BANK OF NOVA SCOTIA / Form SUPPL August 03, 2012

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Pricing Supplement dated August 1, 2012 to the

Prospectus dated February 13, 2012,

Prospectus Supplement dated February 29, 2012 and Product Prospectus Supplement (Equity Linked Index Notes, Series A) dated April 4, 2012

The Bank of Nova Scotia

\$3,417,000

Capped Buffered Enhanced Participation Notes, Series A

Linked to the S&P 500® Index

Due August 7, 2014

The notes do not bear interest. The amount that you will be paid on your notes at maturity is based on the performance of the S&P 500® Index (which we refer to as the reference asset) as measured from the trade date to and including the valuation date. If the percentage change (defined below) of the reference asset is less than 10.00% (the final level is less than the initial level by more than 10.00%), you will lose a portion of your investment in the notes on an accelerated basis and may lose all or a substantial portion of your investment depending on the performance of the reference asset. Additionally, the amount you may receive for each \$1,000 principal amount of your notes at maturity is subject to a maximum redemption amount of \$1,195.00. Any payment on your notes is subject to the creditworthiness of The Bank of Nova Scotia.

To determine your payment at maturity, we will first calculate the percentage increase or decrease in the final level (determined on the valuation date, subject to adjustment) from the initial level of 1,375.14, which we refer to as the percentage change. The percentage change may reflect a positive return (based on any increase in the level of the reference asset over the life of the notes) or a negative return (based on any decrease in the level of the reference asset over the life of the notes). At maturity, for each \$1,000 principal amount of your notes:

if the final level is *greater than* the initial level (the percentage change is *positive*), you will receive an amount in cash equal to the *sum* of (i) \$1,000 *plus* (ii) the *product* of \$1,000 *times* the percentage change, times the participation rate of 150%, subject to the maximum redemption amount;

if the final level is *less than* or *equal to* the initial level but not by more than 10.00% (the percentage change is *zero* or *negative* but not below 10.00%), you will receive an amount in cash equal to \$1,000; or

if the final level is *less than* the initial level by more than 10.00% (the percentage change is *negative* and *is below* 10.00%), you will receive an amount in cash *equal to* the *sum of*: (1) \$1,000 *plus* (2) the *product of* (i) \$1,000 *times* (ii) approximately 1.1111 *times* (iii) the *sum* of the percentage change *plus* 10.00%. You will receive less than \$1,000.

Following the determination of the initial level, the amount you will be paid on your notes at maturity will not be affected by the closing level of the reference asset on any day other than the valuation date. You could lose all or a substantial portion of your investment in the notes. A percentage decrease of more than 10.00% between the initial level and the final level will reduce the payment you will receive at maturity below the principal amount of your notes. Further, the maximum payment that you could receive at maturity with respect to each \$1,000 principal amount of your notes (the

minimum denomination) is limited to the maximum redemption amount of \$1,195.00. In addition, the notes will not bear interest, and no other payments on your notes will be made prior to maturity.

Assuming no changes in market conditions or our creditworthiness and other relevant factors, the value of your notes on trade date (estimated value) (as determined by reference to pricing models used by Goldman, Sachs & Co. and taking into account credit spreads of The Bank of Nova Scotia) is, and the price you receive for your notes may be, significantly less than the original issue price. The value or quoted price of your notes at any time will reflect many factors and cannot be predicted. However, the price at which Goldman, Sachs & Co., as a potential dealer, would initially buy or sell notes (if Goldman, Sachs & Co. makes a market) and the value that Goldman, Sachs & Co. will initially use for account statements and otherwise will significantly exceed the value of your notes using such pricing models. The amount of the excess will decline on a straight line basis over the period from the date hereof through January 1, 2013.

The Capped Buffered Enhanced Participation Notes, Series A Linked to the S&P 500® Index Due August 7, 2014 (the Notes) offered hereunder are unsecured obligations of The Bank of Nova Scotia (the Bank) and are subject to investment risks including possible loss of the principal amount invested due to the negative performance of the reference asset and the credit risk of The Bank of Nova Scotia. As used in this pricing supplement, the Bank, we, us or our refers to The Bank of Nova Scotia.

The Notes will not be listed on any U.S. securities exchange or automated quotation system.

The return on your Notes, if any, will relate to the price return of the reference asset and will not include a total return or dividend component. The Notes are derivative products based on the performance of the reference asset. The Notes do not constitute a direct investment in any of the shares, units or other securities represented by the reference asset. By acquiring Notes, you will not have a direct economic or other interest in, claim or entitlement to, or any legal or beneficial ownership of any such share, unit or security and will not have any rights as a shareholder, unitholder or other security holder of any of the issuers including, without limitation, any voting rights or rights to receive dividends or other distributions.

NEITHER THE UNITED STATES SECURITIES AND EXCHANGE COMMISSION (SEC), THE ONTARIO SECURITIES COMMISSION (OSC) NOR ANY PROVINCIAL OR STATE SECURITIES COMMISSION HAS APPROVED OR DISAPPROVED OF THE NOTES OR PASSED UPON THE ACCURACY OR THE ADEQUACY OF THIS DOCUMENT, THE ACCOMPANYING PROSPECTUS, PROSPECTUS SUPPLEMENT OR PRODUCT PROSPECTUS SUPPLEMENT. ANY REPRESENTATION TO THE CONTRARY IS A CRIMINAL OFFENSE. THE NOTES ARE NOT INSURED BY THE CANADA DEPOSIT INSURANCE CORPORATION PURSUANT TO THE CANADA DEPOSIT INSURANCE CORPORATION ACT OR THE U.S. FEDERAL DEPOSIT INSURANCE CORPORATION OR ANY OTHER GOVERNMENTAL AGENCY OF CANADA, THE UNITED STATES OR ANY OTHER JURISDICTION.

Scotia Capital (USA) Inc., our affiliate, will purchase the Notes from us for distribution to other registered broker dealers or will offer the Notes directly to investors. Scotia Capital (USA) Inc. or any of its affiliates or agents may use this pricing supplement in market-making transactions in Notes after their initial sale. Unless we, Scotia Capital (USA) Inc. or another of its affiliates or agents selling such Notes to you informs you otherwise in the confirmation of sale, this pricing supplement is being used in a market-making transaction. See Supplemental Plan of Distribution (Conflicts of Interest) in this pricing supplement and Supplemental Plan of Distribution on page PS-28 of the accompanying product prospectus supplement.

