MORGAN STANLEY Form FWP February 26, 2019

March 2019

Preliminary Terms No. 1,642

Registration Statement Nos. 333-221595; 333-221595-01

Dated February 25, 2019

Filed pursuant to Rule 433

Morgan Stanley Finance LLC

Structured Investments

Opportunities in U.S. Equities

Buffered PLUS Based on the Value of the S&P 500[®] Index due March 31, 2021

Buffered Performance Leveraged Upside SecuritiesSM

Fully and Unconditionally Guaranteed by Morgan Stanley

Principal at Risk Securities

The Buffered PLUS offered are unsecured obligations of Morgan Stanley Finance LLC ("MSFL") and are fully and unconditionally guaranteed by Morgan Stanley. The Buffered PLUS will pay no interest, provide a minimum payment at maturity of only 15% of the stated principal amount and have the terms described in the accompanying product supplement for PLUS, index supplement and prospectus, as supplemented or modified by this document. At maturity, if the underlying index has **appreciated** in value, investors will receive the stated principal amount of their investment plus leveraged upside performance of the underlying index, subject to the maximum payment at maturity. If the underlying index has **depreciated** in value, but the underlying index has not declined by more than the specified buffer amount, the Buffered PLUS will redeem for par. However, if the underlying index has declined by more than the buffer amount, investors will lose 1% for every 1% decline beyond the specified buffer amount, subject to the minimum payment at maturity of 15% of the stated principal amount. Investors may lose up to 85% of the stated principal amount of the Buffered PLUS. The Buffered PLUS 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 leverage and buffer features that in each case apply to a limited range of performance of the underlying index. The Buffered PLUS 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 Buffered PLUS 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.

Summary Terms

Issuer:Morgan Stanley Finance LLCGuarantor:Morgan Stanley

Maturity date: March 31, 2021
Underlying index: S&P 500® Index

Aggregate principal amount: \$

If the final index value is greater than the initial index

value:

\$1,000 + leveraged upside payment

In no event will the payment at maturity exceed the maximum payment at maturity

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 15%:

Payment at maturity per Buffered PLUS:

Leverage factor:

Buffer amount:

Minimum payment at maturity:

\$1.000

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 15%:

(\$1,000 x the index performance factor) + \$150

Under these circumstances, the payment at maturity will be less than the stated principal amount of \$1,000. However, under no circumstances will the Buffered PLUS pay less than \$150 per Buffered PLUS at

maturity.

Leveraged upside payment: $\$1,000 \times \text{leverage factor} \times \text{index percent increase}$ (final index value – initial index value) / initial index

value

Initial index value: , which is the index closing value on the pricing

date

Final index value: The index closing value on the valuation date

Valuation date:

March 26, 2021, subject to postponement for non-index business days and certain market disruption events

200%

15%. As a result of the buffer amount of 15%, the value at or above which the underlying index must close on the valuation date so that investors do not suffer a loss on their initial investment in the Buffered PLUS is , which is 85% of the initial index value. \$150 per Buffered PLUS (15% of the stated principal

amount)

Index performance factor:

Maximum payment at maturity:

Final index value divided by the initial index value

\$1,140 to \$1,150 per Buffered PLUS (114% to 115% of the stated principal amount). The actual maximum payment at maturity will be determined on the pricing

date.

Stated principal amount: \$1,000 per Buffered PLUS

Issue price: \$1,000 per Buffered PLUS (see "Commissions and issue

price" below)

Pricing date: March 26, 2019

Original issue date: March 29, 2019 (3 business days after the pricing date)

CUSIP: 61768DU52 **ISIN:** US61768DU521

Listing: The Buffered PLUS will not be listed on any securities

exchange.

Morgan Stanley & Co. LLC ("MS & Co."), an affiliate of

Agent: MSFL and a wholly owned subsidiary of Morgan

Stanley See "Supplemental information regarding pla

Stanley. See "Supplemental information regarding plan

of distribution; conflicts of interest."

Approximately \$967.40 per Buffered PLUS, or within \$15.00 of that estimate. See "Investment Summary"

beginning on page 2.

Commissions and issue price: Price to public Agent's commissions⁽¹⁾ Proceeds to us⁽²⁾

 Per Buffered PLUS
 \$1,000
 \$20
 \$980

 Total
 \$
 \$
 \$

Selected dealers and their financial advisors will collectively receive from the agent, MS & Co., a fixed sales commission of \$20 for each Buffered PLUS they sell. See "Supplemental information regarding plan of distribution; on flicts of interest." For additional information, see "Plan of Distribution (Conflicts of Interest)" in the

conflicts of interest." For additional information, see "Plan of Distribution (Conflicts of Interest)" in the accompanying product supplement for PLUS.

(2) See "Use of proceeds and hedging" on page 12.

Estimated value on the pricing date:

The Buffered PLUS involve risks not associated with an investment in ordinary debt securities. See "Risk Factors" beginning on page 5.

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

The Buffered PLUS 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.

You should read this document together with the related product supplement, index supplement and prospectus, each of which can be accessed via the hyperlinks below. Please also see "Additional Terms of the Buffered PLUS" and "Additional Information About the Buffered PLUS" at the end of this document.

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.

Product Supplement for PLUS dated November 16, 2017 Index Supplement dated November 16, 2017

Prospectus dated November 16, 2017

Morgan Stanley Finance LLC
Buffered PLUS Based on the Value of the S&P 500® Index due March 31, 2021
Buffered Performance Leveraged Upside Securities SM
Principal at Risk Securities
Investment Summary
Buffered Performance Leveraged Upside Securities
Principal at Risk Securities
The Buffered PLUS Based on the Value of the S&P 500® Index due March 31, 2021 (the "Buffered PLUS") can be
used:
As an alternative to direct exposure to the underlying index that enhances returns for a certain range of positive
As an alternative to direct exposure to the underlying index that enhances returns for a certain range of positive performance of the underlying index, subject to the maximum payment at maturity
§ To enhance returns and potentially outperform the underlying index in a moderately bullish scenario
g 10 emiance returns and potentiany outperform the underlying index in a moderatery outlish scenario
To achieve similar levels of upside exposure to the underlying index as a direct investment, subject to the maximum payment at maturity, while using fewer dollars by taking advantage of the leverage factor.
payment at maturity, while using fewer donars by taking advantage of the leverage factor.
§ To obtain a buffer against a specified level of negative performance in the underlying index

Maturity: Approximately 2 years

Leverage factor: 200%

Maximum payment \$1,140 to \$1,150 per Buffered PLUS (114% to 115% of the stated principal amount). The

at maturity: actual maximum payment at maturity will be determined on the pricing date.

