MORGAN STANLEY Form 424B2 January 15, 2019

CALCULATION OF REGISTRATION FEE

Maximum Aggregate Amount of Registration

Title of Each Class of Securities Offered Offering Price Fee

\$21,170,000 \$2,565.80 **Buffered Equity Notes**

due 2020

PROSPECTUS Dated November 16, 2017 Pricing Supplement No. 1,454 to

PROSPECTUS SUPPLEMENT Dated November 16, 2017 Registration Statement Nos. 333-221595;

INDEX SUPPLEMENT Dated November 16, 2017 Dated January 11, 2019

Rule 424(b)(2)

\$21,170,000

Morgan Stanley Finance LLC

GLOBAL MEDIUM-TERM NOTES, SERIES A Senior Notes

Buffered Equity Notes Based on the Value of the S&P 500® Index due July 15, 2020

Fully and Unconditionally Guaranteed by Morgan Stanley

Principal at Risk Securities

The Buffered Equity Notes Based on the Value of the S&P 500® Index due July 15, 2020, which we refer to as the securities, are unsecured obligations of Morgan Stanley Finance LLC ("MSFL") and are fully and unconditionally guaranteed by Morgan Stanley. Unlike ordinary debt securities, the securities do not pay interest and do not guarantee any return of principal at maturity. At maturity, you will receive for each security that you hold an amount in cash that will vary depending on the closing value of the S&P 500[®] Index, which we refer to as the index, on each of the five averaging dates. If the arithmetic average of the closing value of the index on each of the averaging dates (the "final index value") has increased in value from the initial index value, you will receive a return on your investment equal to the index return, subject to the maximum payment at maturity of \$1,180.00 per security, or 118.00% of the stated principal amount. If the final index value has remained unchanged from the initial index value or has depreciated in value, but has not declined by more than the buffer amount of 20% from the initial index value, the securities will redeem for par. However, if the final index value has declined by more than the buffer amount of 20% from the initial index value, investors will lose 1.25% for every 1% decline beyond the specified buffer amount. Under these circumstances, the payment at maturity will be less than the stated principal amount and could be zero. Accordingly, you could lose your entire investment in the securities. The securities are for investors who seek an

equity index-based return and who are willing to risk their principal and forgo current income and upside above the maximum payment at maturity in exchange for the buffer feature that applies to a limited range of performance of the index. The securities are notes issued as part of MSFL's Series A Global Medium-Term Notes program.

All payments are subject to our credit risk. If we default on our obligations, you could lose some or all of your investment. These securities are not secured obligations and you will not have any security interest in, or otherwise have any access to, any underlying reference asset or assets.

The stated principal amount and original issue price of each security is \$1,000.

We will not pay interest on the securities.

At maturity, you will receive an amount of cash per security based on the final index value, which is the arithmetic average of the closing value of the index on each of the five averaging dates, as follows:

If the final index value is greater than the initial index value, meaning the value of the index, as measured on each of the five averaging dates, has increased from the initial index value, you will receive for each \$1,000 stated principal °amount of securities that you hold a payment at maturity equal to \$1,000 plus the product of \$1,000 and the index return, subject to the maximum payment at maturity of \$1,180.00 per security (118.00% of the stated principal amount).

If the final index value is less than or equal to the initial index value but greater than or equal to 2,077.008, which is 80% of the initial index value, meaning the value of the index, as measured on each of the five averaging dates, has remained unchanged or has declined by no more than the buffer amount of 20% from the initial index value, you will receive for each \$1,000 stated principal amount of securities that you hold a payment at maturity equal to \$1,000.

If the final index value is less than 2,077.008, which is 80% of the initial index value, meaning the value of the index, as measured on each of the five averaging dates, has declined by more than the buffer amount of 20% from the initial index value, you will receive for each \$1,000 stated principal amount of securities that you hold a payment at "maturity equal to \$1,000 + [\$1,000 × (index return + buffer amount) × downside factor]. Under these circumstances, the payment at maturity will be less than the stated principal amount of \$1,000 and could be zero. Please see the graph and table illustrating the payment at maturity in "Hypothetical Payout on the Securities at Maturity" on PS-7.