	Per Note	Total
Price to public	100.00%	\$ 3,417,000.00
Underwriting commissions <sup>1</sup>	0.25%	\$ 8,542.50
Proceeds to The Bank of Nova Scotia2	00 75%	\$ 3.408.457.50

Investment in the Notes involves certain risks. You should refer to Additional Risks in this pricing supplement and Additional Risk Factors Specific to the Notes beginning on page PS-5 of the accompanying product prospectus supplement and Risk Factors beginning on page S-2 of the accompanying prospectus supplement.

We will deliver the Notes in book-entry form through the facilities of The Depository Trust Company ( DTC ) on August 9, 2012 against payment in immediately available funds.

## Scotia Capital (USA) Inc.

## Goldman, Sachs & Co.

The difference between the estimated value of your Notes and the original issue price reflects costs that the Bank or its affiliates expect to incur and profits that the Bank or its affiliates expect to realize in connection with hedging activities related to the Notes. These costs and profits will likely reduce the secondary market price, if any secondary market develops, for the Notes. As a result, you may experience an immediate and substantial decline in the market value of your Notes on the trade date and you may lose all or a substantial portion of your initial investment. The Bank s profit in relation to the Notes will vary based on the difference between (i) the amounts received by the Bank in connection with the issuance and the reinvestment return received by the Bank in connection with those funds and (ii) the costs incurred by the Bank in connection with the issuance of the Notes and the hedging transactions it enters into with its affiliates or Goldman, Sachs & Co. The Bank s affiliates and Goldman, Sachs & Co. will also realize a profit that will be based on the (i) cost of creating and maintaining the hedging transactions minus (ii) the payments received on the hedging transactions.

- Scotia Capital (USA) Inc. or one of our affiliates will purchase the Notes at the Principal Amount and as part of the distribution of the Notes may pay varying discounts and underwriting commissions of up to \$2.50 per \$1,000 Principal Amount of Notes in connection with the distribution of the Notes. Scotia Capital (USA) Inc. may also receive a structuring and development fee of up to \$0.50 per \$1,000 Principal Amount of Notes. See Supplemental Plan of Distribution (Conflicts of Interest) in this pricing supplement.
- Excludes profits from hedging. For additional considerations relating to hedging activities see Additional Risks The Inclusion of Dealer Spread and Projected Profit from Hedging in the Original Issue Price is Likely to Adversely Affect Secondary Market Prices in this pricing supplement.

#### **Summary**

The information in this Summary section is qualified by the more detailed information set forth in this pricing supplement, the prospectus, the prospectus supplement, and the product prospectus supplement, each filed with the SEC. See Additional Terms of Your Notes in this pricing supplement.

**Issuer:** The Bank of Nova Scotia (the Bank)

**Reference Asset:** The S&P 500<sup>®</sup> Index (Bloomberg Ticker: SPX)

**Minimum Investment** 

and Denominations: \$1,000 and integral multiples of \$1,000 in excess thereof

Principal Amount: \$1,000 per Note

**Original Issue Price:** 100% of the Principal Amount of each Note

Currency: U.S. Dollars

Pricing Date: August 1, 2012

Trade Date: August 1, 2012

Original Issue Date: August 9, 2012 (the 5th scheduled Business Day after the Trade Date).

Maturity Date: August 7, 2014, subject to adjustment as described in more detail in the accompanying the product

prospectus supplement dated April 4, 2012.

Principal at Risk: You may lose all or a substantial portion of your initial investment at maturity if there is a percentage

decrease from the Initial Level to the Final Level of more than 10.00%.

Fees and Expenses: Scotia Capital (USA) Inc. or one of our affiliates may pay varying discounts and underwriting

commissions of up to \$2.50 per \$1,000 Principal Amount of Notes in connection with the distribution of the Notes. Scotia Capital (USA) Inc. may also receive a structuring and development fee of up to

\$0.50 per \$1,000 Principal Amount of Notes.

The price at which you purchase the Notes includes costs that the Bank or its affiliates expect to incur and profits that the Bank or its affiliates expect to realize in connection with hedging activities related to the Notes, as set forth above. These costs and profits will likely reduce the secondary market price, if any secondary market develops, for the Notes. As a result, you may experience an immediate and substantial decline in the market value of your Notes on the Trade Date. See Additional Risks The Inclusion of Dealer Spread and Projected Profit from Hedging in the Original Issue Price is Likely to

Adversely Affect Secondary Market Prices in this pricing supplement.

Payment at Maturity: The Payment at Maturity will be based on the performance of the Reference Asset and will be

calculated as follows:

If the Final Level is greater than the Initial Level, then the Payment at Maturity will equal:

the lesser of (a) the Principal Amount + (Principal Amount x Participation Rate x Percentage Change) or (b) the Maximum Redemption Amount

If the Final Level is greater than or equal to the Buffer Level, but less than or equal to the Initial Level, then the Payment at Maturity will equal the Principal Amount

If the Final Level is less than the Buffer Level, then the Payment at Maturity will equal:

Principal Amount + [Principal Amount × Buffer Rate x (Percentage Change + Buffer Percentage)]

In this case you will suffer a loss on your initial investment in an amount equal to the Buffer Rate multiplied by the negative Percentage Change in excess of the Buffer Percentage. Accordingly, you could lose up to 100% of your initial investment.

**Initial Level:** 1,375.14

Final Level: The final level of the Reference Asset will be determined based upon the closing level published on

the Bloomberg page SPX<Index> or any successor page on Bloomberg or any successor service, as applicable, on the Valuation Date. In certain special circumstances, the final level will be determined by the Calculation Agent, in its discretion, and such determinations will, under certain circumstances, be confirmed by an independent calculation expert. See General Terms of the Notes Unavailability of the Level of the Reference Asset on a Valuation Date and General Terms of the Notes Market Disruption Events beginning on page PS-17 and Appointment of Independent Calculation Experts on

page PS-20, in the accompanying product prospectus supplement.