Buffer amount: 15%, with 1-to-1 downside exposure below the buffer

Minimum payment \$150 per Buffered PLUS (15% of the stated principal amount). Investors may lose up to 85%

at maturity: of the stated principal amount of the Buffered PLUS.

Coupon: None

The original issue price of each Buffered PLUS is \$1,000. This price includes costs associated with issuing, selling, structuring and hedging the Buffered PLUS, which are borne by you, and, consequently, the estimated value of the Buffered PLUS on the pricing date will be less than \$1,000. We estimate that the value of each Buffered PLUS on the pricing date will be approximately \$967.40, or within \$15.00 of that estimate. Our estimate of the value of the Buffered PLUS as determined on the pricing date will be set forth in the final pricing supplement.

What goes into the estimated value on the pricing date?

In valuing the Buffered PLUS on the pricing date, we take into account that the Buffered PLUS comprise both a debt component and a performance-based component linked to the underlying index. The estimated value of the Buffered PLUS is determined using our own pricing and valuation models, market inputs and assumptions relating to the underlying index, instruments based on the underlying 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 Buffered PLUS?

In determining the economic terms of the Buffered PLUS, including the leverage factor, the maximum payment at maturity, the buffer amount and the minimum 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 Buffered PLUS 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 Buffered PLUS?

The price at which MS & Co. purchases the Buffered PLUS in the secondary market, absent changes in market conditions, including those related to the underlying 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 Buffered PLUS 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 Buffered PLUS in the secondary market, absent changes in market conditions, including those related to the underlying 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 Buffered PLUS, and, if it once chooses to make a market, may cease doing so at any time.

Morgan Stanley Finance LLC

Buffered PLUS Based on the Value of the S&P 500[®] Index due March 31, 2021

Buffered Performance Leveraged Upside SecuritiesSM

Principal at Risk Securities

Key Investment Rationale

The Buffered PLUS offer leveraged upside exposure to the underlying index, subject to the maximum payment at maturity, while providing limited protection against negative performance of the underlying index. Once the underlying index has decreased in value by more than the specified buffer amount, investors are exposed to the negative performance of the underlying index, subject to the minimum payment at maturity. At maturity, if the underlying index has appreciated, investors will receive the stated principal amount of their investment plus leveraged upside performance of the underlying index, subject to the maximum payment at maturity. At maturity, if the underlying index has depreciated and (i) if the final index value of the underlying index has not declined from the initial index value by more than the specified buffer amount, the Buffered PLUS will redeem for par, or (ii) if the final index value of the underlying index has declined by more than the buffer amount, the investor will lose 1% for every 1% decline beyond the specified buffer amount, subject to the minimum payment at maturity. **Investors may lose up to 85% of the stated principal amount of the Buffered PLUS.**

Leveraged
Performance

The Buffered PLUS offer investors an opportunity to capture enhanced returns for a certain range of positive performance relative to a direct investment in the underlying index.

Upside Scenario

The underlying index increases in value, and, at maturity, the Buffered PLUS redeem for the stated principal amount of \$1,000 plus 200% of the index percent increase, subject to the maximum payment at maturity of \$1,140 to \$1,150 per Buffered PLUS (114% to 115% of the stated principal amount). The actual maximum payment at maturity will be determined on the pricing date.

Par Scenario

The underlying index declines in value by no more than 15%, and, at maturity, the Buffered PLUS redeem for the stated principal amount of \$1,000.

Downside Scenario

The underlying index declines in value by more than 15%, and, at maturity, the Buffered PLUS redeem for less than the stated principal amount by an amount that is proportionate to the percentage decrease of the underlying index from the initial index value, plus the buffer amount of 15%. (Example: if the underlying index decreases in value by 35%, the Buffered PLUS will redeem for \$800.00, or 80.00% of the stated principal amount.) The minimum payment at maturity is \$150 per Buffered PLUS.

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Principal at Risk Securities

How the Buffered PLUS Work

Payoff Diagram

The payoff diagram below illustrates the payment at maturity on the Buffered PLUS based on the following terms:

Stated principal amount: \$1,000 per Buffered PLUS

Leverage factor: 200% Buffer amount: 15%

Hypothetical maximum payment at \$1,145 per Buffered PLUS (114.50% of the stated principal amount, the

maturity: midpoint of the specified range)

Minimum payment at maturity: \$150 per Buffered PLUS

Buffered PLUS Payoff Diagram

How it works

Upside Scenario. If the final index value is greater than the initial index value, investors will receive the \$1,000 stated principal amount *plus* 200% of the appreciation of the underlying index over the term of the Buffered PLUS, § subject to the maximum payment at maturity. Under the terms of the Buffered PLUS, an investor will realize the hypothetical maximum payment at maturity of \$1,145 per Buffered PLUS (114.50% of the stated principal amount) at a final index value of 107.25% of the initial index value.

§ If the underlying index appreciates 2%, the investor would receive a 4% return, or \$1,040.00 per Buffered PLUS.

 \S If the underlying index appreciates 40%, the investor would receive only the hypothetical maximum payment at maturity of \$1,145 per Buffered PLUS, or 114.50% 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 15%, investors will receive the stated principal amount of \$1,000 per Buffered PLUS.

§ If the underlying index depreciates 5%, investors will receive the \$1,000 stated principal amount.

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 15%, investors will receive an amount that is less than § the stated principal amount by an amount that is proportionate to the percentage decrease of the value of the underlying index from the initial index value, plus the buffer amount of 15%. The minimum payment at maturity is \$150 per Buffered PLUS.

 \S For example, if the underlying index depreciates 45%, investors would lose 30.00% of their principal and receive only \$700 per Buffered PLUS at maturity, or 70.00% of the stated principal amount.

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Buffered Performance Leveraged Upside SecuritiesSM

Principal at Risk Securities

Risk Factors

The following is a non-exhaustive list of certain key risk factors for investors in the Buffered PLUS. For further discussion of these and other risks, you should read the section entitled "Risk Factors" in the accompanying product supplement for PLUS, index supplement and prospectus. We also urge you to consult your investment, legal, tax, accounting and other advisers in connection with your investment in the Buffered PLUS.