The index return will be a fraction, the numerator of which will be the final index value minus the initial index value and the denominator of which will be the initial index value.

The buffer amount is 20%.

The downside factor is 1.25.

The initial index value is 2,596.26, the index closing value on January 11, 2019, which we refer to as the pricing date.

• The final index value will equal the arithmetic average of the index closing value on each of the five averaging dates.

The averaging dates will be July 6, 2020, July 7, 2020, July 8, 2020, July 9, 2020 and July 10, 2020, subject to postponement for non-index business days and certain market disruption events.

Investing in the securities is not equivalent to investing in the index or its component stocks.

The securities will not be listed on any securities exchange.

The estimated value of the securities on the pricing date is \$986.10 per security. See "Summary of Pricing Supplement" beginning on PS-3.

• The CUSIP number for the securities is 61768DYQ2. The ISIN number for the securities is US61768DYQ23.

You should read the more detailed description of the securities in this pricing supplement. In particular, you should review and understand the descriptions in "Summary of Pricing Supplement," "Terms of the Securities" and "Additional Information About the Securities."

The securities are riskier than ordinary debt securities. See "Risk Factors" beginning on PS-8.

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

PRICE \$1,000 PER SECURITY

 Price to
 Agent's
 Proceeds to

 Public
 Commissions(1)(2)
 $Us^{(3)}$

 Per security
 \$1,000
 \$12.50
 \$987.50

 Total
 \$21,170,000 \$264,625
 \$20,905,375

- J.P. Morgan Securities LLC and JPMorgan Chase Bank, N.A. will act as placement agents for the securities. The placement agents will forgo fees for sales to certain fiduciary accounts. The total fees represent the amount that (1) the placement agents receive from sales to accounts other than such fiduciary accounts. The placement agents will receive a fee from the Issuer or one of its affiliates that will not exceed \$12.50 per \$1,000 stated principal amount of accounts of accounts.
- (2) Please see "Additional Information About the Securities—Supplemental information regarding plan of distribution; conflicts of interest" in these preliminary terms for information about fees and commissions.
- (3) See "Additional Information About the Securities—Use of proceeds and hedging" on page PS-24.

The Agent for this offering, Morgan Stanley & Co. LLC, is our affiliate. See "Additional Information About the Securities—Supplemental Information Concerning Plan of Distribution; Conflicts of Interest."

The securities are not deposits or savings accounts and are not insured by the Federal Deposit Insurance Corporation or any other governmental agency or instrumentality, nor are they obligations of, or guaranteed by, a bank.

As used in this document, "we," "us" and "our" refer to Morgan Stanley or MSFL, or Morgan Stanley and MSFL collectively, as the context requires.

MORGAN STANLEY

For a description of certain restrictions on offers, sales and deliveries of the securities and on the distribution of this pricing supplement and the accompanying prospectus supplement, index supplement and prospectus relating to the securities, see the section of this pricing supplement called "Additional Information About the Securities—Supplemental Information Concerning Plan of Distribution; Conflicts of Interest."

No action has been or will be taken by us, the Agent or any dealer that would permit a public offering of the securities or possession or distribution of this pricing supplement or the accompanying prospectus supplement, index supplement or prospectus in any jurisdiction, other than the United States, where action for that purpose is required. Neither this pricing supplement nor the accompanying prospectus supplement, index supplement and prospectus may be used for the purpose of an offer or solicitation by anyone in any jurisdiction in which such offer or solicitation is not authorized or to any person to whom it is unlawful to make such an offer or solicitation.

In addition to the selling restrictions set forth in "Plan of Distribution (Conflicts of Interest)" in the accompanying prospectus supplement, the following selling restrictions also apply to the securities:

The securities have not been and will not be registered with the Comissão de Valores Mobiliários (The Brazilian Securities Commission). The securities may not be offered or sold in the Federative Republic of Brazil except in circumstances which do not constitute a public offering or distribution under Brazilian laws and regulations.

