maturity, if any. For further information regarding these types of determinations, see "Description of Auto-Callable Securities—Postponement of Determination Dates," "—Alternate Exchange Calculation in Case of an Event of Default," "—Discontinuance of Any Underlying Index; Alternation of Method of Calculation" and "—Calculation Agent and Calculations" in the accompanying product supplement. In addition, MS & Co. has determined the estimated value of the securities on the pricing date.

Adjustments to the underlying indices could adversely affect the value of the securities. The publisher of each underlying index may add, delete or substitute the component stocks of such underlying index or make other methodological changes that could change the value of such underlying index. Any of these actions could adversely affect the value of the securities. The publisher of each underlying index may also discontinue or suspend calculation § or publication of such underlying index at any time. In these circumstances, MS & Co., as the calculation agent, will have the sole discretion to substitute a successor index that is comparable to the discontinued index. MS & Co. could have an economic interest that is different than that of investors in the securities insofar as, for example, MS & Co. is permitted to consider indices that are calculated and published by MS & Co. or any of its affiliates. If MS & Co.

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Contingent Income Auto-Callable Securities due October 29, 2021, with 6-Month Initial Non-Call Period

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determines that there is no appropriate successor index on any observation date, the determination of whether a contingent quarterly coupon will be payable on the securities on the applicable coupon payment date, whether the securities will be redeemed and/or the amount payable at maturity, if any, will be based on the value of such underlying index, based on the closing prices of the stocks constituting such underlying index at the time of such discontinuance, without rebalancing or substitution, computed by MS & Co. as calculation agent in accordance with the formula for calculating such underlying index last in effect prior to such discontinuance, as compared to the relevant initial index value, coupon threshold level or downside threshold level, as applicable (depending also on the performance of the other underlying indices).

The U.S. federal income tax consequences of an investment in the securities are uncertain. There is no direct § legal authority as to the proper treatment of the securities for U.S. federal income tax purposes, and, therefore, significant aspects of the tax treatment of the securities are uncertain.

Please read the discussion under “Additional Provisions—Tax considerations” in this document concerning the U.S. federal income tax consequences of an investment in the securities. We intend to treat a security for U.S. federal income tax purposes as a single financial contract that provides for a coupon that will be treated as gross income to you at the time received or accrued, in accordance with your regular method of tax accounting. Under this treatment, the ordinary income treatment of the coupon payments, in conjunction with the capital loss treatment of any loss recognized upon the sale, exchange or settlement of the securities, could result in adverse tax consequences to holders of the securities because the deductibility of capital losses is subject to limitations. We do not plan to request a ruling from the Internal Revenue Service (the “IRS”) regarding the tax treatment of the securities, and the IRS or a court may not agree with the tax treatment described herein. If the IRS were successful in asserting an alternative treatment for the securities, the timing and character of income or loss on the securities might differ significantly from the tax treatment described herein. For example, under one possible treatment, the IRS could seek to recharacterize the securities as debt instruments. In that event, U.S. Holders (as defined below) would be required to accrue into income original issue discount on the securities every year at a “comparable yield” determined at the time of issuance (as adjusted based on the difference, if any, between the actual and the projected amount of any contingent payments on the securities) and recognize all income and gain in respect of the securities as ordinary income. The risk that financial instruments providing for buffers, triggers or similar downside protection features, such as the securities, would be recharacterized as debt is greater than the risk of recharacterization for comparable financial instruments that do not have such features.

Non-U.S. Holders (as defined below) should note that we currently intend to withhold on any coupon paid to Non-U.S. Holders generally at a rate of 30%, or at a reduced rate specified by an applicable income tax treaty under an “other income” or similar provision, and will not be required to pay any additional amounts with

respect to amounts withheld.

In 2007, the U.S. Treasury Department and the IRS released a notice requesting comments on the U.S. federal income tax treatment of “prepaid forward contracts” and similar instruments. While it is not clear whether the securities would be viewed as similar to the prepaid forward contracts described in the notice, it is possible that any Treasury regulations or other guidance promulgated after consideration of these issues could materially and adversely affect the tax consequences of an investment in the securities, possibly with retroactive effect. The notice focuses on a number of issues, the most relevant of which for holders of the securities are the character and timing of income or loss and the degree, if any, to which income realized by non-U.S. investors should be subject to withholding tax. Both U.S. and Non-U.S. Holders should consult their tax advisers regarding the U.S. federal income tax consequences of an investment in the securities, including possible alternative treatments, the issues presented by this notice and any tax consequences arising under the laws of any state, local or non-U.S. taxing jurisdiction.

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Russell 2000® Index Overview

The Russell 2000® Index is an index calculated, published and disseminated by FTSE Russell, and measures the composite price performance of stocks of 2,000 companies incorporated in the U.S. and its territories. All 2,000 stocks are traded on a major U.S. exchange and are the 2,000 smallest securities that form the Russell 3000® Index. The Russell 3000® Index is composed of the 3,000 largest U.S. companies as determined by market capitalization and represents approximately 98% of the U.S. equity market. The Russell 2000® Index consists of the smallest 2,000 companies included in the Russell 3000® Index and represents a small portion of the total market capitalization of the Russell 3000® Index. The Russell 2000® Index is designed to track the performance of the small capitalization segment of the U.S. equity market. For additional information about the Russell 2000® Index, see the information set forth under “Russell 2000® Index” in the accompanying index supplement.

Information as of market close on October 26, 2018:

Bloomberg Ticker Symbol:	RTY	52 Week High (on 8/31/2018):	1,740.753
Current Index Value:	1,483.821	52 Week Low (on 2/8/2018):	1,463.793
52 Weeks Ago:	1,497.459		

The following graph sets forth the daily index closing values of the RTY Index for the period from January 1, 2013 through October 26, 2018. The related table sets forth the published high and low index closing values, as well as end-of-quarter index closing values, of the RTY Index for each quarter for the period from January 1, 2013 through October 26, 2018. The index closing value of the RTY Index on October 26, 2018 was 1,483.821. We obtained the information in the table below from Bloomberg Financial Markets, without independent verification. The RTY Index has experienced periods of high volatility, and you should not take the historical values of the RTY Index as an indication of its future performance.

RTY Index Daily Index Closing Values

January 1, 2013 to October 26, 2018

** The red line in the graph indicates the downside threshold level and the coupon threshold level of 1,038.675, each of which is approximately 70% of the initial index value.*

October 2018 Page 18

Morgan Stanley Finance LLC

Contingent Income Auto-Callable Securities due October 29, 2021, with 6-Month Initial Non-Call Period

All Payments on the Securities Based on the Worst Performing of the Russell 2000[®] Index, the S&P 500[®] Index and the EURO STOXX 50[®] Index

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Russell 2000[®] Index	High	Low	Period End
2013			
First Quarter	953.068	872.605	951.542
Second Quarter	999.985	901.513	977.475
Third Quarter	1,078.409	989.535	1,073.786
Fourth Quarter	1,163.637	1,043.459	1,163.637
2014			
First Quarter	1,208.651	1,093.594	1,173.038
Second Quarter	1,192.964	1,095.986	1,192.964
Third Quarter	1,208.150	1,101.676	1,101.676
Fourth Quarter	1,219.109	1,049.303	1,204.696
2015			
First Quarter	1,266.373	1,154.709	1,252.772
Second Quarter	1,295.799	1,215.417	1,253.947
Third Quarter	1,273.328	1,083.907	1,100.688
Fourth Quarter	1,204.159	1,097.552	1,135.889
2016			
First Quarter	1,114.028	953.715	1,114.028
Second Quarter	1,188.954	1,089.646	1,151.923
Third Quarter	1,263.438	1,139.453	1,251.646
Fourth Quarter	1,388.073	1,156.885	1,357.130
2017			
First Quarter	1,413.635	1,345.598	1,385.920
Second Quarter	1,425.985	1,345.244	1,415.359
Third Quarter	1,490.861	1,356.905	1,490.861
Fourth Quarter	1,548.926	1,464.095	1,535.511
2018			
First Quarter	1,610.706	1,463.793	1,529.427
Second Quarter	1,706.985	1,492.531	1,643.069
Third Quarter	1,740.753	1,653.132	1,696.571
Fourth Quarter (through October 26, 2018)	1,672.992	1,468.698	1,483.821

The “Russell 2000[®] Index” is a trademark of FTSE Russell. For more information, see “Russell 2000[®] Index” in the accompanying index supplement.

Morgan Stanley Finance LLC

Contingent Income Auto-Callable Securities due October 29, 2021, with 6-Month Initial Non-Call Period

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Principal at Risk Securities

The S&P 500® Index Overview

The S&P 500® Index, which is calculated, maintained and published by S&P Dow Jones Indices LLC (“S&P”), consists of stocks of 500 component companies selected to provide a performance benchmark for the U.S. equity markets. The calculation of the S&P 500® Index is based on the relative value of the float adjusted aggregate market capitalization of the 500 component companies as of a particular time as compared to the aggregate average market capitalization of 500 similar companies during the base period of the years 1941 through 1943.

Information as of market close on October 26, 2018:

Bloomberg Ticker Symbol:	SPX	52 Week High (on 9/20/2018):	2,930.75
Current Index Value:	2,658.69	52 Week Low (on 10/26/2017):	2,560.40
52 Weeks Ago:	2,560.40		

The following graph sets forth the daily index closing values of the SPX Index for in the period from January 1, 2013 through October 26, 2018. The related table sets forth the published high and low index closing values, as well as end-of-quarter index closing values, of the SPX Index for each quarter for the period from January 1, 2013 to October 26, 2018. The index closing value of the SPX Index on October 26, 2018 was 2,658.69. We obtained the information in the table and graph below from Bloomberg Financial Markets, without independent verification. The SPX Index has at times experienced periods of high volatility, and you should not take the historical values of the SPX Index as an indication of its future performance.

SPX Index Daily Index Closing Values

January 1, 2013 to October 26, 2018

** The red line in the graph indicates the downside threshold level and the coupon threshold level of 1,861.083, each of which is 70% of the initial index value.*

Morgan Stanley Finance LLC

Contingent Income Auto-Callable Securities due October 29, 2021, with 6-Month Initial Non-Call Period

All Payments on the Securities Based on the Worst Performing of the Russell 2000® Index, the S&P 500® Index and the EURO STOXX 50® Index

Principal at Risk Securities

S&P 500® Index	High	Low	Period End
2013			
First Quarter	1,569.19	1,457.15	1,569.19
Second Quarter	1,669.16	1,541.61	1,606.28
Third Quarter	1,725.52	1,614.08	1,681.55
Fourth Quarter	1,848.36	1,655.45	1,848.36
2014			
First Quarter	1,878.04	1,741.89	1,872.34
Second Quarter	1,962.87	1,815.69	1,960.23
Third Quarter	2,011.36	1,909.57	1,972.29
Fourth Quarter	2,090.57	1,862.49	2,058.90
2015			
First Quarter	2,117.39	1,992.67	2,067.89
Second Quarter	2,130.82	2,057.64	2,063.11
Third Quarter	2,128.28	1,867.61	1,920.03
Fourth Quarter	2,109.79	1,923.82	2,043.94
2016			
First Quarter	2,063.95	1,829.08	2,059.74
Second Quarter	2,119.12	2,000.54	2,098.86
Third Quarter	2,190.15	2,088.55	2,168.27
Fourth Quarter	2,271.72	2,085.18	2,238.83
2017			
First Quarter	2,395.96	2,257.83	2,362.72
Second Quarter	2,453.46	2,328.95	2,423.41
Third Quarter	2,519.36	2,409.75	2,519.36
Fourth Quarter	2,690.16	2,529.12	2,673.61
2018			
First Quarter	2,872.87	2,581.00	2,640.87
Second Quarter	2,786.85	2,581.88	2,718.37
Third Quarter	2,930.75	2,713.22	2,913.98
Fourth Quarter (through October 26, 2018)	2,925.51	2,656.10	2,658.69

“Standard & Poor®,” “S&P,” “S&P 500” “Standard & Poor’s 500” and “500” are trademarks of Standard and Poor’s Financial Services LLC. See “S&P 500 Index” in the accompanying index supplement.