Buffered PLUS do not pay interest and provide a minimum payment at maturity of only 15% of your principal. The terms of the Buffered PLUS differ from those of ordinary debt securities in that the Buffered PLUS do not pay interest, and provide a minimum payment at maturity of only 15% of the stated principal amount of the Buffered PLUS, subject to our credit risk. If the final index value is less than 85% of the initial index value, you will receive for each Buffered PLUS that you hold a payment at maturity that is less than the stated principal amount of each Buffered PLUS by an amount proportionate to the decline in the closing value of the underlying index from the initial index value, plus \$150 per Buffered PLUS. Accordingly, investors may lose up to 85% of the stated principal amount of the Buffered PLUS.

The appreciation potential of the Buffered PLUS is limited by the maximum payment at maturity. The appreciation potential of the Buffered PLUS is limited by the maximum payment at maturity of \$1,140 to \$1,150 per Buffered PLUS, or 114% to 115% of the stated principal amount. The actual maximum payment at maturity will be \$determined on the pricing date. Although the leverage factor provides 200% exposure to any increase in the final index value over the initial index value, because the payment at maturity will be limited to 114% to 115% of the stated principal amount for the Buffered PLUS, any increase in the final index value over the initial index value by more than 7.00% to 7.50% of the initial index value will not further increase the return on the Buffered PLUS.

The market price of the Buffered PLUS will be influenced by many unpredictable factors. Several factors, many of which are beyond our control, will influence the value of the Buffered PLUS in the secondary market and the price at which MS & Co. may be willing to purchase or sell the Buffered PLUS in the secondary market, including the value, volatility (frequency and magnitude of changes in value) and dividend yield of the underlying index, interest and yield rates in the market, time remaining until the Buffered PLUS mature, geopolitical conditions and economic, financial, political, regulatory or judicial events that affect the underlying index or equities markets generally and which may affect the final index value of the underlying index and any actual or anticipated changes in our credit ratings or credit spreads. The value of the underlying index may be, and has recently been, volatile, and we can give you no assurance that the volatility will lessen. See "S&P 50® Index Overview" below. You may receive less, and possibly significantly less, than the stated principal amount per Buffered PLUS if you try to sell your Buffered PLUS prior to maturity.

The Buffered PLUS 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 Buffered PLUS. You are dependent on our ability to pay all amounts due on the Buffered PLUS at maturity and therefore you are subject to our credit risk. If we default on our obligations under the Buffered PLUS, your investment would be at risk and you could lose some or all of your investment. As a result, the market value of the Buffered PLUS 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 Buffered PLUS.

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 on the Buffered PLUS is not linked to the value of the underlying index at any time other than the valuation date. The final index value will be based on the index closing value on the valuation date, subject to postponement for non-index business days and certain market disruption events. Even if the value of the underlying index appreciates prior to the valuation date but then drops by the valuation date by more than 15% of the §initial index value, the payment at maturity will be less, and may be significantly less, than it would have been had the payment at maturity been linked to the value of the underlying index prior to such drop. Although the actual value of the underlying index on the stated maturity date or at other times during the term of the Buffered PLUS may be higher than the index closing value on the valuation date, the payment at maturity will be based solely on the index closing value on the valuation date.

Morgan Stanley Finance LLC

Buffered PLUS Based on the Value of the S&P 500® Index due March 31, 2021

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Principal at Risk Securities

Investing in the Buffered PLUS is not equivalent to investing in the underlying index. Investing in the Buffered PLUS is not equivalent to investing in the underlying index or its component stocks. As an investor in the Buffered PLUS, you will not have voting rights or rights to receive dividends or other distributions or any other rights with respect to stocks that constitute the underlying index.

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 Buffered PLUS in the original issue price reduce the economic terms of the Buffered PLUS, cause the estimated value of the Buffered PLUS 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 Buffered PLUS 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 Buffered PLUS in the original issue price and the lower rate we are willing to pay as issuer make the economic terms of the Buffered PLUS less favorable to you than they otherwise would be.

However, because the costs associated with issuing, selling, structuring and hedging the Buffered PLUS 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 Buffered PLUS in the secondary market, absent changes in market conditions, including those related to the underlying 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.

§ Adjustments to the underlying index could adversely affect the value of the Buffered PLUS. The underlying index publisher may add, delete or substitute the stocks constituting the underlying index or make other methodological changes that could change the value of the underlying index. The underlying index publisher may discontinue or suspend calculation or publication of the underlying index at any time. In these circumstances, the calculation agent will have the sole discretion to substitute a successor index that is comparable to the discontinued underlying index and is not precluded from considering indices that are calculated and published by the calculation agent or any of its affiliates. If the calculation agent determines that there is no appropriate successor index, the payment at maturity on the Buffered PLUS will be an amount based on the closing prices at maturity of the securities

composing the underlying index at the time of such discontinuance, without rebalancing or substitution, computed by the calculation agent in accordance with the formula for calculating the underlying index last in effect prior to discontinuance of the underlying index.

The estimated value of the Buffered PLUS 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 way to value these types of securities, our models may yield a higher estimated value of the Buffered PLUS than those generated by others, including other dealers in the market, if they attempted to value the Buffered PLUS. 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 Buffered PLUS in the secondary market (if any exists) at any time. The value of your Buffered PLUS 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 Buffered PLUS will be influenced by many unpredictable factors" above.

The Buffered PLUS will not be listed on any securities exchange and secondary trading may be limited. The Buffered PLUS will not be listed on any securities exchange. Therefore, there may be little or no secondary market for the Buffered PLUS. MS & Co. may, but is not obligated to, make a market in the Buffered PLUS 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 Buffered PLUS, 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 Buffered PLUS. Even if there is a secondary market, it may not provide enough liquidity to allow you to trade or sell the Buffered PLUS easily. Since other broker-dealers may not participate significantly in the secondary market for the Buffered PLUS, the price at which you may be able to trade your Buffered PLUS 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 Buffered PLUS, it is likely that there would be no secondary market for the Buffered PLUS. Accordingly, you should be willing to hold your Buffered PLUS to maturity.

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The calculation agent, which is a subsidiary of Morgan Stanley and an affiliate of MSFL, will make determinations with respect to the Buffered PLUS. As calculation agent, MS & Co. will determine the initial index value and the final index value, and will calculate the amount of cash you receive at maturity. 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 final index value in the event of a market disruption event or discontinuance of the underlying index. These potentially subjective determinations may adversely affect the payout to you at maturity. For further information regarding these types of determinations, see "Description of PLUS—Postponement of Valuation Date(s)" and "—Calculation Agent and Calculations" and related definitions in the accompanying product supplement. In addition, MS & Co. has determined the estimated value of the Buffered PLUS on the pricing date.