The securities have not been registered with the Superintendencia de Valores y Seguros in Chile and may not be offered or sold publicly in Chile. No offer, sales or deliveries of the securities or distribution of this pricing supplement or the accompanying prospectus supplement, index supplement or prospectus, may be made in or from Chile except in circumstances which will result in compliance with any applicable Chilean laws and regulations.

The securities have not been registered with the National Registry of Securities maintained by the Mexican National Banking and Securities Commission and may not be offered or sold publicly in Mexico. This pricing supplement and the accompanying prospectus supplement, index supplement and prospectus may not be publicly distributed in Mexico.

SUMMARY OF PRICING SUPPLEMENT

The following summary describes the securities in general terms only. You should read the summary together with the more detailed information that is contained in the rest of this pricing supplement and in the accompanying prospectus supplement, index supplement and prospectus. You should carefully consider, among other things, the matters set forth in "Risk Factors."

The securities are medium-term debt securities issued by MSFL and are fully and unconditionally guaranteed by Morgan Stanley. The securities do not pay interest and do not guarantee any return of principal at maturity. The securities have been designed for investors who are willing to forgo market floating interest rates in exchange for a payment at maturity based on the closing value of the S&P 500® Index, which we refer to as the index, as measured on each of the five averaging dates, as follows: If the value of the index, as measured on the five averaging dates, has appreciated at all as compared to the initial index value, you will realize a positive return on your investment in the securities equal to the index return, subject to the maximum payment at maturity of \$1,180.00 per security (118.00% of the stated principal amount). If the value of the index, as measured on the five averaging dates, has remained unchanged or has depreciated in value, but has not declined by more than the buffer amount of 20% from its initial index value, the payment at maturity will be \$1,000 per security. However, if the value of the index, as measured on the five averaging dates, has depreciated as compared to the initial index value by more than the buffer amount, the payment at maturity will be less, and possibly significantly less, than the stated principal amount of the securities. You could lose your entire investment in the securities. All payments on the securities are subject to our credit risk.

"Standard & Poor's "S&P" "S&P 500" "Standard & Poor's 500" and "500" are trademarks of Standard & Poor's Financial Services LLC, a subsidiary of The McGraw-Hill Companies, Inc.

Each security costs \$1,000

We are offering the Buffered Equity Notes Based on the Value of the S&P 500[®] Index due July 15, 2020, which we refer to as the securities. The stated principal amount and original issue price of each security is \$1,000.

The original issue price includes costs associated with issuing, selling, structuring and hedging the securities, which are borne by you, and, consequently, the estimated value of the securities on the pricing date is less than \$1,000. We estimate that the value of each security on the pricing date is \$986.10.

What goes into the estimated value on the pricing date?

In valuing the securities on the pricing date, we take into account that the securities comprise both a debt component and a performance-based component linked to the index. The estimated value of the securities is determined using our own pricing and valuation models, market inputs and assumptions relating to the index, instruments based on the index, volatility and other factors including current and expected interest rates, as well as an interest rate related to our secondary market credit spread, which is the implied interest rate at which our conventional fixed rate debt trades in the secondary market.

What determines the economic terms of the securities?

In determining the economic terms of the securities, including the buffer amount, the downside factor and the maximum payment at maturity, we use an internal funding rate, which is likely to be lower than our secondary market credit spreads and therefore advantageous to us. If the issuing, selling, structuring and hedging costs borne by you were lower or if the internal funding rate were higher, one or more of the economic terms of the securities would be more favorable to you.

What is the relationship between the estimated value on the pricing date and the secondary market price of the securities?

The price at which Morgan Stanley & Co. LLC, which we refer to as MS & Co., purchases the securities in the secondary market, absent changes in market conditions, including those related to the index, may vary from, and be lower than, the estimated value on the pricing date, because the secondary market price takes into account our secondary market credit spread as well as the bid-offer spread that MS & Co. would charge in a secondary market transaction of this type and other factors. 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 index, and to our secondary market credit spreads, it would do so based on values higher than the estimated value. We expect that those higher values will also be reflected in your brokerage account statements.

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.

The securities do not guarantee the return of any principal at maturity; no interest

Payment at maturity final index value

Unlike ordinary debt securities, the securities do not pay interest and do not guarantee the return of any principal at maturity. At maturity, you will receive for each \$1,000 stated principal amount of securities that you hold an amount in cash that will vary depending on the closing value of the index on the five averaging dates, and this amount may be significantly less than the stated principal amount of the securities. If the value of the index, as measured on the five averaging dates, declines by more than the buffer amount of 20% from the initial index value, for every 1% decline beyond the buffer amount, you will lose an amount equal to 1.25% of the principal amount of your securities. Accordingly, you could lose your entire investment in the securities.

At maturity, you will receive for each \$1,000 stated principal amount of securities that you hold an depends on the amount in cash that will vary depending upon the closing value of the index on the five averaging dates, determined as follows:

> If the final index value is greater than the initial index value, you will receive for each \$1,000 stated principal amount of securities that you hold a payment at maturity equal to: $$1,000 + $1,000 \times \text{ the index return, subject to the maximum payment at maturity}$

where.

final index value – initial index value index return =

initial index value

The arithmetic average of the index closing value on each of the five averaging dates, subject final index value =

to postponement for non-index business days and certain market disruption events

initial index value =

2,596.26, the closing value of the index on January 11, 2019, which we refer to as the pricing date

maximum payment at maturity =

\$1,180.00 per security (118.00% of the stated principal amount)

- If the final index value is less than or equal to the initial index value but greater than or equal to 2,077.008, which is 80% of the initial index value, meaning the value of the index, as measured on the five averaging dates, has remained unchanged or has declined by no more than the buffer amount of 20% from the initial index value, you will receive for each \$1,000 stated principal amount of securities that you hold a payment at maturity equal to: \$1,000
- If the final index value is less than 2,077.008, which is 80% of the initial index value, meaning the value of the index, as measured on the five averaging dates, has declined by more than the buffer amount of 20% from the initial index value, you will receive for each \$1,000 stated principal amount of securities that you hold a payment at maturity equal to:

 $$1,000 + [$1,000 \times (index return + buffer amount) \times downside factor]$ where.

buffer amount 20%

1.25 downside factor =

Under these circumstances, the payment at maturity will be less than the stated principal amount of \$1,000 and could be zero.

All payments on the securities are subject to our credit risk.

Beginning on PS-7, in the section titled "Hypothetical Payout on the Securities at Maturity," we have provided a graph illustrating the payout on the securities at maturity over a range of hypothetical final index values. The examples do not show every situation that can occur.

You can review the historical values of the index in the section of this pricing supplement called "Additional Information About the Securities—Historical Information" starting on PS-22. You cannot predict the future performance of the index based on its historical performance.

Investing in the securities is not equivalent to investing in the index or its component stocks.

We have appointed our affiliate, Morgan Stanley & Co. LLC, which we refer to as MS & Co., to act Morgan as calculation agent for The Bank of New York Mellon, a New York banking corporation, the trustee Stanley & Co. LLC will be the for our senior notes. As calculation agent, MS & Co. has determined the initial index value and will calculation determine the final index value, the index return, whether a market disruption event has occurred and agent

the payment that you will receive at maturity, if any. Morgan

The Agent for the offering of the securities, MS & Co., a wholly owned subsidiary of Morgan Stanley & Co. Stanley and an affiliate of MSFL, will conduct this offering in compliance with the requirements of LLC will be the FINRA Rule 5121 of 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

conflicts of related interest

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conflicts of interest. MS & Co. or any of our other affiliates may not make sales in this offering to any discretionary account. See "Additional Information About the Securities—Supplemental Information Concerning Plan of Distribution; Conflicts of Interest" starting on PS-24.