**Percentage Change:** The Percentage Change, expressed as a percentage, with respect to the Payment at Maturity, is

calculated as follows:

Final Level Initial Level

Initial Level

For the avoidance of doubt, the Percentage Change may be a negative value.

**Buffer Level:** 1,237.626 (equal to the Initial Level multiplied by the difference of 100% minus the Buffer

Percentage).

**Buffer Percentage:** 10.00%

**Buffer Rate:** <u>Initial Level</u>

Buffer Level, which equals approximately 111.11%

Participation Rate: 150%

**Maximum Redemption** 

Amount:

\$1,195.00, which equals Principal Amount x 119.50%. The Maximum Redemption Amount sets a cap

on appreciation of the Reference Asset of 13.00%.

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**Valuation Date:** August 1, 2014

The Valuation Date could be delayed by the occurrence of a market disruption event. See General Terms of the Notes Market Disruption Events beginning on page PS-17 in the accompanying product

prospectus supplement.

**CUSIP/ISIN:** CUSIP 064159783 / ISIN US0641597838

Form of Notes: Book-entry

**Type of Notes:** Capped Buffered Enhanced Participation Notes, Series A

Calculation Agent: Scotia Capital Inc., an affiliate of the Bank

**Status:** The Notes will constitute direct, unsubordinated and unsecured obligations of the Bank ranking *pari* 

passu with all other direct, unsecured and unsubordinated indebtedness of the Bank from time to time outstanding (except as otherwise prescribed by law). Holders will not have the benefit of any insurance under the provisions of the Canada Deposit Insurance Corporation Act, the U.S. Federal

Deposit Insurance Act or under any other deposit insurance regime.

**Tax Redemption:** The Bank (or its successor) may redeem the Notes, in whole but not in part, at a redemption price

determined by the Calculation Agent in a manner reasonably calculated to preserve your and our relative economic position, if it is determined that changes in tax laws or their interpretation will result in the Bank (or its successor) becoming obligated to pay additional amounts with respect to the Notes.

See Tax Redemption below.

**Listing:** The Notes will not be listed on any securities exchange or quotation system.

Use of Proceeds: General corporate purposes

Clearance and Settlement: Depository Trust Company

Business Day: New York and Toronto

**Terms Incorporated:** All of the terms appearing above the item under the caption General Terms of the Notes beginning on

page PS-12 in the accompanying product prospectus supplement, as modified by this pricing

supplement.

INVESTING IN THE NOTES INVOLVES SIGNIFICANT RISKS. YOU MAY LOSE YOUR ENTIRE PRINCIPAL AMOUNT. THE DOWNSIDE MARKET EXPOSURE TO THE REFERENCE ASSET IS BUFFERED ONLY AT MATURITY. ANY PAYMENT ON THE NOTES, INCLUDING ANY REPAYMENT OF PRINCIPAL, IS SUBJECT TO THE CREDITWORTHINESS OF THE BANK. IF THE BANK WERE TO DEFAULT ON ITS PAYMENT OBLIGATIONS YOU MAY NOT RECEIVE ANY AMOUNTS OWED TO YOU UNDER THE NOTES AND YOU COULD LOSE YOUR ENTIRE INVESTMENT.

#### ADDITIONAL TERMS OF YOUR NOTES

You should read this pricing supplement together with the prospectus dated February 13, 2012, as supplemented by the prospectus supplement dated February 29, 2012 and the product prospectus supplement (Equity Linked Index Notes, Series A) dated April 4, 2012, relating to our Senior Note Program, Series A, of which these Notes are a part. Capitalized terms used but not defined in this pricing supplement will have the meanings given to them in the product prospectus supplement. In the event of any conflict, this pricing supplement will control. The Notes may vary from the terms described in the accompanying product prospectus supplement in several important ways. You should read this pricing supplement carefully.

This pricing supplement, together with the documents listed below, contains the terms of the Notes and supersedes all prior or contemporaneous oral statements as well as any other written materials including pricing terms, correspondence, trade ideas, structures for implementation, sample structures, brochures or other educational materials of ours. You should carefully consider, among other things, the matters set forth in Additional Risk Factors Specific to the Notes in the accompanying product prospectus supplement, as the Notes involve risks not associated with conventional debt securities. We urge you to consult your investment, legal, tax, accounting and other advisors before you invest in the Notes. You may access these documents on the SEC website at www.sec.gov as follows (or if that address has changed, by reviewing our filings for the relevant date on the SEC website at http://www.sec.gov/cgi-bin/browse-edgar?action=getcompany&CIK=0000009631):

Prospectus dated February 13, 2012:

http://sec.gov/Archives/edgar/data/9631/000119312512057287/d296062df9a.htm

Prospectus Supplement dated February 29, 2012:

http://sec.gov/Archives/edgar/data/9631/000119312512090175/d300613dsuppl.htm

Product Prospectus Supplement for Equity Linked Index Notes, Series A dated April 4, 2012:

http://sec.gov/Archives/edgar/data/9631/000119312512149817/d310079dsuppl.htm

The Bank of Nova Scotia has filed a registration statement (including a prospectus, a prospectus supplement, and a product prospectus supplement) with the SEC for the offering to which this pricing supplement relates. Before you invest, you should read those documents and the other documents relating to this offering that we have filed with the SEC for more complete information about us and this offering. You may obtain these documents without cost by visiting EDGAR on the SEC Website at www.sec.gov. Alternatively, The Bank of Nova Scotia, any agent or any dealer participating in this offering will arrange to send you the prospectus, the prospectus supplement and the product prospectus supplement if you so request by calling 1-416-866-3672.

#### INVESTOR SUITABILITY

The Notes may be suitable for you if:

You fully understand the risks inherent in an investment in the Notes, including the risk of losing your entire initial investment.

You can tolerate a loss of up to 100% of your initial investment and are willing to make an investment that may have an accelerated downside risk greater than the downside market risk of an investment in the Reference Asset or in the Reference Asset constituent stocks, subject to the Buffer Percentage.

You believe that the Reference Asset will appreciate over the term of the Notes and that the appreciation is unlikely to exceed the cap on appreciation within the Maximum Redemption Amount of \$1,195.00.

You understand and accept that your potential return is limited to the Maximum Redemption Amount and you are willing to invest in the Notes based on the Maximum Redemption Amount indicated above.

You can tolerate fluctuations in the price of the Notes prior to maturity that may be similar to or exceed the downside fluctuations in the level of the Reference Asset.

You do not seek current income from your investment.

You are willing to hold the Notes to maturity, a term of 24 months, and accept that there may be little or no secondary market for the Notes.

You are willing to assume the credit risk of the Bank for all payments under the Notes, and understand that if the Bank defaults on its obligations you may not receive any amounts due to you including any repayment of principal.

The Notes may not be suitable for you if:

You do not fully understand the risks inherent in an investment in the Notes, including the risk of losing your entire initial investment.

You require an investment designed to guarantee a full return of principal at maturity.

You cannot tolerate a loss of all or a substantial portion of your initial investment and are not willing to make an investment that may have an accelerated downside risk greater than the downside market risk as an investment in the Reference Asset or in the Reference Asset constituent stocks, subject to the Buffer Percentage.

You believe that the level of the Reference Asset will decline during the term of the Notes and the Final Level will likely decline below the Initial Level by a percentage that is greater than the Buffer Percentage, or you believe the Reference Asset will appreciate over the term of the Notes and that the appreciation is likely to equal or exceed the cap on appreciation within the Maximum Redemption Amount of \$1,195.00.

You seek an investment that has unlimited return potential without a cap on appreciation and you are unwilling to invest in the Notes based on the Maximum Redemption Amount indicated above.

You cannot tolerate fluctuations in the price of the Notes prior to maturity that may be similar to or exceed the downside fluctuations in the level of the Reference Asset.

You seek current income from your investment or prefer to receive dividends paid on the stocks included in the Reference Asset.

You are unwilling to hold the Notes to maturity, a term of 24 months, or you seek an investment for which there will be a secondary market.

You are not willing to assume the credit risk of the Bank for all payments under the Notes.

The investor suitability considerations identified above are not exhaustive. Whether or not the Notes are a suitable investment for you will depend on your individual circumstances and you should reach an investment decision only after you and your investment, legal, tax, accounting and other advisors have carefully considered the suitability of an investment in the Notes in light of your particular circumstances. You should also review Additional Risks in this pricing supplement and the Additional Risk Factors Specific to the Notes beginning on page PS-5 of the Product Prospectus Supplement for Equity Linked Index Notes, Series A for risks related to an

investment in the Notes.

#### EVENTS OF DEFAULT AND ACCELERATION

If the Notes have become immediately due and payable following an event of default (as defined in the accompanying prospectus) with respect to the Notes, the Calculation Agent will determine the default amount as described below.

#### Default Amount

The default amount for your Notes on any day (except as provided in the last sentence under Default Quotation Period below) will be an amount, in the specified currency for the principal of your Notes, equal to the cost of having a qualified financial institution, of the kind and selected as described below, expressly assume all our payment and other obligations with respect to your Notes as of that day and as if no default or acceleration had occurred, or to undertake other obligations providing substantially equivalent economic value to you with respect to your Notes. That cost will equal:

the lowest amount that a qualified financial institution would charge to effect this assumption or undertaking, plus

the reasonable expenses, including reasonable attorneys fees, incurred by the trustees of your Notes in preparing any documentation necessary for this assumption or undertaking.

During the default quotation period for your Notes, described below, the trustees and/or the Bank may request a qualified financial institution to provide a quotation of the amount it would charge to effect this assumption or undertaking. If either party obtains a quotation, it must notify the other party in writing of the quotation. The amount referred to in the first bullet point above will equal the lowest or, if there is only one, the only quotation obtained, and as to which notice is so given, during the default quotation period. With respect to any quotation, however, the party not obtaining the quotation may object, on reasonable and significant grounds, to the assumption or undertaking by the qualified financial institution providing the quotation and notify the other party in writing of those grounds within two business days after the last day of the default quotation period, in which case that quotation will be disregarded in determining the default amount.

#### **Default Quotation Period**

The default quotation period is the period beginning on the day the default amount first becomes due (the due day ) and ending on the third business day after that day, unless:

no quotation of the kind referred to above is obtained, or

every quotation of that kind obtained is objected to within five business days after the due day as described above. If either of these two events occurs, the default quotation period will continue until the third business day after the first business day on which prompt notice of an objection is given as described above. If that quotation is objected to as described above within five business days after that first business day, however, the default quotation period will continue as described in the prior sentence and this sentence.

#### Qualified Financial Institutions

For the purpose of determining the default amount at any time, a qualified financial institution must be a financial institution organized under the laws of any jurisdiction in the United States of America, Europe or Japan, which at that time has outstanding debt obligations with a stated maturity of one year or less from the date of issue and that is, or whose securities are, rated either:

A-1 or higher by Standard & Poor s Ratings Services, or any successor, or any other comparable rating then used by that rating agency, or

P-1 or higher by Moody s Investors Service or any successor, or any other comparable rating then used by that rating agency. If the Notes have become immediately due and payable following an event of default, you will not be entitled to any additional payments with respect to the Notes. For more information, see Description of the Debt Securities Events of Default beginning on page I-13 of the accompanying prospectus.

#### TAX REDEMPTION

The Bank (or its successor) may redeem the Notes, in whole but not in part, at a redemption price determined by the Calculation Agent in a manner reasonably calculated to preserve your and our relative economic position, upon the giving of a notice as described below, if:

as a result of any change (including any announced prospective change) in or amendment to the laws (or any regulations or rulings promulgated thereunder) of Canada (or the jurisdiction of organization of the successor to the Bank) or of any political subdivision or taxing authority thereof or therein affecting taxation, or any change in official position regarding the application or interpretation of such laws, regulations or rulings (including a holding by a court of competent jurisdiction), which change or amendment is announced or becomes effective on or after the Pricing Date (or, in the case of a successor to the Bank, after the date of succession), and which in the written opinion to the Bank (or its successor) of legal counsel of recognized standing has resulted or will result (assuming, in the case of any announced prospective change, that such announced change will become effective as of the date specified in such announcement and in the form announced) in the Bank (or its successor) becoming obligated to pay, on the next succeeding date on which a payment is due, additional amounts with respect to the Notes; or

on or after the Pricing Date (or, in the case of a successor to the Bank, after the date of succession), any action has been taken by any taxing authority of, or any decision has been rendered by a court of competent jurisdiction in, Canada (or the jurisdiction of organization of the successor to the Bank) or any political subdivision or taxing authority thereof or therein, including any of those actions specified in the paragraph immediately above, whether or not such action was taken or decision was rendered with respect to the Bank (or its successor), or any change, amendment, application or interpretation shall be officially proposed, which, in any such case, in the written opinion to the Bank (or its successor) of legal counsel of recognized standing, will result (assuming, that such change, amendment or action is applied to the Notes by the taxing authority and that, in the case of any announced prospective change, that such announced change will become effective as of the date specified in such announcement and in the form announced in the Bank (or its successor) becoming obligated to pay, on the next succeeding date on which a payment is due, additional amounts with respect to the Notes;

and, in any such case, the Bank (or its successor), in its business judgment, determines that such obligation cannot be avoided by the use of reasonable measures available to it (or its successor).

The redemption price will be determined by the Calculation Agent, in its discretion, and such determination will, under certain circumstances, be confirmed by an independent calculation expert. See General Terms of the Notes Appointment of Independent Calculation Experts on page PS-20, in the accompanying product prospectus supplement.

In the event the Bank elects to redeem the Notes pursuant to the provisions set forth in the preceding paragraph, it shall deliver to the trustees a certificate, signed by an authorized officer, stating that the Bank is entitled to redeem such Notes pursuant to their terms in whole only.

The Bank will give notice of intention to redeem such Notes to holders of the Notes not more than 45 nor less than 30 days prior to the date fixed for redemption specifying, among other things, the date fixed for redemption, and on or promptly after the redemption date, it will give notice of the redemption price.

Other than as described above, the Notes are not redeemable prior to their maturity.

#### HYPOTHETICAL PAYMENTS ON THE NOTES

The examples set out below are included for illustration purposes only. The hypothetical Percentage Changes of the Reference Asset used to illustrate the calculation of the Payment at Maturity (rounded to two decimal places) are not estimates or forecasts of the Initial Level, the Final Level or the level of the Reference Asset on the Valuation Date or on any Trading Day prior to the Maturity Date. All examples assume that a holder purchased Notes with an aggregate Principal Amount of \$1,000.00, a Buffer Percentage of 10.00% (the Buffer Level is 90.00% of the

Initial Level), a Buffer Rate of 111.11%, a Maximum Redemption Amount of \$1,195.00 (119.50% of the Principal Amount) and that no market disruption event occurs on the Valuation Date. Amounts below may have been rounded for ease of analysis.

Example 1 Calculation of the Payment at Maturity where the Percentage Change is positive.

Percentage Change: 5.00%

Payment at Maturity:  $\$1,000.00 + (\$1,000.00 \times 150.00\% \times 5.00\%) = \$1,000.00 + \$75.00 = \$1,075.00$ 

On a \$1,000.00 investment, a 5.00% Percentage Change results in a Payment at Maturity of \$1,075.00, a 7.50% return on the Notes. The 7.50% return corresponds to a compound annual return of 3.6925% per annum.

Example 2 Calculation of the Payment at Maturity where the Percentage Change is positive (and the Payment at Maturity is subject to the Maximum Redemption Amount).

Percentage Change: 40.00%

Payment at Maturity:  $\$1,000.00 + (\$1,000.00 \times 150.00\% \times 40.00\%) = \$1,000.00 + \$600.00 = \$1,600.00$  however, the Maximum Redemption Amount is \$1,195.00 and the Payment at Maturity would be \$1,195.00

On a \$1,000.00 investment, a 40.00% Percentage Change results in a Payment at Maturity of \$1,195.00, a 19.50% return on the Notes. The 19.50% return corresponds to a compound annual return of 9.3428% per annum.

Example 3 Calculation of the Payment at Maturity where the Percentage Change is negative (but not by more than the Buffer Percentage).

Percentage Change: -8.00%

Payment at Maturity: \$1,000.00 (at maturity, if the Percentage Change is negative BUT the decrease is not more than the Buffer Percentage, then the Payment at Maturity will equal the Principal Amount)

On a \$1,000.00 investment, a -8.00% Percentage Change results in a Payment at Maturity of \$1,000.00, a 0.00% return on the Notes. The 0.00% return corresponds to a compound annual return of 0.00% per annum.

Example 4 Calculation of the Payment at Maturity where the Percentage Change is negative (the decrease is more than the Buffer Percentage).

Percentage Change: -50.00%

Payment at Maturity:  $\$1,000.00 + [\$1,000.00 \times 111.11\% \times (-50.00\% + 10.00\%)] = \$1,000.00 - \$444.44 = \$555.56$ 

On a \$1,000.00 investment, a -50.00% Percentage Change results in a Payment at Maturity of \$555.56, a -44.44% return on the Notes. The -44.44% return corresponds to a compound annual return of -25.5246% per annum.

Accordingly, if the Percentage Change is less than -10.00%, meaning the percentage decline from the Initial Level to the Final Level is greater than 10.00%, the Bank will pay you less than the full Principal Amount, resulting in a loss on your investment that is equal to the Buffer Rate multiplied by the negative Percentage Change in excess of the Buffer Percentage. You may lose up to 100% of your principal.

Any payment on the Notes, including any repayment of principal, is subject to the creditworthiness of the Bank. If the Bank were to default on its payment obligations, you may not receive any amounts owed to you under the Notes and you could lose your entire investment.

The following graph represents hypothetical returns only and is not indicative of actual results. The graph demonstrates the hypothetical return on the Notes at maturity for the set of Percentage Changes of the Reference Asset from -100.00% to 100.00% using the same assumptions as set forth above. Your investment may result in a complete loss of your principal at maturity.

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#### ADDITIONAL RISKS

An investment in the Notes involves significant risks. In addition to the following risks included in this pricing supplement, we urge you to read Additional Risk Factors Specific to the Notes beginning on page PS-5 of the accompanying product prospectus supplement and Risk Factors beginning on page S-2 of the accompanying prospectus supplement.

In particular, you should read the following risk factors (only headings included) in the Additional Risk Factors Specific to the Notes General Risks Relating to the Notes and Risks Relating to the Applicable Reference Asset sections of the accompanying product prospectus supplement: The Buffer Level and Barrier Level Provide Only Limited Principal Protection; The Notes May Not Pay Interest and Your Return May Be Lower than the Return on a Conventional Debt Security of Comparable Maturity; Your Potential Payment at Maturity May Be Limited; Owning the Notes Is Not the Same as Owning the Reference Asset or its Components or a Security Directly Linked to the Performance of the Reference Asset or its Components; There May Not Be an Active Trading Market for the Notes Sales in the Secondary Market May Result in Significant Losses; The Market Value of Your Notes May Be Influenced by Many Unpredictable Factors; Payments on the Notes Are Subject to Our Credit Risk, and Changes in Our Credit Ratings Are Expected to Affect the Market Value of the Notes; The Amount to Be Paid at Maturity Will Not Be Affected by All Developments Relating to the Reference Asset; We Will Not Hold Any Asset Comprising the Reference Asset for Your Benefit; You Must Rely on Your Own Evaluation of the Merits of an Investment Linked to the Reference Asset; Changes that Affect an Index Included in the Reference Asset Will Affect the Market Value of the Notes and the Amount You Will Receive at Maturity; Trading and Other Transactions by the Bank or its Affiliates in the Reference Asset or Its Components, Futures, Options, Exchange-Traded Funds or Other Derivative Products May Adversely Affect the Market Value of the Notes; The Inclusion in the Purchase Price of the Notes of an Underwriting Commission and of Our Cost of Hedging Our Market Risk under the Notes is Likely to Adversely Affect the Market Value of the Notes ; We Have No Affiliation with Any Index Sponsor and Will Not Be Responsible for Any Actions Taken by an Index Sponsor ; The Business Activities of the Bank or its Affiliates May Create Conflicts of Interest ; The Calculation Agent Can Postpone the Determination of the Final Level if a Market Disruption Event Occurs; There Are Potential Conflicts of Interest Between You and the Calculation Agent; The Historical Performance of the Reference Asset or its Components Should Not Be Taken as an Indication of Their Future Performance; U.S. Taxpayers Will be Required to Pay Taxes Each Year on Notes that Are Treated as Contingent Payment Debt Instruments and Notes that Are Issued with Original Issue Discount; Non-U.S. Investors May Be Subject to Certain Additional Risks; Employee Retirement Income Security Act and Considerations for Employee Benefit Plans; You Will Not Have Any Shareholder Rights and Will Have No Right to Receive any Shares of the Reference Asset at Maturity; An Investment in the Notes May Be Subject to Risks Associated with Non-U.S. Securities Markets; The Return on the Notes Will Be Exposed to Fluctuations in Exchange Rates that Might Affect the Level of the Reference Asset and the Payment at Maturity and We Do Not Control Any Company Included in a Reference Asset and Are Not Responsible for Any Disclosure Made by Any Other Company.

You should understand the risks of investing in the Notes and should reach an investment decision only after careful consideration, with your advisors, of the suitability of the Notes in light of your particular financial circumstances and the information set forth in this pricing supplement and the accompanying base prospectus, prospectus supplement and product prospectus supplement.

Assuming No Changes in Market Conditions or Any Other Relevant Factors, the Market Value of Your Notes on the Trade Date (As Determined by Reference to Pricing Models Used By Goldman, Sachs & Co.) Is, and the Price You Receive for Your Notes May Be, Significantly Less than the Original Issue Price

The price at which Goldman, Sachs & Co. (as Dealer of the Notes) would initially buy or sell Notes (if Goldman, Sachs & Co. makes a market, which it is under no obligation to do) and the value that Goldman, Sachs & Co. will initially use for account statements and otherwise will significantly exceed the value of your Notes derived from pricing models used by Goldman, Sachs & Co. The amount of the excess will decline on a straight line basis over the period from the date hereof through January 1, 2013. After January 1, 2013, the price at which Goldman, Sachs & Co. would buy or sell Notes (if Goldman, Sachs & Co. makes a market) will reflect the value determined by reference to the pricing models, plus the Dealer s customary bid and ask spread.

The value or quoted price of your Notes at any time will reflect many factors and cannot be predicted. If Goldman, Sachs & Co. makes a market in the Notes, the price quoted by Goldman, Sachs & Co. would reflect any changes in market conditions and other relevant factors, including deterioration in the Bank s creditworthiness or perceived creditworthiness whether measured by the Bank s credit ratings or other credit measures. These changes may adversely affect the market price of your Notes, including the price you may receive for your Notes in any market making transaction. To the extent that Goldman, Sachs & Co. makes a market in the Notes, it may receive income from the spreads between its bid and offer prices for the Notes, if any. The quoted price (and the value of your Notes that Goldman, Sachs & Co. will use for account statements or otherwise) could be higher or lower than the original issue price and may be higher or lower than the value of your Notes as determined by reference to pricing models used by Goldman, Sachs & Co.

If at any time a third party dealer quotes a price to purchase your Notes or otherwise values your Notes, that price may be significantly different (higher or lower) than any price quoted by Goldman, Sachs & Co. See The Price at Which the Notes may be Sold prior to Maturity will Depend on a Number of Factors and May Be Substantially Less Than the Amount for Which They Were Originally Purchased .

Furthermore, if you sell your Notes, you will likely be charged a commission for secondary market transactions, or the price will likely reflect a dealer discount.

There is no assurance that Goldman, Sachs & Co. or any other party will be willing to purchase your Notes; and, in this regard, Goldman, Sachs & Co. is not obligated to make a market in the Notes. See The Notes Lack Liquidity.

# The Inclusion of Dealer Spread and Projected Profit from Hedging in the Original Issue Price is Likely to Adversely Affect Secondary Market Prices

Assuming no change in market conditions or any other relevant factors, the price, if any, at which Scotia Capital (USA) Inc. or any other party is willing to purchase the Notes at any time in secondary market transactions will likely be significantly lower than the original issue price, since secondary market prices are likely to exclude underwriting commissions paid with respect to the Notes and the cost of hedging our obligations under the Notes that are included in the original issue price. The cost of hedging includes the projected profit that we and/or our subsidiaries may realize in consideration for assuming the risks inherent in managing the hedging transactions. These secondary market prices are also likely to be reduced by the costs of unwinding the related hedging transactions. In addition, any secondary market prices may differ from values determined by pricing models used by Scotia Capital (USA) Inc. as a result of dealer discounts, mark-ups or other transaction costs.

## Risk of Loss at Maturity

Any payment on the Notes at maturity depends on the Percentage Change of the Reference Asset. The Bank will only repay you the full Principal Amount of your Notes if the Percentage Change is equal to or greater than -10.00%. If the Percentage Change is less than -10.00%, meaning the percentage decline from the Initial Level to the Final Level is greater than the 10.00% Buffer Percentage, you will lose a significant portion of your initial investment in an amount equal to the Buffer Rate multiplied by that negative Percentage Change in excess of the Buffer Percentage. Accordingly, you may lose your entire investment in the Notes if the percentage decline from the Initial Level to the Final Level is greater than 10.00%.

#### The Downside Market Exposure to the Reference Asset is Buffered Only at Maturity

You should be willing to hold your Notes to maturity. If you are able to sell your Notes prior to maturity in the secondary market, you may have to sell them at a loss relative to your initial investment even if the level of the Reference Asset at such time is not below the Initial Level by a percentage greater than the Buffer Percentage.

#### Your Potential Payment at Maturity Is Limited by the Maximum Redemption Amount

The Payment at Maturity will not exceed the Maximum Redemption Amount. Therefore, if the appreciation of the Reference Asset exceeds the cap on appreciation in the Maximum Redemption Amount, the Notes will provide less opportunity to participate in the appreciation of the Reference Asset than an investment in a security linked to the Reference Asset providing full participation in the appreciation. Accordingly, the return on the Notes may be less than the return would be if you made an investment in a security directly linked to the positive performance of the Reference Asset.

#### The Notes Differ from Conventional Debt Instruments

The Notes are not conventional notes or debt instruments. The Notes do not provide you with interest payments prior to maturity as a conventional fixed-rate or floating-rate debt security with the same maturity would. The return that you will receive on the Notes, which could be negative, may be less than the return you could earn on other investments. Even if your return is positive, your return may be less than the return you would earn if you bought a conventional senior interest bearing debt security of the Bank.

#### No Interest

The Notes do not bear interest and, accordingly, you will not receive any interest payments on the Notes.

#### Your Investment is Subject to the Credit Risk of The Bank of Nova Scotia

The Notes are senior unsecured debt obligations of the Bank, and are not, either directly or indirectly, an obligation of any third party. As further described in the accompanying prospectus, prospectus supplement and product prospectus supplement, the Notes will rank on par with all of the other unsecured and unsubordinated debt obligations of the Bank, except such obligations as may be preferred by operation of law. Any payment to be made on the Notes, including the Payment at Maturity, depends on the ability of the Bank to satisfy its obligations as they come due. As a result, the actual and perceived creditworthiness of the Bank may affect the market value of the Notes and, in the event the Bank were to default on its obligations, you may not receive the amounts owed to you under the terms of the Notes. If you sell the Notes prior to maturity, you may receive substantially less than the Principal Amount of your Notes.

#### The Notes are Subject to Market Risk

The return on the Notes is directly linked to the performance of the Reference Asset and indirectly linked to the value of the Reference Asset constituent stocks, and the extent to which the Percentage Change is positive or negative. The levels of the Reference Asset can rise or fall sharply due to factors specific to the Reference Asset constituent stocks, as well as general market factors, such as general market volatility and levels, interest rates and economic and political conditions.

#### The Participation Rate Applies Only at Maturity

You should be willing to hold your Notes to maturity. If you are able to sell your Notes prior to maturity in the secondary market, the price you receive will likely not reflect the full economic value of the Participation Rate or the Notes themselves, and the return you realize may be less than the Percentage Change even if such return is positive. You can receive the full benefit of the Participation Rate only if you hold your Notes to maturity.

#### The Payment at Maturity Is Not Linked to the Level of the Reference Asset at Any Time Other Than the Valuation Date

The Payment at Maturity will be based on the Final Level (subject to adjustments as described). Therefore, for example, if the closing level of the Reference Asset declined substantially as of the Valuation Date compared to the Trade Date, the Payment at Maturity may be significantly less than it would otherwise have been had the Payment at Maturity been linked to the closing levels of the Reference Asset prior to the Valuation Date. Although the actual level of the Reference Asset at maturity or at other times during the term of the Notes may be higher than the Final Level, you will not benefit from the closing levels of the Reference Asset at any time other than the Valuation Date.

# If the Levels of the Reference Asset or the Reference Asset Constituent Stocks Change, the Market Value of Your Notes May Not Change in the Same Manner

Your Notes may trade quite differently from the performance of the Reference Asset or the Reference Asset constituent stocks. Changes in the levels of the Reference Asset or the Reference Asset constituent stocks may not result in a comparable change in the market value of your Notes. We discuss some of the reasons for this disparity under The Price at Which the Notes may be Sold prior to Maturity will Depend on a Number of Factors and May Be Substantially Less Than the Amount for Which They Were Originally Purchased below.

#### Holding the Notes is Not the Same as Holding the Reference Asset Constituent Stocks

Holding the Notes is not the same as holding the Reference Asset constituent stocks. As a holder of the Notes, you will not be entitled to the voting rights or rights to receive dividends or other distributions or other rights that holders of the Reference Asset constituent stocks would enjoy.

#### No Assurance that the Investment View Implicit in the Notes Will Be Successful

It is impossible to predict with certainty whether and the extent to which the level of the Reference Asset will rise or fall. There can be no assurance that the level of the Reference Asset will rise above the Initial Level or that the percentage decline from the Initial Level to the Final Level will not be greater than the Buffer Percentage. The Final Level may be influenced by complex and interrelated political, economic, financial and other factors that affect the Reference Asset constituent stocks. You should be willing to accept the risks of the price performance of equity securities in general and the Reference Asset constituent stocks in particular, and the risk of losing some or all of your initial investment.

Furthermore, we cannot give you any assurance that the future performance of the Reference Asset or the Reference Asset constituent stocks will result in your receiving an amount greater than or equal to the Principal Amount of your Notes. Certain periods of historical performance of the Reference Asset or the Reference Asset constituent stocks would have resulted in you receiving less than the Principal Amount of your Notes if you had owned notes with terms similar to these Notes in the past. See Information Regarding The Reference Asset in this pricing supplement for further information regarding the historical performance of the Reference Asset.

#### The Reference Asset Reflects Price Return Only and Not Total Return

The return on your Notes is based on the performance of the Reference Asset, which reflects the changes in the market prices of the Reference Asset constituent stocks. It is not, however, linked to a total return index or strategy, which, in addition to reflecting those price returns, would also reflect dividends paid on the Reference Asset constituent stocks. The return on your Notes will not include such a total return feature or dividend component.

#### Past Performance is Not Indicative of Future Performance

The actual performance of the Reference Asset over the life of the Notes, as well as the amount payable at maturity, may bear little relation to the historical performance of the Reference Asset or to the hypothetical return examples set forth elsewhere in this pricing supplement. We cannot predict the future performance of the Reference Asset.

#### We May Sell an Additional Aggregate Principal Amount of the Notes at a Different Issue Price

We may decide to sell an additional aggregate Principal Amount of the Notes subsequent to the date of this pricing supplement. The issue price of the Notes in the subsequent sale may differ substantially (higher or lower) from the original issue price you paid as provided on the cover of this pricing supplement.

# Changes Affecting the Reference Asset Could Have an Adverse Effect on the Value of the Notes

The policies of Standard and Poor's Financial Services LLC, a subsidiary of the McGraw Hill Companies, the sponsor of the Reference Asset (the Sponsor or S&P), concerning additions, deletions and substitutions of the Reference Asset constituent stocks and the manner in which the Sponsor takes account of certain changes affecting those Reference Asset constituent stocks may adversely affect the level of the Reference Asset. The policies of the Sponsor with respect to the calculation of the Reference Asset could also adversely affect the level of the Reference Asset. The Sponsor may discontinue or suspend calculation or dissemination of the Reference Asset. Any such actions could have a material adverse effect on the value of the Notes.

#### The Bank Cannot Control Actions by the Sponsor and the Sponsor Has No Obligation to Consider Your Interests

The Bank and its affiliates are not affiliated with the Sponsor and have no ability to control or predict its actions, including any errors in or discontinuation of public disclosure regarding methods or policies relating to the calculation of the Reference Asset. The Sponsor is not involved in the Notes offering in any way and has no obligation to consider your interest as an owner of the Notes in taking any actions that might negatively affect the market value of your Notes.

# The Price at Which the Notes May Be Sold Prior to Maturity will Depend on a Number of Factors and May Be Substantially Less Than the Amount for Which They Were Originally Purchased

The price at which the Notes may be sold prior to maturity will depend on a number of factors. Some of these factors include, but are not limited to: (i) actual or anticipated changes in the level of the Reference Asset over the full term of the Note, (ii) volatility of the level of the Reference Asset and the market s perception of future volatility of the level of the Reference Asset, (iii) changes in interest rates generally, (iv) any actual or anticipated changes in our credit ratings or credit spreads, and (v) time remaining to maturity. In particular, because the provisions of the Note relating to the Payment at Maturity and the Maximum Redemption Amount behave like options, the value of the Note will vary in ways which are non-linear and may not be intuitive.

Depending on the actual or anticipated level of the Reference Asset and other relevant factors, the market value of the Notes may decrease and you may receive substantially less than 100% of the issue price if you sell your Notes prior to maturity.

#### The Notes Lack Liquidity

The Notes will not be listed on any securities exchange or automated quotation system. Therefore, there may be little or no secondary market for the Notes. Scotia Capital (USA) Inc. and the Dealer may, but are not obligated to, make a market in the Notes. Even if there is a secondary market, it may not provide enough liquidity to allow you to trade or sell the Notes easily. Because we do not expect that other broker-dealers will participate significantly in the secondary market for the Notes, the price at which you may be able to trade your Notes is likely to depend on the price, if any, at which Scotia Capital (USA) Inc. and the Dealer are willing to purchase the Notes from you. If at any time Scotia Capital (USA) Inc. and the Dealer were not to make a market in the Notes, it is likely that there would be no secondary market for the Notes. Accordingly, you should be willing to hold your Notes to maturity.

Except to the Extent an Affiliate of the Dealer Is One of the 500 Companies Whose Common Stock Constitutes the Reference Asset, There Is No Affiliation Between Any Constituent Stock Issuers or the Reference Asset Sponsor and the Bank or the Dealer, and Neither the Bank Nor the Dealer Is Responsible for Any Disclosure by Any of the Other Reference Asset Constituent Stock Issuers or the Reference Asset Sponsor

The common stock of The Goldman Sachs Group, Inc. is one of the 500 Reference Asset constituent stocks that constitute the Reference Asset. However, the Dealer is not otherwise affiliated with the issuers of the Reference Asset constituent stocks or with the Reference Asset Sponsor. As discussed herein, however, the Bank, the Dealer, and our or its respective affiliates may currently, or from time to time in the future, engage in business with the issuers of the Reference Asset constituent stocks. Nevertheless, none of us, the Dealer, or our or its respective affiliates assumes any responsibility for the accuracy or the completeness of any information about the Reference Asset or any of the other Reference Asset constituent stocks. You, as an investor in the Notes, should make your own investigation into the Reference Asset and the issuers of the Reference Asset constituent stocks. See the section below entitled Information Regarding the Reference Asset for additional information about the Reference Asset.

# