SECURITIES LITIGATION & CONSULTING GROUP

Structured Products Research Report

Report Prepared On: 02/01/13

Buffered PLUS linked to S&P MidCap 400 ETF Trust

Description

Morgan Stanley issued $1.00 million of Buffered PLUS linked to S&P MidCap 400 ETF Trust on March 10, 2011 at $1,000 per note.

These notes are Morgan Stanley-branded Buffered PLUS securities that do not pay periodic coupons, but instead pay a single amount at maturity depending on the final level of S&P MidCap 400 ETF Trust's stock.

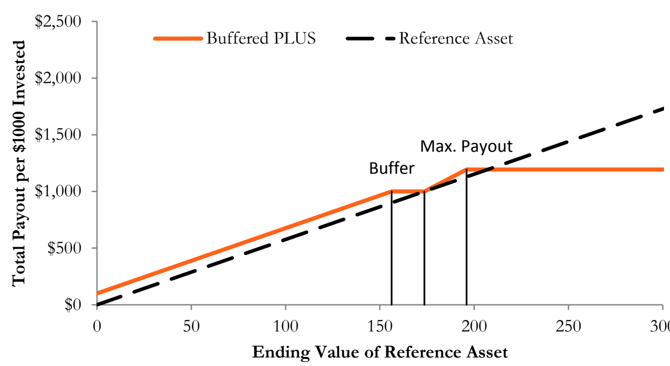
If on March 7, 2013 S&P MidCap 400 ETF Trust's stock price is higher than $173.59, but lower than $195.98, the notes pay a return equal to the percentage increase in S&P MidCap 400 ETF Trust's stock multiplied by 1.5, up to a cap of 19.35%. If on March 7, 2013 the refe is below $173.59 but not below $156.23, investors receive $1,000 face value per note. If S&P MidCap 400 ETF Trust's stock price on March 7, 2013 is lower than $156.23, investors receive face value per note reduced by the amount the reference asset is below $156.23 as a percent of the initial level, $173.59.

Valuation

This product can be valued as a combination of a note from Morgan Stanley, one short out-of-the-money put option, 1.5 long at-the-money call options, and 1.5 short out-of-the-money call options. For reasonable valuation inputs this note was worth $954.70 when it was issued on March 10, 2011 because the value of the options investors gave Morgan Stanley plus the interest investors would have received on Morgan Stanley's straight debt was worth $45.30 more than the options investors received from Morgan Stanley.

There is no active secondary market for most structured products. Structured products, including this note, therefore are much less liquid than simple stocks, bonds, notes and mutual funds. Investors are likely to receive less than the structured product's estimated market value if they try to sell the structured product prior to maturity. Our valuations do not incorporate this relative lack of liquidity and therefore should be considered an upper bound on the value of the structured product.

Payoff Curve at Maturity



The payoff diagram shows the final payoff of this note given S&P MidCap 400 ETF Trust's stock price (horizontal axis). For comparison, the dashed line shows the payoff if you invested in S&P MidCap 400 ETF Trust's stock directly.

Structured Product Details

Name	Buffered PLUS linked to S&P MidCap 400 ETF Trust
Issue Size	$1.00 million
Issue Price	$1,000
Term	24 Months
Annualized Coupon	0.00%
Pricing Date	March 7, 2011
Issue Date	March 10, 2011
Valuation Date	March 7, 2013
Maturity Date	March 12, 2013
Issuer	Morgan Stanley
CDS Rate	72.59 bps
Swap Rate	0.90%
Reference Asset	S&P MidCap 400 ETF Trust's stock
Initial Level	$173.59
Dividend Rate	0.86%
Implied Volatility	23.64%
Delta[1]	0.52
Fair Price at Issue	$954.70
CUSIP	617482SV7
SEC Link	www.sec.gov/Archives/edgar/data/895421/000095010311000948/dp21581_424b2-ps713.htm

Related Research

Research Papers:

www.slcg.com/research.php

- *"Are Structured Products Suitable for Retail Investors?"* December 2006.
- *"Structured Products in the Aftermath of Lehman Brothers,"* November 2009.
- *"What TiVo and JP Morgan Teach Us about Reverse Convertibles,"* June 2010.

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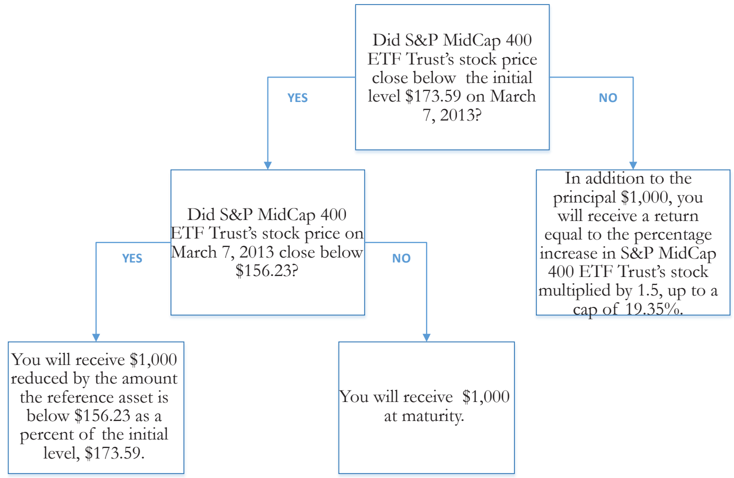
Principal Payback Table

S&P MidCap 400 ETF Trust's Stock	Note Payoff
$0.00	$100.00
$17.36	$200.00
$34.72	$300.00
$52.08	$400.00
$69.44	$500.00
$86.80	$600.00
$104.15	$700.00
$121.51	$800.00
$138.87	$900.00
$156.23	$1,000.00
$173.59	**$1,000.00**
$190.95	$1,150.00
$208.31	$1,193.50
$225.67	$1,193.50
$243.03	$1,193.50
$260.39	$1,193.50

Maturity Payoff Diagram

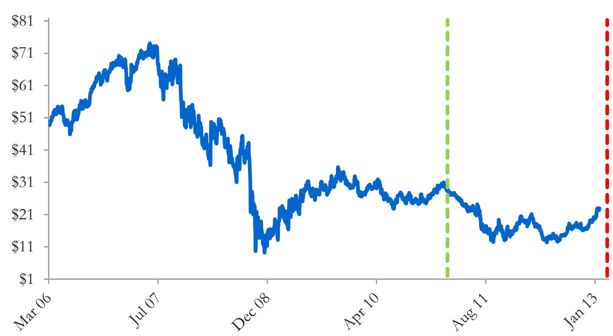


The contingent payoffs of this Buffered PLUS.

Analysis

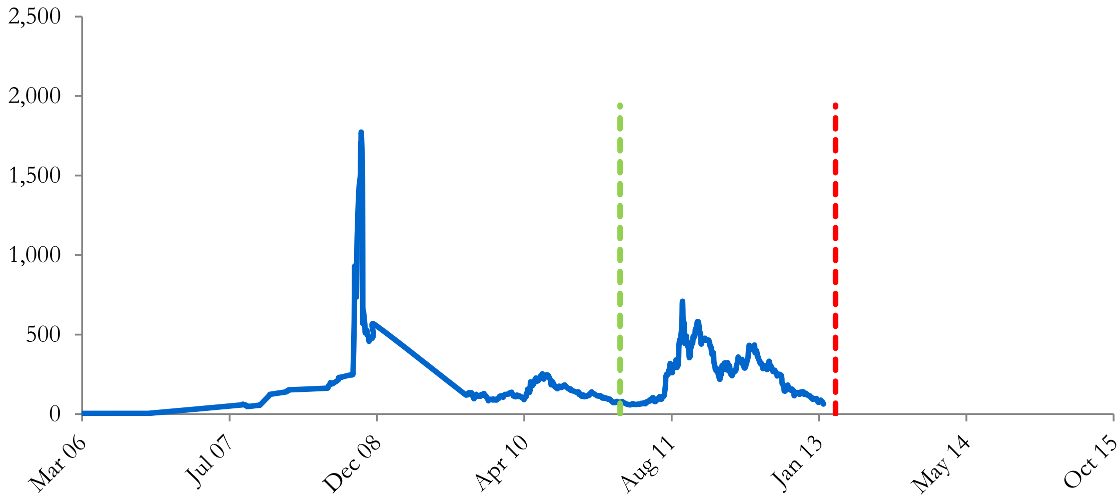
This Buffered PLUS pays investors the increase in S&P MidCap 400 ETF Trust's stock multiplied by 1.5 capped at 19.35%, but if S&P MidCap 400 ETF Trust's stock declines over the term of the note, investors will suffer losses equal to the percentage decline in S&P MidCap 400 ETF Trust's stock. In addition, investors bear the credit risk of Morgan Stanley. Investors purchasing this Buffered PLUS effectively sell at-the-money put and out-of-the-money call options to Morgan Stanley, buy at-the-money call options, and a zero-coupon note from Morgan Stanley. This Buffered PLUS is fairly priced if and only if the market value of the options investors received from Morgan Stanley equals the market value of the options investors gave Morgan Stanley plus the interest investors would have received on Morgan Stanley's straight debt.