Where you information on the securities

The securities are unsecured debt securities issued as part of our Series A medium-term note program. You can find a general description of our Series A medium-term note program in the can find more accompanying prospectus supplement dated November 16, 2017, the index supplement dated

November 16, 2017 and the prospectus dated November 16, 2017. We describe the basic features of this type of debt security in the sections of the prospectus supplement called "Description of Notes—Notes Linked to Commodity Prices, Single Securities, Baskets of Securities or Indices" and in the section of the prospectus called "Description of Debt Securities—Fixed Rate Debt Securities."

Because this is a summary, it does not contain all of the information that may be important to you. For a detailed description of the terms of the securities, you should read the "Terms of the Securities" section in this pricing supplement. You should also read the "Additional Information About the Securities" section. You should also read about some of the risks involved in investing in the securities in the section called "Risk Factors." The tax and accounting treatment of investments in equity-linked securities such as these may differ from that of investments in ordinary debt securities or common stock. See the section of this pricing supplement called "Additional Information About the Securities-United States Federal Taxation." We urge you to consult with your investment, legal, tax, accounting and other advisers with regard to any proposed or actual investment in the securities.

How to reach You may contact your local Morgan Stanley branch office or Morgan Stanley's principal executive offices at 1585 Broadway, New York, New York 10036 (telephone number (212) 761-4000). us

HYPOTHETICAL PAYOUT ON THE SECURITIES AT MATURITY

The following graph and table illustrate the hypothetical return at maturity on the securities.

The graph and table are based on the following terms:

Stated principal amount: \$1,000 per security

Buffer amount: 20% Downside factor: 1.25

Maximum payment at maturity: \$1,180.00 per security (118.00% of the stated principal amount)

Upside Scenario. If the final index value is greater than the initial index value, investors will receive at maturity the \$1,000 stated principal amount plus 100% of the appreciation of the index over the term of the securities, subject to the maximum payment at maturity of \$1,180.00 per security (118.00% of the stated principal amount).

Par Scenario. If the final index value is less than or equal to the initial index value but has decreased from the initial index value by an amount less than or equal to the buffer amount of 20%, investors will receive the stated principal amount of \$1,000 per security.

Downside Scenario. If the final index value is less than the initial index value and has decreased from the initial index value by an amount greater than the buffer amount of 20%, investors will receive an amount that is less than the stated principal amount by an amount that is proportionate to the percentage decrease beyond the buffer amount of 20% times the downside factor of 1.25.

For example, if the index depreciates 36%, investors would lose 20% of their principal and receive only \$800 per security at maturity, or 80% of the stated principal amount.

The "Return on Securities" as used in this pricing supplement is the number, expressed as a percentage, that results from comparing the payment at maturity per \$1,000 principal amount security to \$1,000. The hypothetical returns set forth below reflect the maximum payment at maturity of \$1,180.00 per security and assume an initial index value of 2,500.00. The actual initial index value is set forth on the cover hereof. The hypothetical returns set forth below are for illustrative purposes only and may not reflect the actual returns applicable to a purchaser of the securities.

Final Index Value	e Index Retur	n Return on Securities
3,500.00	40.00%	18.00%
3,250.00	30.00%	18.00%
3,000.00	20.00%	18.00%
2,950.00	18.00%	18.00%
2,875.00	15.00%	15.00%
2,750.00	10.00%	10.00%
2,625.00	5.00%	5.00%
2,500.00	0%	0%
2,375.00	-5.00%	0%
2,250.00	-10.00%	0%
2,000.00	-20.00%	0%
1,975.00	-21.00%	-1.25%
1,750.00	-30.00%	-12.50%
1,500.00	-40.00%	-25.00%
1,250.00	-50.00%	-37.50%
1,000.00	-60.00%	-50.00%
500.00	-80.00%	-75.00%
0.00	-100.00%	-100.00%

Hypothetical Examples of Amounts Payable at Maturity

The following examples illustrate how the returns on the securities set forth in the table are calculated.