Morgan Stanley Finance LLC

Contingent Income Auto-Callable Securities due October 29, 2021, with 6-Month Initial Non-Call Period

All Payments on the Securities Based on the Worst Performing of the Russell 2000[®] Index, the S&P 500[®] Index and the EURO STOXX 50[®] Index

Principal at Risk Securities

EURO STOXX 50[®] Index Overview

The EURO STOXX 50[®] Index was created by STOXX Limited, which is owned by Deutsche Börse AG and SIX Group AG. Publication of the EURO STOXX 50[®] Index began on February 26, 1998, based on an initial index value of 1,000 at December 31, 1991. The EURO STOXX 50[®] Index is composed of 50 component stocks of market sector leaders from within the STOXX 600 Supersector Indices, which includes stocks selected from the Eurozone. The component stocks have a high degree of liquidity and represent the largest companies across all market sectors. For additional information about the EURO STOXX 50[®] Index, see the information set forth under “EURO STOXX 50[®] Index” in the accompanying index supplement.

Information as of market close on October 26, 2018

Bloomberg Ticker Symbol:	SX5E	52 Week High (on 11/1/2017):	3,697.40
Current Index Value:	3,134.89	52 Week Low (on 10/24/2018):	3,130.33
52 Weeks Ago:	3,637.20		

The following graph sets forth the daily index closing values of the SX5E Index for the period from January 1, 2013 through October 26, 2018. The related table sets forth the published high and low index closing values, as well as end-of-quarter index closing values, of the SX5E Index for each quarter for the period from January 1, 2013 through October 26, 2018. The index closing value of the SX5E Index on October 26, 2018 was 3,134.89. We obtained the information in the table and graph below from Bloomberg Financial Markets, without independent verification. The SX5E Index has experienced periods of high volatility, and you should not take the historical values of the SX5E Index as an indication of its future performance.

SX5E Index Daily Index Closing Values January 1, 2013 to October 26, 2018

** The red line in the graph indicates the downside threshold level and the coupon threshold level of 2,194.423, each of which is 70% of the initial index value.*

October 2018 Page 22

Morgan Stanley Finance LLC

Contingent Income Auto-Callable Securities due October 29, 2021, with 6-Month Initial Non-Call Period

All Payments on the Securities Based on the Worst Performing of the Russell 2000® Index, the S&P 500® Index and the EURO STOXX 50® Index

Principal at Risk Securities

EURO STOXX 50® Index	High	Low	Period End
2013			
First Quarter	2,749.27	2,570.52	2,624.02
Second Quarter	2,835.87	2,511.83	2,602.59
Third Quarter	2,936.20	2,570.76	2,893.15
Fourth Quarter	3,111.37	2,902.12	3,109.00
2014			
First Quarter	3,172.43	2,962.49	3,161.60
Second Quarter	3,314.80	3,091.52	3,228.24
Third Quarter	3,289.75	3,006.83	3,225.93
Fourth Quarter	3,277.38	2,874.65	3,146.43
2015			
First Quarter	3,731.35	3,007.91	3,697.38
Second Quarter	3,828.78	3,424.30	3,424.30
Third Quarter	3,686.58	3,019.34	3,100.67
Fourth Quarter	3,506.45	3,069.05	3,267.52
2016			
First Quarter	3,178.01	2,680.35	3,004.93
Second Quarter	3,151.69	2,697.44	2,864.74
Third Quarter	3,091.66	2,761.37	3,002.24
Fourth Quarter	3,290.52	2,954.53	3,290.52
2017			
First Quarter	3,500.93	3,230.68	3,500.93
Second Quarter	3,658.79	3,409.78	3,441.88
Third Quarter	3,594.85	3,388.22	3,594.85
Fourth Quarter	3,697.40	3,503.96	3,503.96
2018			
First Quarter	3,672.29	3,278.72	3,361.50
Second Quarter	3,592.18	3,340.35	3,395.60
Third Quarter	3,527.18	3,293.36	3,399.20
Fourth Quarter (through October 26, 2018)	3,414.16	3,130.33	3,134.89

“EURO STOXX®” and “STOXX®” are registered trademarks of STOXX Limited. For more information, see “EURO STOXX 50® Index” in the accompanying index supplement.

Morgan Stanley Finance LLC

Contingent Income Auto-Callable Securities due October 29, 2021, with 6-Month Initial Non-Call Period

All Payments on the Securities Based on the Worst Performing of the Russell 2000[®] Index, the S&P 500[®] Index and the EURO STOXX 50[®] Index

Principal at Risk Securities

Additional Information About the Securities

Please read this information in conjunction with the summary terms on the front cover of this document.

Additional Provisions:

Interest period:

Quarterly

Record date:

The record date for each coupon payment date shall be the date one business day prior to such scheduled coupon payment date; *provided*, however, that any coupon payable at maturity (or upon early redemption) shall be payable to the person to whom the payment at maturity or early redemption payment, as the case may be, shall be payable.

Threshold level:

The accompanying product supplement refers to the threshold level as the “trigger level.”

Day count convention:

30/360

Postponement of coupon payment dates (including the maturity date) and early redemption dates:

If any observation date or redemption determination date is postponed due to a non-index business day or certain market disruption events so that it falls less than two business days prior to the relevant scheduled coupon payment date (including the maturity date) or early redemption date, as applicable, the coupon payment date (or the maturity date) or the early redemption date will be postponed to the second business day following that observation date or redemption determination date as postponed, and no adjustment will be made to any coupon payment or early redemption payment made on that postponed date.

Denominations:

\$1,000 per security and integral multiples thereof

Minimum ticketing size:

\$1,000 / 1 security

Tax considerations:

Prospective investors should note that the discussion under the section called “United States Federal Taxation” in the accompanying product supplement does not apply to the securities issued under this document and is superseded by the following discussion.

The following is a general discussion of the material U.S. federal income tax consequences and certain estate tax consequences of the ownership and disposition of the securities. This discussion applies only to investors in the securities who:

- purchase the securities in the original offering; and

- hold the securities as capital assets within the meaning of Section 1221 of the Internal Revenue Code of 1986, as amended (the “Code”).

This discussion does not describe all of the tax consequences that may be relevant to a holder in light of the holder’s particular circumstances or to holders subject to special rules, such as:

- certain financial institutions;
- insurance companies;
- certain dealers and traders in securities or commodities;
- investors holding the securities as part of a “straddle,” wash sale, conversion transaction, integrated transaction or constructive sale transaction;
- U.S. Holders (as defined below) whose functional currency is not the U.S. dollar;
- partnerships or other entities classified as partnerships for U.S. federal income tax purposes;
- regulated investment companies;
- real estate investment trusts; or
- tax-exempt entities, including “individual retirement accounts” or “Roth IRAs” as defined in Section 408 or 408A of the Code, respectively.

If an entity that is classified as a partnership for U.S. federal income tax purposes holds the securities, the U.S. federal income tax treatment of a partner will generally depend on the status of the partner and the activities of the partnership. If you are a partnership holding the securities or a partner in such a partnership, you should consult your tax adviser as to the particular U.S. federal tax consequences of holding and disposing of the securities to you.

As the law applicable to the U.S. federal income taxation of instruments such as the securities is technical and complex, the discussion below necessarily represents only a general

Morgan Stanley Finance LLC

Contingent Income Auto-Callable Securities due October 29, 2021, with 6-Month Initial Non-Call Period

All Payments on the Securities Based on the Worst Performing of the Russell 2000[®] Index, the S&P 500[®] Index and the EURO STOXX 50[®] Index

Principal at Risk Securities

summary. The effect of any applicable state, local or non-U.S. tax laws is not discussed, nor are any alternative minimum tax consequences or consequences resulting from the Medicare tax on investment income. Moreover, the discussion below does not address the consequences to taxpayers subject to special tax accounting rules under Section 451(b) of the Code.

This discussion is based on the Code, administrative pronouncements, judicial decisions and final, temporary and proposed Treasury regulations, all as of the date hereof, changes to any of which subsequent to the date hereof may affect the tax consequences described herein. Persons considering the purchase of the securities should consult their tax advisers with regard to the application of the U.S. federal income tax laws to their particular situations as well as any tax consequences arising under the laws of any state, local or non-U.S. taxing jurisdiction.

General

Due to the absence of statutory, judicial or administrative authorities that directly address the treatment of the securities or instruments that are similar to the securities for U.S. federal income tax purposes, no assurance can be given that the IRS or a court will agree with the tax treatment described herein. We intend to treat a security for U.S. federal income tax purposes as a single financial contract that provides for a coupon that will be treated as gross income to you at the time received or accrued in accordance with your regular method of tax accounting. In the opinion of our counsel, Davis Polk & Wardwell LLP, this treatment of the securities is reasonable under current law; however, our counsel has advised us that it is unable to conclude affirmatively that this treatment is more likely than not to be upheld, and that alternative treatments are possible.

You should consult your tax adviser regarding all aspects of the U.S. federal tax consequences of an investment in the securities (including possible alternative treatments of the securities). Unless otherwise stated, the following discussion is based on the treatment of each security as described in the previous paragraph.

Tax Consequences to U.S. Holders

This section applies to you only if you are a U.S. Holder. As used herein, the term “U.S. Holder” means a beneficial owner of a security that is, for U.S. federal income tax purposes:

- a citizen or individual resident of the United States;
- a corporation, or other entity taxable as a corporation, created or organized in or under the laws of the United States, any state thereof or the District of Columbia; or
- an estate or trust the income of which is subject to U.S. federal income taxation regardless of its source.

Tax Treatment of the Securities

Assuming the treatment of the securities as set forth above is respected, the following U.S. federal income tax consequences should result.

Tax Basis. A U.S. Holder’s tax basis in the securities should equal the amount paid by the U.S. Holder to acquire the securities.

Tax Treatment of Coupon Payments. Any coupon payment on the securities should be taxable as ordinary income to a U.S. Holder at the time received or accrued, in accordance with the U.S. Holder’s regular method of accounting for U.S. federal income tax purposes.

Sale, Exchange or Settlement of the Securities. Upon a sale, exchange or settlement of the securities, a U.S. Holder should recognize gain or loss equal to the difference between the amount realized on the sale, exchange or settlement and the U.S. Holder’s tax basis in the securities sold, exchanged or settled. For this purpose, the amount realized does not include any coupon paid at settlement and may not include sale proceeds attributable to an accrued coupon, which may be treated as a coupon payment. Any such gain or loss recognized should be long-term capital gain or loss if the U.S. Holder has held the securities for more than

Morgan Stanley Finance LLC

Contingent Income Auto-Callable Securities due October 29, 2021, with 6-Month Initial Non-Call Period

All Payments on the Securities Based on the Worst Performing of the Russell 2000[®] Index, the S&P 500[®] Index and the EURO STOXX 50[®] Index

Principal at Risk Securities

one year at the time of the sale, exchange or settlement, and should be short-term capital gain or loss otherwise. The ordinary income treatment of the coupon payments, in conjunction with the capital loss treatment of any loss recognized upon the sale, exchange or settlement of the securities, could result in adverse tax consequences to holders of the securities because the deductibility of capital losses is subject to limitations.

Possible Alternative Tax Treatments of an Investment in the Securities

Due to the absence of authorities that directly address the proper tax treatment of the securities, no assurance can be given that the IRS will accept, or that a court will uphold, the treatment described above. In particular, the IRS could seek to analyze the U.S. federal income tax consequences of owning the securities under Treasury regulations governing contingent payment debt instruments (the “Contingent Debt Regulations”). If the IRS were successful in asserting that the Contingent Debt Regulations applied to the securities, the timing and character of income thereon would be significantly affected. Among other things, a U.S. Holder would be required to accrue into income original issue discount on the securities every year at a “comparable yield” determined at the time of their issuance, adjusted upward or downward to reflect the difference, if any, between the actual and the projected amount of any contingent payments on the securities. Furthermore, any gain realized by a U.S. Holder at maturity or upon a sale, exchange or other disposition of the securities would be treated as ordinary income, and any loss realized would be treated as ordinary loss to the extent of the U.S. Holder’s prior accruals of original issue discount and as capital loss thereafter. The risk that financial instruments providing for buffers, triggers or similar downside protection features, such as the securities, would be recharacterized as debt is greater than the risk of recharacterization for comparable financial instruments that do not have such features.

Other alternative federal income tax treatments of the securities are possible, which, if applied, could significantly affect the timing and character of the income or loss with respect to the securities. In 2007, the U.S. Treasury Department and the IRS released a notice requesting comments on the U.S. federal income tax treatment of “prepaid forward contracts” and similar instruments. The notice focuses on whether to require holders of “prepaid forward contracts” and similar instruments to accrue income over the term of their investment. It also asks for comments on a number of related topics, including the character of income or loss with respect to these instruments; whether short-term instruments should be subject to any such accrual regime; the relevance of factors such as the exchange-traded status of the instruments and the nature of the underlying property to which the instruments are

linked; whether these instruments are or should be subject to the “constructive ownership” rule, which very generally can operate to recharacterize certain long-term capital gain as ordinary income and impose an interest charge; and appropriate transition rules and effective dates. While it is not clear whether instruments such as the securities would be viewed as similar to the prepaid forward contracts described in the notice, any Treasury regulations or other guidance promulgated after consideration of these issues could materially and adversely affect the tax consequences of an investment in the securities, possibly with retroactive effect. U.S. Holders should consult their tax advisers regarding the U.S. federal income tax consequences of an investment in the securities, including possible alternative treatments and the issues presented by this notice.

Backup Withholding and Information Reporting

Backup withholding may apply in respect of payments on the securities and the payment of proceeds from a sale, exchange or other disposition of the securities, unless a U.S. Holder provides proof of an applicable exemption or a correct taxpayer identification number and otherwise complies with applicable requirements of the backup withholding rules. The amounts withheld under the backup withholding rules are not an additional tax and may be refunded, or credited against the U.S. Holder’s U.S. federal income tax liability, provided that the required information is timely furnished to the IRS. In addition, information returns will be filed with the IRS in connection with payments on the securities and the payment of proceeds from a sale, exchange or other disposition of the securities, unless the U.S. Holder provides proof of an applicable exemption from the information reporting rules.

Tax Consequences to Non-U.S. Holders

Morgan Stanley Finance LLC

Contingent Income Auto-Callable Securities due October 29, 2021, with 6-Month Initial Non-Call Period

All Payments on the Securities Based on the Worst Performing of the Russell 2000[®] Index, the S&P 500[®] Index and the EURO STOXX 50[®] Index

Principal at Risk Securities

This section applies to you only if you are a Non-U.S. Holder. As used herein, the term “Non-U.S. Holder” means a beneficial owner of a security that is for U.S. federal income tax purposes:

- an individual who is classified as a nonresident alien;
- a foreign corporation; or
- a foreign estate or trust.

The term “Non-U.S. Holder” does not include any of the following holders:

- a holder who is an individual present in the United States for 183 days or more in the taxable year of disposition and who is not otherwise a resident of the United States for U.S. federal income tax purposes;
- certain former citizens or residents of the United States; or
- a holder for whom income or gain in respect of the securities is effectively connected with the conduct of a trade or business in the United States.

Such holders should consult their tax advisers regarding the U.S. federal income tax consequences of an investment in the securities.

Although significant aspects of the tax treatment of each security are uncertain, we intend to withhold on any coupon paid to a Non-U.S. Holder generally at a rate of 30% or at a reduced rate specified by an applicable income tax treaty under an “other income” or similar provision. We will not be required to pay any additional amounts with respect to amounts withheld. In order to claim an exemption from, or a reduction in, the 30% withholding tax, a Non-U.S. Holder of the securities must comply with certification requirements to establish that it is not a U.S. person and is eligible for such an exemption or reduction under an applicable tax treaty. If you are a Non-U.S. Holder, you should consult your tax adviser regarding the tax treatment of the securities, including the possibility of obtaining a refund of any withholding tax and the certification requirement described above.

Section 871(m) Withholding Tax on Dividend Equivalents

Section 871(m) of the Code and Treasury regulations promulgated thereunder (“Section 871(m)”) generally impose a 30% (or a lower applicable treaty rate) withholding tax on dividend equivalents paid or deemed paid to Non-U.S. Holders with respect to certain financial instruments linked to U.S. equities or indices that include U.S. equities (each, an “Underlying Security”). Subject to certain exceptions, Section 871(m) generally applies to securities that substantially replicate the economic performance of one or more Underlying Securities, as determined based on tests set forth in the applicable Treasury regulations (a “Specified Security”). However, pursuant to an IRS notice, Section 871(m) will not apply to securities issued before January 1, 2021 that do not have a delta of one with respect to any Underlying Security. Based on our determination that the securities do not have a delta of one with respect to any Underlying Security, our counsel is of the opinion that the securities should not be Specified Securities and, therefore, should not be subject to Section 871(m).

Our determination is not binding on the IRS, and the IRS may disagree with this determination. Section 871(m) is complex and its application may depend on your particular circumstances, including whether you enter into other transactions with respect to an Underlying Security. If Section 871(m) withholding is required, we will not be required to pay any additional amounts with respect to the amounts so withheld. You should consult your tax adviser regarding the potential application of Section 871(m) to the securities.

U.S. Federal Estate Tax

Individual Non-U.S. Holders and entities the property of which is potentially includible in such an individual’s gross estate for U.S. federal estate tax purposes (for example, a trust funded by such an individual and with respect to which the individual has retained certain interests or powers) should note that, absent an applicable treaty exemption, the securities may be treated as U.S.-situs property subject to U.S. federal estate tax. Prospective investors that are non-U.S. individuals, or are entities of the type described above, should consult their tax advisers regarding the U.S. federal estate tax consequences of an investment in the securities.

Backup Withholding and Information Reporting

Morgan Stanley Finance LLC

Contingent Income Auto-Callable Securities due October 29, 2021, with 6-Month Initial Non-Call Period

All Payments on the Securities Based on the Worst Performing of the Russell 2000[®] Index, the S&P 500[®] Index and the EURO STOXX 50[®] Index

Principal at Risk Securities

Information returns will be filed with the IRS in connection with any coupon payment and may be filed with the IRS in connection with the payment at maturity on the securities and the payment of proceeds from a sale, exchange or other disposition. A Non-U.S. Holder may be subject to backup withholding in respect of amounts paid to the Non-U.S. Holder, unless such Non-U.S. Holder complies with certification procedures to establish that it is not a U.S. person for U.S. federal income tax purposes or otherwise establishes an exemption. The amount of any backup withholding from a payment to a Non-U.S. Holder will be allowed as a credit against the Non-U.S. Holder's U.S. federal income tax liability and may entitle the Non-U.S. Holder to a refund, provided that the required information is timely furnished to the IRS.

FATCA

Legislation commonly referred to as "FATCA" generally imposes a withholding tax of 30% on payments to certain non-U.S. entities (including financial intermediaries) with respect to certain financial instruments, unless various U.S. information reporting and due diligence requirements have been satisfied. An intergovernmental agreement between the United States and the non-U.S. entity's jurisdiction may modify these requirements. FATCA generally applies to certain financial instruments that are treated as paying U.S.-source interest or other U.S.-source "fixed or determinable annual or periodical" income ("FDAP income"). Withholding (if applicable) applies to payments of U.S.-source FDAP income and, for dispositions after December 31, 2018, to payments of gross proceeds of the disposition (including upon retirement) of certain financial instruments treated as providing for U.S.-source interest or dividends. While the treatment of the securities is unclear, you should assume that any coupon payment with respect to the securities will be subject to the FATCA rules. It is also possible in light of this uncertainty that an applicable withholding agent will treat gross proceeds of a disposition (including upon retirement) of the securities after 2018 as being subject to the FATCA rules. If withholding applies to the securities, we will not be required to pay any additional amounts with respect to amounts withheld. Both U.S. and Non-U.S. Holders should consult their tax advisers regarding the potential application of FATCA to the securities.

The discussion in the preceding paragraphs, insofar as it purports to describe provisions of U.S. federal income tax laws or legal conclusions with respect thereto, constitutes the full opinion of Davis Polk & Wardwell LLP regarding the material U.S. federal tax consequences of an investment in the securities.

Trustee: The Bank of New York Mellon
Calculation agent: MS & Co.

The proceeds from the sale of the securities will be used by us for general corporate purposes. We will receive, in aggregate, \$1,000 per security issued, because, when we enter into hedging transactions in order to meet our obligations under the securities, our hedging counterparty will reimburse the cost of the agent's commissions. The costs of the securities borne by you and described beginning on page 3 above comprise the agent's commissions and the cost of issuing, structuring and hedging the securities.

Use of
proceeds
and
hedging:

On or prior to the pricing date, we hedged our anticipated exposure in connection with the securities by entering into hedging transactions with our affiliates and/or third party dealers. We expect our hedging counterparties to have taken positions in the stocks constituting the underlying indices and in futures and/or options contracts on the underlying indices or the component stocks of the underlying indices listed on major securities markets. Such purchase activity could have increased the initial index value of an underlying index, and, as a result, could have increased (i) the level at or above which such underlying index must close on any redemption determination date so that the securities are redeemed prior to maturity for the early redemption payment (depending also on the performance of the other underlying indices), (ii) the level at or above which such underlying index must close on each observation date in order for you to earn a contingent quarterly coupon (depending also on the performance of the other underlying indices) and (iii) the level at or above which such underlying index must close on the final observation date so that you are not exposed to the negative performance of the worst performing underlying index at maturity (depending also on the performance of the other underlying indices). These entities may be unwinding or adjusting hedge positions during the term of the securities, and the hedging strategy may involve greater and more frequent dynamic adjustments to the hedge as the final observation date approaches. Additionally, our hedging activities, as well as our other trading activities, during the term of the securities could potentially affect the value of an underlying index on the

Morgan Stanley Finance LLC

Contingent Income Auto-Callable Securities due October 29, 2021, with 6-Month Initial Non-Call Period

All Payments on the Securities Based on the Worst Performing of the Russell 2000[®] Index, the S&P 500[®] Index and the EURO STOXX 50[®] Index

Principal at Risk Securities

redemption determination dates and observation dates, and, accordingly, whether we redeem the securities prior to maturity, whether we pay a contingent quarterly coupon on the securities and the amount of cash you receive at maturity, if any (depending also on the performance of the other underlying indices).

Benefit plan investor considerations: Each fiduciary of a pension, profit-sharing or other employee benefit plan subject to Title I of the Employee Retirement Income Security Act of 1974, as amended (“ERISA”) (a “Plan”), should consider the fiduciary standards of ERISA in the context of the Plan’s particular circumstances before authorizing an investment in the securities. Accordingly, among other factors, the fiduciary should consider whether the investment would satisfy the prudence and diversification requirements of ERISA and would be consistent with the documents and instruments governing the Plan.

In addition, we and certain of our affiliates, including MS & Co., may each be considered a “party in interest” within the meaning of ERISA, or a “disqualified person” within the meaning of the Internal Revenue Code of 1986, as amended (the “Code”), with respect to many Plans, as well as many individual retirement accounts and Keogh plans (such accounts and plans, together with other plans, accounts and arrangements subject to Section 4975 of the Code, also “Plans”). ERISA Section 406 and Code Section 4975 generally prohibit transactions between Plans and parties in interest or disqualified persons. Prohibited transactions within the meaning of ERISA or the Code would likely arise, for example, if the securities are acquired by or with the assets of a Plan with respect to which MS & Co. or any of its affiliates is a service provider or other party in interest, unless the securities are acquired pursuant to an exemption from the “prohibited transaction” rules. A violation of these “prohibited transaction” rules could result in an excise tax or other liabilities under ERISA and/or Section 4975 of the Code for such persons, unless exemptive relief is available under an applicable statutory or administrative exemption.

The U.S. Department of Labor has issued five prohibited transaction class exemptions (“PTCEs”) that may provide exemptive relief for direct or indirect prohibited transactions resulting from the purchase or holding of the securities. Those class exemptions are PTCE 96-23 (for certain transactions determined by in-house asset managers), PTCE 95-60 (for certain transactions involving insurance company general accounts), PTCE 91-38 (for certain transactions involving bank collective investment funds), PTCE 90-1 (for certain transactions involving insurance company separate accounts) and PTCE 84-14 (for certain transactions determined by independent qualified professional asset managers). In addition, ERISA Section 408(b)(17) and Code Section 4975(d)(20) provide an exemption for the purchase and sale of securities and the related lending transactions, *provided* that neither the issuer of the securities nor any of its affiliates has or exercises any discretionary authority or control or renders any investment advice with respect to the assets of

the Plan involved in the transaction and *provided further* that the Plan pays no more, and receives no less, than “adequate consideration” in connection with the transaction (the so-called “service provider” exemption). There can be no assurance that any of these class or statutory exemptions will be available with respect to transactions involving the securities.

Because we may be considered a party in interest with respect to many Plans, the securities may not be purchased, held or disposed of by any Plan, any entity whose underlying assets include “plan assets” by reason of any Plan’s investment in the entity (a “Plan Asset Entity”) or any person investing “plan assets” of any Plan, unless such purchase, holding or disposition is eligible for exemptive relief, including relief available under PTCEs 96-23, 95-60, 91-38, 90-1, 84-14 or the service provider exemption or such purchase, holding or disposition is otherwise not prohibited. Any purchaser, including any fiduciary purchasing on behalf of a Plan, transferee or holder of the securities will be deemed to have represented, in its corporate and its fiduciary capacity, by its purchase and holding of the securities that either (a) it is not a Plan or a Plan Asset Entity and is not purchasing such securities on behalf of or with “plan assets” of any Plan or with any assets of a governmental, non-U.S. or church plan that is subject to any federal, state, local or non-U.S. law that is substantially similar to the provisions of Section 406 of ERISA or Section 4975 of the Code (“Similar Law”) or (b) its purchase, holding and disposition of these securities will not constitute or result in a non-exempt prohibited transaction under Section 406 of ERISA or Section 4975 of the Code or violate any Similar Law.

Due to the complexity of these rules and the penalties that may be imposed upon persons

Morgan Stanley Finance LLC

Contingent Income Auto-Callable Securities due October 29, 2021, with 6-Month Initial Non-Call Period

All Payments on the Securities Based on the Worst Performing of the Russell 2000[®] Index, the S&P 500[®] Index and the EURO STOXX 50[®] Index

Principal at Risk Securities

involved in non-exempt prohibited transactions, it is particularly important that fiduciaries or other persons considering purchasing the securities on behalf of or with “plan assets” of any Plan consult with their counsel regarding the availability of exemptive relief.

The securities are contractual financial instruments. The financial exposure provided by the securities is not a substitute or proxy for, and is not intended as a substitute or proxy for, individualized investment management or advice for the benefit of any purchaser or holder of the securities. The securities have not been designed and will not be administered in a manner intended to reflect the individualized needs and objectives of any purchaser or holder of the securities.

Each purchaser or holder of any securities acknowledges and agrees that:

(i) the purchaser or holder or its fiduciary has made and shall make all investment decisions for the purchaser or holder and the purchaser or holder has not relied and shall not rely in any way upon us or our affiliates to act as a fiduciary or adviser of the purchaser or holder with respect to (A) the design and terms of the securities, (B) the purchaser or holder’s investment in the securities, or (C) the exercise of or failure to exercise any rights we have under or with respect to the securities;

(ii) we and our affiliates have acted and will act solely for our own account in connection with (A) all transactions relating to the securities and (B) all hedging transactions in connection with our obligations under the securities;

(iii) any and all assets and positions relating to hedging transactions by us or our affiliates are assets and positions of those entities and are not assets and positions held for the benefit of the purchaser or holder;

(iv) our interests are adverse to the interests of the purchaser or holder; and

(v) neither we nor any of our affiliates is a fiduciary or adviser of the purchaser or holder in connection with any such assets, positions or transactions, and any information that we or any of our affiliates may provide is not intended to be impartial investment advice.

Each purchaser and holder of the securities has exclusive responsibility for ensuring that its purchase, holding and disposition of the securities do not violate the prohibited transaction rules of ERISA or the Code or any Similar Law. The sale of any securities to any Plan or plan subject to Similar Law is in no respect a representation by us or any of our affiliates or representatives that such an investment meets all relevant legal requirements with respect to investments by plans generally or any particular plan, or that such an investment is appropriate for plans generally or any particular plan. In this regard, neither this discussion nor anything provided in this document is or is intended to be investment advice directed at any potential Plan purchaser or at Plan purchasers generally and such purchasers of these securities should consult and rely on their own counsel and advisers as to whether an investment in these securities is suitable.

However, individual retirement accounts, individual retirement annuities and Keogh plans, as well as employee benefit plans that permit participants to direct the investment of their accounts, will not be permitted to purchase or hold the securities if the account, plan or annuity is for the benefit of an employee of Morgan Stanley, Morgan Stanley Wealth Management or a family member and the employee receives any compensation (such as, for example, an addition to bonus) based on the purchase of the securities by the account, plan or annuity.

Additional considerations:

Client accounts over which Morgan Stanley, Morgan Stanley Wealth Management or any of their respective subsidiaries have investment discretion are **not** permitted to purchase the securities, either directly or indirectly.

Selected dealers, which may include our affiliates, and their financial advisors will collectively receive from the agent a fixed sales commission of \$27 for each security they sell.

Supplemental information regarding plan of distribution; conflicts of interest:

MS & Co. is an affiliate of MSFL and a wholly owned subsidiary of Morgan Stanley, and it and other affiliates of ours expect to make a profit by selling, structuring and, when applicable, hedging the securities.

MS & Co. will conduct this offering in compliance with the requirements of FINRA Rule 5121 of

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the Financial Industry Regulatory Authority, Inc., which is commonly referred to as FINRA, regarding a FINRA member firm's distribution of the securities of an affiliate and related conflicts of interest. MS & Co. or any of our other affiliates may not make sales in this offering to any discretionary account. See "Plan of Distribution (Conflicts of Interest)" and "Use of Proceeds and Hedging" in the accompanying product supplement for auto-callable securities.

Validity of the securities: In the opinion of Davis Polk & Wardwell LLP, as special counsel to MSFL and Morgan Stanley, when the securities offered by this pricing supplement have been executed and issued by MSFL, authenticated by the trustee pursuant to the MSFL Senior Debt Indenture (as defined in the accompanying prospectus) and delivered against payment as contemplated herein, such securities will be valid and binding obligations of MSFL and the related guarantee will be a valid and binding obligation of Morgan Stanley, enforceable in accordance with their terms, subject to applicable bankruptcy, insolvency and similar laws affecting creditors' rights generally, concepts of reasonableness and equitable principles of general applicability (including, without limitation, concepts of good faith, fair dealing and the lack of bad faith), *provided* that such counsel expresses no opinion as to (i) the effect of fraudulent conveyance, fraudulent transfer or similar provision of applicable law on the conclusions expressed above and (ii) any provision of the MSFL Senior Debt Indenture that purports to avoid the effect of fraudulent conveyance, fraudulent transfer or similar provision of applicable law by limiting the amount of Morgan Stanley's obligation under the related guarantee. This opinion is given as of the date hereof and is limited to the laws of the State of New York, the General Corporation Law of the State of Delaware and the Delaware Limited Liability Company Act. In addition, this opinion is subject to customary assumptions about the trustee's authorization, execution and delivery of the MSFL Senior Debt Indenture and its authentication of the securities and the validity, binding nature and enforceability of the MSFL Senior Debt Indenture with respect to the trustee, all as stated in the letter of such counsel dated November 16, 2017, which is Exhibit 5-a to the Registration Statement on Form S-3 filed by Morgan Stanley on November 16, 2017.

Contact: Morgan Stanley clients may contact their local Morgan Stanley branch office or Morgan Stanley's principal executive offices at 1585 Broadway, New York, New York 10036 (telephone number (866) 477-4776). All other clients may contact their local brokerage representative. Third-party distributors may contact Morgan Stanley Structured Investment Sales at (800) 233-1087.

Where you can find more information: Morgan Stanley and MSFL have filed a registration statement (including a prospectus, as supplemented by the product supplement for auto-callable securities and the index supplement) with the Securities and Exchange Commission, or SEC, for the offering to which this communication relates. You should read the prospectus in that registration statement, the product supplement for auto-callable securities, the index supplement and any other documents relating to this offering that Morgan Stanley and MSFL have filed with the SEC for more complete information about Morgan Stanley, MSFL and this offering. You may get these documents without cost by visiting EDGAR on the SEC web site at www.sec.gov. Alternatively, Morgan Stanley, MSFL, any underwriter or any dealer participating in the offering will arrange to send you the prospectus, the product supplement for auto-callable securities and the index supplement if you so request by calling toll-free 1-(800)-584-6837.

You may access these documents on the SEC web site at www.sec.gov as follows:

Product Supplement for Auto-Callable Securities dated November 16, 2017

Index Supplement dated November 16, 2017

Prospectus dated November 16, 2017

Terms used but not defined in this document are defined in the product supplement for auto-callable securities, in the index supplement or in the prospectus.