Morgan Stanley's Stock Price



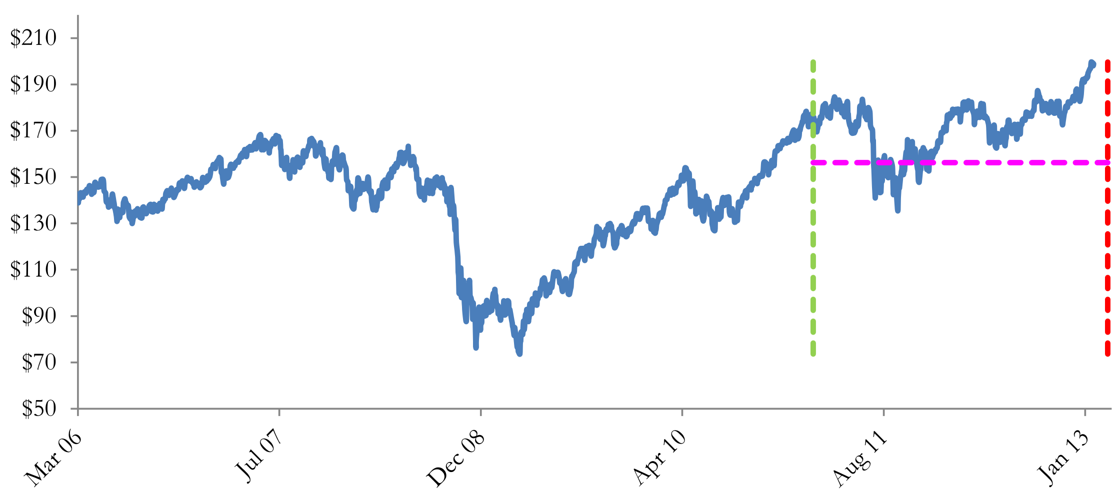
The graph above shows the adjusted closing price of the issuer Morgan Stanley for the past several years. The stock price of the issuer is an indication of the financial strength of Morgan Stanley. The adjusted price shown above incorporates any stock split, reverse stock split, etc.

Morgan Stanley's CDS Rate



Credit default swap (CDS) rates are the market price that investors require to bear credit risk of an issuer such as Morgan Stanley. CDS rates are usually given in basis points (bps). One basis point equals 0.01%. Higher CDS rates reflect higher perceived credit risk, higher required yields, and therefore lower market value of Morgan Stanley's debt, including outstanding Buffered PLUS. Fluctuations in Morgan Stanley's CDS rate impact the market value of the notes in the secondary market.

S&P MidCap 400 ETF Trust's Stock Price

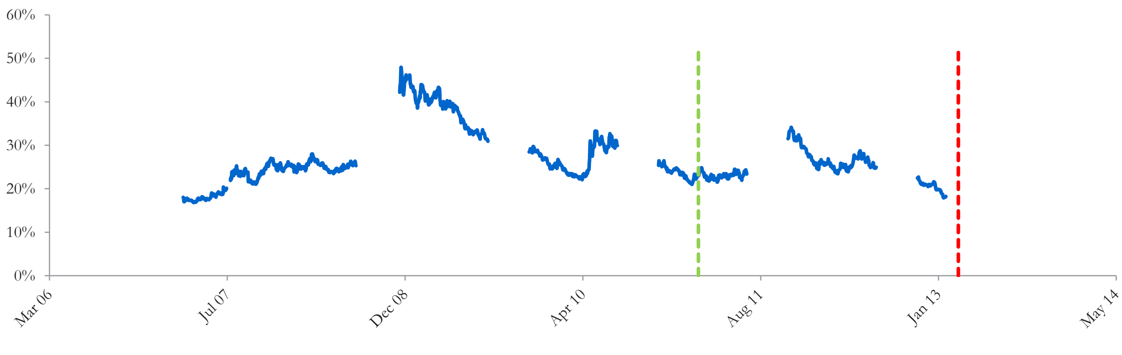


The graph above shows the historical levels of S&P MidCap 400 ETF Trust's stock for the past several years. The final payoff of this note is determined by S&P MidCap 400 ETF Trust's stock price at maturity. Higher fluctuations in S&P MidCap 400 ETF Trust's stock price correspond to a greater uncertainty in the final payout of this Buffered PLUS.

Realized Payoff

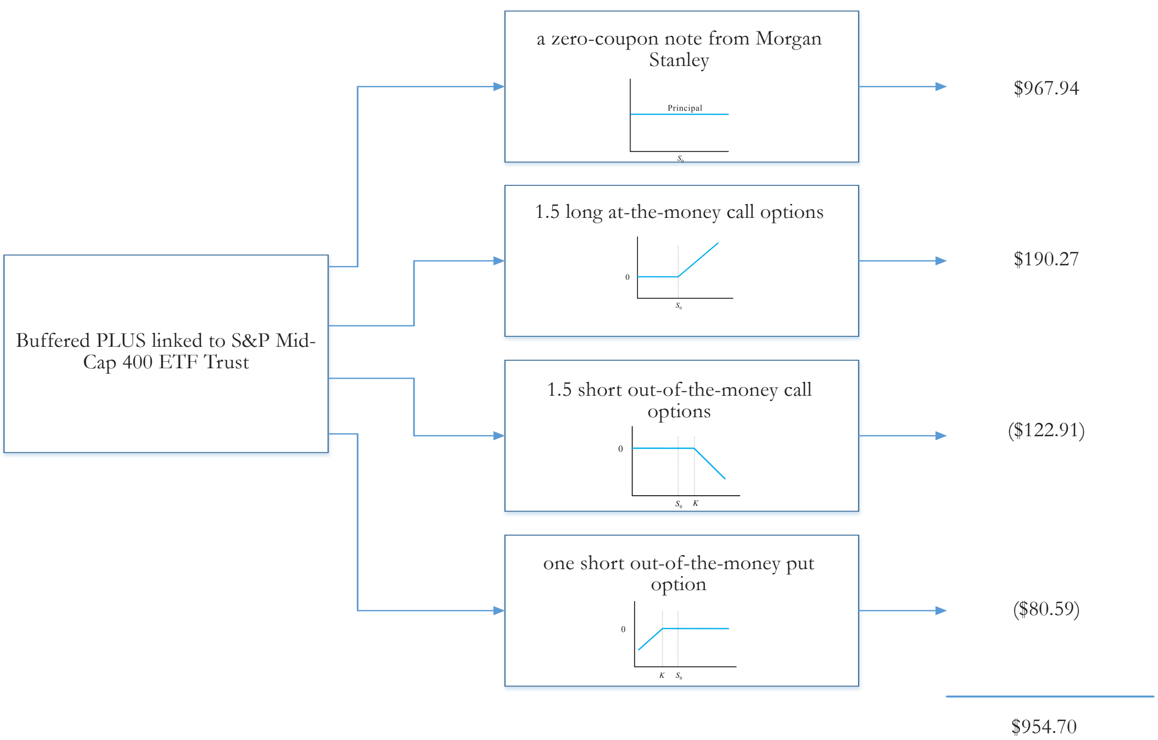
This product will mature on March 12, 2013.

Reference Asset S&P MidCap 400 ETF Trust's Stock's Implied Volatility



The annualized implied volatility of S&P MidCap 400 ETF Trust's stock on March 7, 2011 was 23.64%, meaning that options contracts on S&P MidCap 400 ETF Trust's stock were trading at prices that reflect an expected annual volatility of 23.64%. The higher the implied volatility, the larger the expected fluctuations of S&P MidCap 400 ETF Trust's stock price and of the Note's market value during the life of the Notes.

Decomposition of this Buffered PLUS



This note can be decomposed into different components, and each component can be valued separately. The chart above shows the value of each component of this Buffered PLUS.

1. Delta measures the sensitivity of the price of the note to the S&P MidCap 400 ETF Trust's stock price on March 7, 2011.
2. CDS rates can be considered a measure of the probability that an issuer will default over a certain period of time and the likely loss given a default. The lower the CDS rate, the lower the default probability. CDS rate is given in basis points (1 basis point equals 0.01%), and is considered as a market premium, on top of the risk-free rate, that investors require to insure against a potential default.
3. Fair price evaluation is based on the Black-Scholes model of the S&P MidCap 400 ETF Trust's stock on March 7, 2011.
4. Calculated payout at maturity is only an approximation, and may differ from actual payouts at maturity.
5. Our evaluation does not include any transaction fees, broker commissions, or liquidity discounts on the notes.