Hedging and trading activity by our affiliates could potentially adversely affect the value of the Buffered PLUS. One or more of our affiliates and/or third-party dealers expect to carry out hedging activities related to the Buffered PLUS (and possibly to other instruments linked to the underlying index or its component stocks), including trading in the stocks that constitute the underlying index as well as in other instruments related to the underlying index. As a result, these entities may be unwinding or adjusting hedge positions during the term of the Buffered PLUS, and the hedging strategy may involve greater and more frequent dynamic adjustments to the hedge as the valuation date approaches. Some of our affiliates also trade the stocks that constitute the underlying index and other financial instruments related to the underlying 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 potentially increase the initial index value, and, therefore, could increase the value at or above which the underlying index must close on the valuation date so that investors do not suffer a loss on their initial investment in the Buffered PLUS. Additionally, such hedging or trading activities during the term of the Buffered PLUS, including on the valuation date, could adversely affect the closing value of the underlying index on the valuation date, and, accordingly, the amount of cash an investor will receive at maturity.

§ The U.S. federal income tax consequences of an investment in the Buffered PLUS are uncertain. Please read the discussion under "Additional Information—Tax considerations" in this document and the discussion under "United States Federal Taxation" in the accompanying product supplement for PLUS (together, the "Tax Disclosure Sections") concerning the U.S. federal income tax consequences of an investment in the Buffered PLUS. If the Internal Revenue Service (the "IRS") were successful in asserting an alternative treatment, the timing and character of income on the Buffered PLUS might differ significantly from the tax treatment described in the Tax Disclosure Sections. For example, under one possible treatment, the IRS could seek to recharacterize the Buffered PLUS as debt instruments. In that event, U.S. Holders would be required to accrue into income original issue discount on the Buffered PLUS every year at a "comparable yield" determined at the time of issuance and recognize all income and gain in respect of the Buffered PLUS as ordinary income. Additionally, as discussed under "United States Federal Taxation—FATCA" in the accompanying product supplement for PLUS, the withholding rules commonly referred to as "FATCA" would apply to the Buffered PLUS if they were recharacterized as debt instruments. However, recently proposed

regulations (the preamble to which specifies that taxpayers are permitted to rely on them pending finalization) eliminate the withholding requirement on payments of gross proceeds of a taxable disposition. The risk that financial instruments providing for buffers, triggers or similar downside protection features, such as the Buffered PLUS, 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 Buffered PLUS, and the IRS or a court may not agree with the tax treatment described in the Tax Disclosure Sections.

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 Buffered PLUS, possibly with retroactive effect. 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 Buffered PLUS, 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.

Morgan Stanley Finance LLC

Buffered PLUS Based on the Value of the S&P 500® Index due March 31, 2021

Buffered Performance Leveraged Upside SecuritiesSM

Principal at Risk Securities

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. For additional information about the S&P 500® Index, see the information set forth under "S&P 50® Index" in the accompanying index supplement.

Information as of market close on February 22, 2019:

Bloomberg Ticker Symbol:SPXCurrent Index Value:2,792.6752 Weeks Ago:2,703.9652 Week High (on 9/20/2018):2,930.7552 Week Low (on 12/24/2018):2,351.10

The following graph sets forth the daily index closing values of the underlying index for each quarter in the period from January 1, 2014 through February 22, 2019. The related table sets forth the published high and low closing values, as well as end-of-quarter closing values, of the underlying index for each quarter in the same period. The index closing value of the underlying index on February 22, 2019 was 2,792.67. We obtained the information in the table and graph below from Bloomberg Financial Markets, without independent verification. The underlying index has at times experienced periods of high volatility. You should not take the historical values of the underlying index as an indication of its future performance, and no assurance can be given as to the index closing value of the underlying index on the valuation date.

S&P 500® Index Daily Index Closing Values

January 1, 2014 to February 22, 2019

Morgan Stanley Finance LLC

Buffered PLUS Based on the Value of the S&P 500® Index due March 31, 2021

Buffered Performance Leveraged Upside SecuritiesSM

Principal at Risk Securities

S&P 500 [®] Index	High	Low	Period End
2014	C		
First Quarter	1,878.0	41,741.8	91,872.34
Second Quarter	1,962.8	71,815.6	91,960.23
Third Quarter	2,011.3	61,909.5	71,972.29
Fourth Quarter	2,090.5	71,862.4	92,058.90
2015			
First Quarter	2,117.39	91,992.6	72,067.89
Second Quarter	2,130.8	22,057.6	42,063.11
Third Quarter	2,128.2	81,867.6	11,920.03
Fourth Quarter	2,109.79	91,923.8	22,043.94
2016			
First Quarter	2,063.9	51,829.0	82,059.74
Second Quarter	2,119.12	22,000.5	42,098.86
Third Quarter	2,190.13	52,088.5	52,168.27
Fourth Quarter	2,271.7	22,085.1	82,238.83
2017			
First Quarter	2,395.9	62,257.8	32,362.72
Second Quarter	2,453.40	62,328.9	52,423.41
Third Quarter	2,519.3	62,409.7	52,519.36
Fourth Quarter	2,690.1	62,529.1	22,673.61
2018			
First Quarter	2,872.8	72,581.0	02,640.87
Second Quarter	2,786.8	52,581.8	82,718.37
Third Quarter	2,930.7	52,713.2	22,913.98
Fourth Quarter	2,925.5	12,351.1	02,506.85
2019			
First Quarter (through February 22, 2019)	2,792.6	72,447.8	92,792.67

[&]quot;Standard & Poor[®]s" "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

Buffered PLUS Based on the Value of the S&P 500® Index due March 31, 2021

Buffered Performance Leveraged Upside SecuritiesSM

Principal at Risk Securities

Additional Terms of the Buffered PLUS

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

Additional

Terms:

If the terms described herein are inconsistent with those described in the accompanying product supplement, index supplement or prospectus, the terms described herein shall control.

Underlying index

publisher:

S&P Dow Jones Indices LLC or any successor thereof

Interest:

None

Bull market or

Postponement of maturity date:

bear market

Bull market PLUS

PLUS:

If the scheduled valuation date is not an index business day or if a market disruption event occurs on that day so that the valuation date as postponed falls less than two business days prior to the scheduled maturity date, the maturity date of the Buffered PLUS will be postponed to the second

business day following that valuation date as postponed.

Denominations: \$1,000 per Buffered PLUS and integral multiples thereof

The Bank of New York Mellon **Trustee:**

Calculation agent: MS & Co.

Issuer notice to In the event that the maturity date is postponed due to postponement of the valuation date, the registered security issuer shall give notice of such postponement and, once it has been determined, of the date to holders, the trustee which the maturity date has been rescheduled (i) to each registered holder of the Buffered PLUS and the depositary: by mailing notice of such postponement by first class mail, postage prepaid, to such registered

> holder's last address as it shall appear upon the registry books, (ii) to the trustee by facsimile confirmed by mailing such notice to the trustee by first class mail, postage prepaid, at its New York office and (iii) to The Depository Trust Company (the "depositary") by telephone or facsimile, confirmed by mailing such notice to the depositary by first class mail, postage prepaid. Any notice that is mailed to a registered holder of the Buffered PLUS in the manner herein provided shall be conclusively presumed to have been duly given to such registered holder, whether or not such registered holder receives the notice. The issuer shall give such notice as promptly as possible, and in no case later than (i) with respect to notice of postponement of the maturity date, the business day immediately preceding the scheduled maturity date and (ii) with respect to notice of the date to which the maturity date has been rescheduled, the business day immediately following the actual valuation date for determining the final index value.

The issuer shall, or shall cause the calculation agent to, (i) provide written notice to the trustee and to the depositary of the amount of cash to be delivered with respect to each stated principal amount of the Buffered PLUS, 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 Buffered PLUS to the trustee for delivery to the depositary, as holder of the Buffered PLUS, on the maturity date.

Morgan Stanley Finance LLC

Buffered PLUS Based on the Value of the S&P 500[®] Index due March 31, 2021

Buffered Performance Leveraged Upside SecuritiesSM

Principal at Risk Securities

Additional Information About the Buffered PLUS

Additional **Information:** Minimum

ticketing size:

\$1,000 / 1 Buffered PLUS

Tax

Although there is uncertainty regarding the U.S. federal income tax consequences of an investment considerations: in the Buffered PLUS due to the lack of governing authority, in the opinion of our counsel, Davis Polk & Wardwell LLP, under current law, and based on current market conditions, a Buffered PLUS should be treated as a single financial contract that is an "open transaction" for U.S. federal income tax purposes. However, because our counsel's opinion is based in part on market conditions as of the date of this document, it is subject to confirmation on the pricing date.

> Assuming this treatment of the Buffered PLUS is respected and subject to the discussion in "United States Federal Taxation" in the accompanying product supplement for PLUS, the following U.S. federal income tax consequences should result based on current law:

- § A U.S. Holder should not be required to recognize taxable income over the term of the Buffered PLUS prior to settlement, other than pursuant to a sale or exchange.
- § Upon sale, exchange or settlement of the Buffered PLUS, a U.S. Holder should recognize gain or loss equal to the difference between the amount realized and the U.S. Holder's tax basis in the Buffered PLUS. Such gain or loss should be long-term capital gain or loss if the investor has held the Buffered PLUS for more than one year, and short-term capital gain or loss otherwise.

In 2007, the U.S. Treasury Department and the Internal Revenue Service (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 Buffered PLUS, possibly with retroactive effect.

As discussed in the accompanying product supplement for PLUS, Section 871(m) of the Internal Revenue Code of 1986, as amended, 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 the terms of the Buffered PLUS and current market conditions, we expect that the Buffered PLUS will not have a delta of one with respect to any Underlying Security on the pricing date. However, we will provide an updated determination in the final pricing supplement. Assuming that the Buffered PLUS do not have a delta of one with respect to any Underlying Security, our counsel is of the opinion that the Buffered PLUS 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 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 Buffered PLUS.

Both U.S. and non-U.S. investors considering an investment in the Buffered PLUS should read the discussion under "Risk Factors" in this document and the discussion under "United States Federal Taxation" in the accompanying product supplement for PLUS and consult their tax advisers regarding all aspects of the U.S. federal income tax consequences of an investment in the Buffered PLUS, including possible alternative treatments, the issues presented by the aforementioned notice and any tax consequences arising under the laws of any state, local or non-U.S. taxing jurisdiction.

The discussion in the preceding paragraphs under "Tax considerations" and the discussion contained in the section entitled "United States Federal Taxation" in the accompanying product

supplement for PLUS, insofar as they purport to describe provisions of U.S. federal income tax laws or legal conclusions with respect thereto, constitute the full opinion of Davis Polk & Wardwell LLP regarding the material U.S. federal tax consequences of an investment in the Buffered PLUS.

Morgan Stanley Finance LLC

Buffered PLUS Based on the Value of the S&P 500® Index due March 31, 2021

Buffered Performance Leveraged Upside SecuritiesSM

Principal at Risk Securities

The proceeds from the sale of the Buffered PLUS will be used by us for general corporate purposes. We will receive, in aggregate, \$1,000 per Buffered PLUS issued, because, when we enter into hedging transactions in order to meet our obligations under the Buffered PLUS, our hedging counterparty will reimburse the cost of the agent's commissions. The costs of the Buffered PLUS borne by you and described beginning on page 2 above comprise the agent's commissions and the cost of issuing, structuring and hedging the Buffered PLUS.

Use of proceeds and hedging:

On or prior to the pricing date, we will hedge our anticipated exposure in connection with the Buffered PLUS by entering into hedging transactions with our affiliates and/or third-party dealers. We expect our hedging counterparties to take positions in stocks of the underlying index, futures and options contracts on the underlying index and any component stocks of the underlying index listed on major securities markets or positions in any other available securities or instruments that they may wish to use in connection with such hedging. Such purchase activity could potentially increase the value of the underlying index on the pricing date, and, therefore, could increase the value at or above which the underlying index must close on the valuation date so that investors do not suffer a loss on their initial investment in the Buffered PLUS. In addition, through our affiliates, we are likely to modify our hedge position throughout the term of the Buffered PLUS, including on the valuation date, by purchasing and selling the stocks constituting the underlying index, futures or options contracts on the underlying index or its component stocks listed on major securities markets or positions in any other available securities or instruments that we may wish to use in connection with such hedging activities. As a result, these entities may be unwinding or adjusting hedge positions during the term of the Buffered PLUS, and the hedging strategy may involve greater and more frequent dynamic adjustments to the hedge as the valuation date approaches. We cannot give any assurance that our hedging activities will not affect the value of the underlying index, and, therefore, adversely affect the value of the Buffered PLUS or the payment you will receive at maturity. For further information on our use of proceeds and hedging, see "Use of Proceeds and Hedging" in the accompanying product supplement for PLUS.