Example 1: The value of the index increases from the initial index value of 2,500 to a final index value of 3,250. Because the index return of 30% would result in a payment at maturity that is greater than the maximum payment at maturity, the investor receives only the maximum payment at maturity of \$1,180.00 per security.

Example 2: The value of the index increases from the intial index value of 2,500 to a final index value of 2,750. Because the final index value is greater than the initial index value but less than 118.00% of the stated principal amount (the maximum payment at maturity), the investor receives for each \$1,000 stated principal amount of securities a payment at maturity equal to \$1,000 plus the product of \$1,000 and the index return, calculated as follows:

 $1,000 + [1,000 \times (index return)]$

 $1,000 + [1,000 \times (2,750 - 2,500 / 2,500)] = 1,100.00$

Example 3: The value of the index decreases from the initial index value of 2,500 to a final index value of 1,250. Because the final index value is less than 80% of the initial index value, meaning the value of the index has declined by more than the buffer amount of 20% from the initial index value, the investor receives for each \$1,000 stated principal amount of securities a payment at maturity that is less than the principal amount, calculated as follows:

 $1,000 + [1,000 \times (index return + buffer amount) \times downside factor]$

 $1,000 + [1,000 \times (-50.00\% + 20.00\%) \times 1.25] = 625.00$

RISK FACTORS

The securities are not secured debt and, unlike ordinary debt securities, do not pay any interest and do not guarantee any return of principal at maturity. Investing in the securities is not equivalent to investing in the index or its component stocks. This section describes the most significant risks relating to the securities. For a further discussion of risk factors, please see the accompanying prospectus supplement, index supplement and prospectus.

The securities do not pay interest or guarantee the return of any principal at maturity

The terms of the securities differ from those of ordinary debt securities in that we will not pay you any interest or guarantee the payment of any of the principal amount at maturity. At maturity, you will receive for each \$1,000 stated principal amount of securities that you hold an amount in cash based upon the closing value of the index on each of the five averaging dates. If the final index value decreases from the initial index value by more than the buffer amount of 20%, you will receive an amount in cash that is less than the \$1,000 stated principal amount of each security by an amount proportionate to the decline in the value of the index, as measured on the five averaging dates, beyond the buffer amount of 20% times the downside factor of 1.25. There is no minimum payment at maturity on the securities, and you could lose your entire investment. See "Hypothetical Payout on the Securities at Maturity" on PS-7.

The appreciation potential of the securities is limited by the maximum payment at maturity

The appreciation potential of the securities is limited by the maximum payment at maturity of \$1,180.00 per security, or 118.00% of the stated principal amount. Therefore, any increase in the final index value over the initial index value by more than 18.00% of the initial index value will not further increase the return on the securities.

The market price of unpredictable factors

the securities will be Several factors, many of which are beyond our control, will influence the value of the securities influenced by many in the secondary market and the price at which MS & Co. may be willing to purchase or sell the securities in the secondary market, including:

- the value of the index at any time,
- the volatility (frequency and magnitude of changes in value) of the index,
- dividend rates on the securities underlying the index,
- interest and yield rates in the market,
- geopolitical conditions and economic, financial, political, regulatory or judicial events that affect the securities markets generally or the component stocks of the index and which may affect the value of the index,
- the time remaining until the maturity of the securities,
- the composition of the index and changes in the constituent stocks of the index, and
- any actual or anticipated changes in our credit ratings or credit spreads.

Some or all of these factors will influence the price you will receive if you sell your securities prior to maturity. For example, you may have to sell your securities at a substantial discount from the stated principal amount if at the time of sale the value of the index is at or below the initial index value.

You cannot predict the future performance of the index based on its historical performance. There can be no assurance that you will not suffer a loss on your initial investment in the securities.

The securities are subject

You are dependent on our ability to pay all amounts due on the securities at maturity

to our credit risk, and changes to our credit ratings or credit spreads may adversely affect the market value of the securities

and therefore you are subject to our credit risk. If we default on our obligations under the any actual or anticipated 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 amount payable at maturity, if any, is based on the arithmetic average of the closing value of the index on each of the five averaging dates, and therefore the payment at if it were based solely on the closing value on the final averaging date

The amount payable at maturity, if any, will be calculated by reference to the average of the closing values of the index on the five averaging dates. Therefore, in calculating the final index value, positive performance of the index as of some averaging dates may be moderated, or wholly offset, by lesser or negative performance as of other averaging dates. Similarly, the final index value, calculated based on the closing value of the index on the five averaging dates, may be less than the closing value of the index on the final averaging date, and as a result, the payment at maturity you receive may be less than if it were based maturity may be less than solely on the closing value of the index on the final averaging date. Investing in the securities is not the same as investing in securities that offer 1-to-1 upside exposure to the performance of the index.

The securities will not be listed on any securities exchange and secondary trading may be limited

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 index, 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.

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 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 of the securities will be influenced by many unpredictable factors" above.

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

Investing in the securities is not equivalent to investing in the index

Investing in the securities is not equivalent to investing in the index or its component stocks. Investors in the securities will not have voting rights or rights to receive dividends or other distributions or any other rights with respect to stocks that constitute the index.

S&P Dow Jones Indices LLC, which we refer to as S&P, is responsible for calculating and maintaining the index. S&P can add, delete or substitute the stocks underlying the index, and can make other methodological changes required by certain events relating to the underlying stocks, such as stock dividends, stock splits, spin-offs, rights offerings and extraordinary dividends, that could change the value of the index. Any of these actions could adversely affect the value of the securities.

Adjustments to the index could adversely affect the value of the securities

S&P may discontinue or suspend calculation or publication of the 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. determines that there is no appropriate successor index, the payout on the

securities at maturity will be an amount based on the closing prices on the five averaging dates of the stocks underlying the index at the time of such discontinuance, without rebalancing or substitution, computed by the calculation agent in accordance with the formula for and method of calculating the index last in effect prior to the discontinuance of the index.

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 and will determine the final index value, the index return and the payment that you will receive 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 the 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 "Final Terms of the Securities — Index Closing Value," "—Calculation Agent," "—Market Disruption Event," "—Averaging Date(s)," "— Alternate Exchange Calculation in of an Event of Default and "—Discontinuance of the Index; Alteration of Method of Calculation" in this pricing supplement. In addition, MS & Co. has determined the estimated value of the securities on the pricing date.

Hedging and trading activity by our affiliates could potentially adversely 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 index or its component stocks), including trading in the stocks that constitute the index as well as in other instruments related to the index. 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 averaging dates approach. Some of our affiliates also trade the stocks that constitute the index and other financial instruments related to the index 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 and, therefore, could have increased the value at or above which the index must close on the averaging dates so that you do not suffer a loss on your initial investment in the securities. Additionally, such hedging or trading activities during the term of the securities, including on the averaging dates, could adversely affect the final index value and, accordingly, the amount of cash an investor will receive at maturity, if any.

The U.S. federal income tax consequences of an investment in the securities are uncertain

Please note that the discussions in this pricing supplement concerning the U.S. federal income tax consequences of an investment in the securities supersede the discussions contained in the accompanying prospectus supplement.

Subject to the discussion under "United States Federal Taxation" in this pricing supplement, although there is uncertainty regarding the U.S. federal income tax consequences of an investment in the securities due to the lack of governing authority, in the opinion of our counsel, Davis Polk & Wardwell LLP ("our counsel"), under current law, and based on current market conditions, it is more likely than not that each security will be treated as a single financial contract that is an "open transaction" for U.S. federal income tax purposes.

If the Internal Revenue Service (the "IRS") were successful in asserting an alternative treatment for the securities, the timing and character of income 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 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. We do not plan to request a ruling from the IRS regarding the tax treatment of the securities, and the IRS or a court may not agree with the tax treatment described in this pricing supplement.

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 in particular on whether to require holders of these 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; the degree, if any, to which income (including any mandated accruals) realized by non-U.S. investors should be subject to withholding tax; and 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. While the notice requests comments on appropriate transition rules and effective dates, 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.

Both U.S. and Non-U.S. Holders should read carefully the discussion under "United States Federal Taxation" in this pricing supplement and consult their tax advisers regarding all aspects of the U.S. federal tax consequences of an investment in the securities as well as any tax consequences arising under the laws of any state, local or non-U.S. taxing jurisdiction.

FINAL TERMS OF THE SECURITIES

Terms not defined herein have the meanings given to such terms in the accompanying prospectus supplement. The term "Security" refers to each \$1,000 Stated Principal Amount of our Buffered Equity Notes Based on the Value of the S&P 500[®] Index due July 15, 2020.

Aggregate

Principal Amount

\$21,170,000

Pricing Date

January 11, 2019

(Settlement Date)

Original Issue Date January 16, 2019 (3 Business Days after the Pricing Date)

Maturity Date

July 15, 2020, subject to extension as described in the following paragraph.

If, due to a Market Disruption Event or otherwise, the final Averaging Date is postponed so that it falls less than two Business Days prior to the scheduled Maturity Date, the Maturity Date will be postponed to the second Business Day following the final Averaging Date as postponed. See "Averaging Dates" below.

Issue Price

100% (\$1,000 per Security)

Stated Principal

Amount

\$1,000 per Security

Denominations

\$1,000 and integral multiples thereof

CUSIP

61768DYQ2

ISIN

US61768DYO23

Specified Currency U.S. dollars

Payment at

Maturity

At maturity, upon delivery of the Securities to the Trustee, we will pay with respect to the \$1,000 Stated Principal Amount of each Security an amount in cash, as determined by the Calculation Agent, equal to:

(i) if the Final Index Value is greater than the Initial Index Value, meaning the value of the Index, as measured on the five Averaging Dates, has increased from the Initial Index Value, \$1,000 plus the product of \$1,000 and the Index Return, subject to the Maximum Payment at Maturity,

(ii) if the Final Index Value is less than or equal to the Initial Index Value but greater than or equal to 2,077.008, which is 80% of the Initial Index Value (subject to potential adjustment upon the selection of a Successor Index), meaning the value of the Index, as measured on the five Averaging Dates, has remained unchanged or has declined by no more than the Buffer Amount of 20% from the Initial Index Value, the Stated Principal Amount of \$1,000, or

(iii) if the Final Index Value is less than 2,077.008, which is 80% of the Initial Index Value (subject to potential adjustment upon the selection of a Successor Index), meaning the value of the Index, as measured on the five Averaging Dates, has declined by

more than the Buffer Amount of 20% from the Initial Index Value,

\$1,000 + [\$1,000 x (Index Return + Buffer Amount) x Downside Factor]

We shall, or shall cause the Calculation Agent to, (i) provide written notice to the Trustee and to The Depository Trust Company, which we refer to as DTC, of the amount of cash to be delivered with respect to the \$1,000 Stated Principal Amount of each Security, on or prior to 10:30 a.m. (New York City time) on the Business Day preceding the Maturity Date, and (ii) deliver the aggregate cash amount due with respect to the Securities to the Trustee for delivery to DTC, as holder of the Securities, on or prior to the Maturity Date. We expect such amount of cash will be distributed to investors on the Maturity Date in accordance with the standard rules and procedures of DTC and its direct and indirect participants. See "—Book Entry Security or Certificated Security" below, and see "Forms of Securities—The Depositary" in the accompanying prospectus.

Maximum Payment at Maturity \$1,180.00 per Security (118.00% of the Stated Principal Amount)

Buffer Amount 20%

Downside Factor 1.25

Index Return