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 Buffered PLUS. 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 Buffered PLUS 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 Buffered PLUS 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 those persons, unless exemptive relief is available under an applicable statutory or administrative exemption.

	07/03/2017					
	09/29/2017					
	\$10.42					
	\$7.74					
	\$10.04					
10/02/2017	12/29/2017	\$11.17	\$9.43	\$10.29		
01/02/2018	03/29/2018	\$14.71	\$10.70	\$14.14		
04/02/2018	06/29/2018	\$17.14	\$9.27	\$10.03		
07/02/2018	09/28/2018	\$12.53	\$10.07	\$12.07		
10/01/2018	12/31/2018	\$16.42	\$12.08	\$13.01		
01/02/2019	03/29/2019	\$17.63	\$14.01	\$15.92		
04/01/2019*	04/12/2019*	\$16.99	\$14.94	\$14.94		

^{*} As of the date of this final terms supplement available information for the second calendar quarter of 2019 includes data for the period from April 1, 2019 through April 12, 2019. Accordingly, the "Quarterly High," "Quarterly Low" and "Quarterly Close" data indicated are for this shortened period only and do not reflect complete data for the second calendar quarter of 2019.

The graph below illustrates the performance of Petrobras' American depositary receipts for the period indicated, based on information from Bloomberg. The solid line represents the trigger price and coupon barrier of \$11.27, which is equal to 75.00% of the closing price on April 15, 2019. **Past performance of the underlying asset is not indicative of the future performance of the underlying asset.**

What are the Tax Consequences of the Securities?

The U.S. federal income tax consequences of your investment in the Securities are uncertain. There are no statutory provisions, regulations, published rulings or judicial decisions addressing the characterization for U.S. federal income tax purposes of securities with terms that are substantially the same as the Securities. Some of these tax consequences are summarized below, but we urge you to read the more detailed discussion in the prospectus supplement under "What are the Tax Consequences of the Securities?" and the accompanying product supplement under "Material U.S. Federal Income Tax Consequences — Securities Treated as Prepaid Derivatives or Prepaid Forwards" and to discuss the tax consequences of your particular situation with your tax advisor. This discussion is based upon the Internal Revenue Code of 1986, as amended (the "Code"), final, temporary and proposed U.S. Treasury Department (the "Treasury") regulations, rulings and decisions, in each case, as available and in effect as of the date hereof, all of which are subject to change, possibly with retroactive effect. Tax consequences under state, local and non-U.S. laws are not addressed herein. No ruling from the U.S. Internal Revenue Service (the "IRS") has been sought as to the U.S. federal income tax consequences of your investment in the Securities, and the following discussion is not binding on the IRS.

U.S. Tax Treatment. Pursuant to the terms of the Securities, UBS and you agree, in the absence of a statutory or regulatory change or an administrative determination or judicial ruling to the contrary, to characterize the Securities as pre-paid derivative contracts with respect to the underlying asset. If your Securities are so treated, any contingent coupon that is paid by UBS (including on the maturity date or call settlement date) should be included in your income as ordinary income in accordance with your regular method of accounting for U.S. federal income tax purposes.

In addition, excluding amounts attributable to any contingent coupon, you should generally recognize capital gain or loss upon the taxable disposition of your Securities in an amount equal to the difference between the amount you receive at such time (other than amounts or proceeds attributable to a contingent coupon or any amount attributable to any accrued but unpaid contingent coupon) and the amount you paid for your Securities. Such gain or loss should generally be long-term capital gain or loss if you have held your Securities for more than one year (otherwise such gain or loss would be short-term capital gain or loss if held for one year or less). The deductibility of capital losses is subject to limitations. Although uncertain, it is possible that proceeds received from the taxable disposition of your Securities prior to a coupon payment date that are attributable to an expected contingent coupon could be treated as ordinary income. You should consult your tax advisor regarding this risk.

We will not attempt to ascertain whether the underlying asset issuer would be treated as a "passive foreign investment company" (a "PFIC") within the meaning of Section 1297 of the Code or as a "United States real property holding corporation" (a "USRPHC") within the meaning of Section 897 of the Code. If the underlying asset issuer were so treated, certain adverse U.S. federal income tax consequences might apply, to a U.S. holder in the case of a PFIC and to a non-U.S. holder in the case of a USRPHC, upon the taxable disposition of a Security. You should refer to information filed with the SEC or the equivalent governmental authority by the underlying asset issuer and consult your tax advisor regarding the possible consequences to you in the event that such entity is or becomes a PFIC or USRPHC.

In the opinion of our counsel, Cadwalader, Wickersham & Taft LLP, based on certain factual representations received from us, it would be reasonable to treat your Securities in the manner described above. However, because there is no authority that specifically addresses the tax treatment of the Securities, it is possible that your Securities could alternatively be treated for tax purposes as a single contingent payment debt instrument, or pursuant to some other characterization, such that the timing and character of your income from the Securities could differ materially and adversely from the treatment described above, as described further under "Material U.S. Federal Income Tax Consequences — Alternative Treatments for Securities Treated as Any Type of Prepaid Derivative or Prepaid Forward" in the accompanying product supplement. Because of this uncertainty, we urge you to consult your tax advisor as to the tax consequences of your investment in the Notes. Section 1297. We will not attempt to ascertain whether the underlying asset issuer would be treated as a "passive foreign investment company" (a "PFIC") within the meaning of Section 1297 of the Code. If the underlying asset issuer were so treated, certain adverse U.S. federal income tax consequences might apply, including possible treatment of the Securities, in whole or in part, as a constructive ownership transaction, as discussed further under "Material U.S. Federal Income Tax Consequences — Securities Treated as Prepaid Derivatives or Prepaid Forwards — Section 1260" of the accompanying product supplement. You should refer to information filed with the SEC or the equivalent governmental authority by such entity and consult your tax advisor regarding the possible consequences to you in the event that the underlying asset issuer is or becomes a PFIC.

Notice 2008-2. In 2007, the IRS released a notice that may affect the taxation of holders of the Securities. According to Notice 2008-2, the IRS and the Treasury are actively considering whether the holder of an instrument such as the Securities should be required to accrue ordinary income on a current basis. It is not possible to determine what guidance they will ultimately issue, if any. It is possible, however, that under such guidance, holders of the Securities will ultimately be required to accrue income currently in excess of any receipt of contingent coupons and this could be applied on a retroactive basis. The IRS and the Treasury are also considering other relevant issues, including whether additional gain or loss from such instruments should be treated as ordinary or capital, whether non-U.S. holders of such instruments should be subject to withholding tax on any deemed income accruals, and whether the special "constructive ownership rules" of Section 1260 of the Code should be applied to such instruments. Both U.S. and non-U.S. holders are urged to consult their tax advisor concerning the significance and potential impact of the above considerations.

Except to the extent otherwise required by law, UBS intends to treat your Securities for U.S. federal income tax purposes in accordance with the treatment described above and under "Material U.S. Federal Income Tax Consequences — Securities Treated as Prepaid Derivatives or Prepaid Forwards with Associated Contingent Coupons" in the accompanying product supplement unless and until such time as the IRS and the Treasury determine that some other treatment is more appropriate.

Medicare Tax on Net Investment Income. U.S. holders that are individuals, estates, and certain trusts are subject to an additional 3.8% tax on all or a portion of their "net investment income", which may include any income or gain realized with respect to the Securities, to the extent of their net investment income that when added to their other modified adjusted gross income, exceeds \$200,000 for an unmarried individual, \$250,000 for a married taxpayer filing a joint return (or a surviving spouse), or \$125,000 for a married individual filing a separate return. The 3.8% Medicare tax is determined in a different manner than the income tax. U.S. holders should consult their tax advisors as to the consequences of the 3.8% Medicare tax to an investment in the Securities.

Specified Foreign Financial Assets. U.S. holders may be subject to reporting obligations with respect to their Securities if they do not hold their Securities in an account maintained by a financial institution and the aggregate value of their Securities and certain other "specified foreign financial assets" (applying certain attribution rules) exceeds an applicable threshold. Significant penalties can apply if a U.S. holder is required to disclose its Securities and fails to do so.

Non-U.S. Holders. The U.S. federal income tax treatment of the contingent coupons is unclear. Subject to the discussions below with respect to Section 871(m) of the Code and FATCA (as defined below), our counsel is of the opinion that contingent coupons paid to a non-U.S. holder that provides us (and/or the applicable withholding agent) with a fully completed and validly executed applicable IRS Form W-8 should not be subject to U.S. withholding tax and we do not intend to withhold any tax on contingent coupons. However, it is possible that the IRS could assert that such payments are subject to U.S. withholding tax, or that another withholding agent may otherwise determine that withholding is required, in which case such other withholding agent may withhold up to 30% on such payments (subject to reduction or elimination of such withholding tax pursuant to an applicable income tax treaty). We will not pay any additional amounts in respect of such withholding. Subject to Section 871(m) of the Code, discussed below, gain from the taxable disposition of the Securities generally should not be subject to U.S. tax unless (i) such gain is effectively connected with a trade or business conducted by the non-U.S. holder in the U.S., (ii) the non-U.S. holder is a non-resident alien individual and is present in the U.S. for 183 days or more during the taxable year of such taxable disposition and certain other conditions are satisfied or (iii) the non-U.S. holder has certain other present or former connections with the U.S.

Section 871(m). A 30% withholding tax (which may be reduced by an applicable income tax treaty) is imposed under Section 871(m) of the Code on certain "dividend equivalents" paid or deemed paid to a non-U.S. holder with respect to a "specified equity-linked instrument" that references one or more dividend-paying U.S. equity securities. The withholding tax can apply even if the instrument does not provide for payments that reference dividends. Treasury regulations provide that the withholding tax applies to all dividend equivalents paid or deemed paid on specified equity-linked instruments that have a delta of one ("delta one specified equity-linked instruments") issued after 2016 and to all dividend equivalents paid or deemed paid on all other specified equity-linked instruments issued after 2018. However, the IRS has issued guidance that states that the Treasury and the IRS intend to amend the effective dates of the Treasury regulations to provide that withholding on dividend equivalents paid or deemed paid will not apply to specified equity-linked instruments that are not delta one specified equity-linked instruments and are issued before January 1, 2021.

Based on our determination that the Securities are not "delta-one" with respect to the underlying asset, our counsel is of the opinion that the Securities should not be delta one specified equity-linked instruments and thus should not be subject to withholding on dividend equivalents. Our determination is not binding on the IRS, and the IRS may disagree with this determination. Furthermore, the application of Section 871(m) of the Code will depend on our determinations made upon issuance of the Securities. If withholding is required, we will not make payments of any additional amounts.

Nevertheless, after issuance, it is possible that your Securities could be deemed to be reissued for tax purposes upon the occurrence of certain events affecting the underlying asset or your Securities, and following such occurrence your Securities could be treated as delta one specified equity-linked instruments that are subject to withholding on dividend equivalents. It is also possible that withholding tax or other tax under Section 871(m) of the Code could apply to the Securities under these rules if you enter, or have entered, into certain other transactions in respect of the underlying asset or the Securities. If you enter, or have entered, into other transactions in respect of the underlying asset or the Securities, you should consult your tax advisor regarding the application of Section 871(m) of the Code to your Securities in the context of your other transactions.

Because of the uncertainty regarding the application of the 30% withholding tax on dividend equivalents to the Securities, you are urged to consult your tax advisor regarding the potential application of Section 871(m) of the Code and the 30% withholding tax to an investment in the Securities.

Foreign Account Tax Compliance Act. The Foreign Account Tax Compliance Act ("FATCA") was enacted on March 18, 2010, and imposes a 30% U.S. withholding tax on "withholdable payments" (i.e., certain U.S.-source payments, including interest (and original issue discount), dividends, other fixed or determinable annual or periodical gain, profits, and income, and on the gross proceeds from a disposition of property of a type which can produce U.S.-source

interest or dividends) and "passthru payments" (i.e., certain payments attributable to withholdable payments) made to certain foreign financial institutions (and certain of their affiliates) unless the payee foreign financial institution agrees (or is required), among other things, to disclose the identity of any U.S. individual with an account of the institution (or the relevant affiliate) and to annually report certain information about such account. FATCA also requires withholding agents making withholdable payments to certain foreign entities that do not disclose the name, address, and taxpayer identification number of any substantial U.S. owners (or do not certify that they do not have any substantial U.S. owners) to withhold tax at a rate of 30%. Under certain circumstances, a holder may be eligible for refunds or credits of such taxes.

Pursuant to final and temporary Treasury regulations and other IRS guidance, the withholding and reporting requirements under FATCA will generally apply to certain "withholdable payments" made on or after July 1, 2014, certain gross proceeds on a taxable disposition occurring after December 31, 2018, and certain foreign passthru payments made after December 31, 2018 (or, if later, the date that final regulations defining the term "foreign passthru payment" are published). If withholding is required, we (or the applicable paying agent) will not be required to pay additional amounts with respect to the amounts so withheld. Foreign financial institutions and non-financial foreign entities located in jurisdictions that have an intergovernmental agreement with the U.S. governing FATCA may be subject to different rules.

Investors should consult their tax advisors about the application of FATCA, in particular if they may be classified as financial institutions (or if they hold their Securities through a foreign entity) under the FATCA rules.

Proposed Legislation. In 2007, legislation was introduced in Congress that, if it had been enacted, would have required holders of Securities purchased after the bill was enacted to accrue interest income over the term of the Securities despite the fact that there may be no interest payments over the entire term of the Securities.

Furthermore, in 2013, the House Ways and Means Committee released in draft form certain proposed legislation relating to financial instruments. If it had been enacted, the effect of this legislation generally would have been to require instruments such as the Securities to be marked to market on an annual basis with all gains and losses to be treated as ordinary, subject to certain exceptions.

It is not possible to predict whether any similar or identical bills will be enacted in the future, or whether any such bill would affect the tax treatment of your Securities. You are urged to consult your tax advisor regarding the possible changes in law and their possible impact on the tax treatment of your Securities.

Both U.S. and non-U.S. holders are urged to consult their tax advisors concerning the application of U.S. federal income tax laws to their particular situation, as well as any tax consequences of the purchase, beneficial ownership and disposition of the Securities (including possible alternative treatments and the issues presented by Notice 2008-2) arising under the laws of any state, local, non-U.S. or other taxing jurisdiction.

Supplemental Plan of Distribution (Conflicts of Interest); Secondary Markets (if any)

We have agreed to sell to UBS Securities LLC and UBS Securities LLC has agreed to purchase, all of the Securities at the issue price to the public less the underwriting discount indicated on the cover of this final terms supplement, the document filed pursuant to Rule 424(b) containing the final pricing terms of the Securities. UBS Securities LLC has agreed to resell all of the Securities to UBS Financial Services Inc. at a discount from the issue price to the public equal to the underwriting discount indicated on the cover of this final terms supplement.

Conflicts of Interest - Each of UBS Securities LLC and UBS Financial Services Inc. is an affiliate of UBS and, as such, has a "conflict of interest" in this offering within the meaning of FINRA Rule 5121. In addition, UBS will receive the net proceeds (excluding the underwriting discount) from the initial public offering of the Securities and, thus creates an additional conflict of interest within the meaning of FINRA Rule 5121. Consequently, the offering is being conducted in compliance with the provisions of Rule 5121. Neither UBS Securities LLC nor UBS Financial Services Inc. is permitted to sell Securities in the offering to an account over which it exercises discretionary authority without the prior specific written approval of the account holder.

UBS Securities LLC and its affiliates may offer to buy or sell the Securities in the secondary market (if any) at prices greater than UBS' internal valuation - The value of the Securities at any time will vary based on many factors that cannot be predicted. However, the price (not including UBS Securities LLC's or any affiliate's customary bid-ask spreads) at which UBS Securities LLC or any affiliate would offer to buy or sell the Securities immediately after the trade date in the secondary market is expected to exceed the estimated initial value of the Securities as determined by reference to our internal pricing models. The amount of the excess will decline to zero on a straight line basis over a period ending no later than 1 month after the trade date, provided that UBS Securities LLC may shorten the period based on various factors, including the magnitude of purchases and other negotiated provisions with selling agents. Notwithstanding the foregoing, UBS Securities LLC and its affiliates are not required to make a market for the Securities and may stop making a market at any time. For more information about secondary market offers and the estimated initial value of the Securities, see "Key Risks - Fair value considerations" and "Key Risks - Limited or no secondary market and secondary market price considerations" in this final terms supplement.

Prohibition of Sales to EEA Retail Investors — The Securities are not intended to be offered, sold or otherwise made available to and should not be offered, sold or otherwise made available to any retail investor in the European Economic Area ("EEA"). For these purposes, a retail investor means a person who is one (or more) of: (i) a retail client as defined in point (11) of Article 4(1) of Directive 2014/65/EU, as amended ("MiFID II"); (ii) a customer within the meaning of Directive 2002/92/EC, as amended, where that customer would not qualify as a professional client as defined in point (10) of Article 4(1) of MiFID II; or (iii) not a qualified investor as defined in Directive 2003/71/EC, as amended. Consequently no key information document required by Regulation (EU) No 1286/2014 (as amended, the "PRIIPs Regulation") for offering or selling the Securities or otherwise making them available to retail investors in the EEA has been prepared and therefore offering or selling the Securities or otherwise making them available to any retail investor in the EEA may be unlawful under the PRIIPs Regulation.

Validity of the Securities

In the opinion of Cadwalader, Wickersham & Taft LLP, as special counsel to the issuer, when the Securities offered by this final terms supplement have been executed and issued by the issuer and authenticated by the trustee pursuant to the indenture and delivered, paid for and sold as contemplated herein, the Securities will be valid and binding obligations of the issuer, enforceable against the issuer in accordance with their terms, subject to applicable bankruptcy, insolvency, fraudulent conveyance, reorganization, moratorium, receivership or other laws relating to or affecting creditors' rights generally, and to general principles of equity (regardless of whether enforcement is sought in a proceeding at law or in equity). This opinion is given as of the date hereof and is limited to the laws of the State of New York. Insofar as this opinion involves matters governed by Swiss law, Cadwalader, Wickersham & Taft LLP has assumed, without independent inquiry or investigation, the validity of the matters opined on by Homburger AG, Swiss legal counsel for the issuer, in its opinion dated October 29, 2018 filed on that date with the Securities and Exchange Commission as Exhibit 5.3 to the issuer's registration statement on Form F-3 (the "Registration Statement"). In addition, this opinion is subject to customary assumptions about the trustee's authorization, execution and delivery of the indenture and, with respect to the Securities, authentication of the Securities and the genuineness of signatures and certain factual matters, all as stated in the opinion of Cadwalader, Wickersham & Taft LLP dated October 29, 2018 filed on that date with the Securities and Exchange Commission as Exhibit 5.4 to the Registration Statement.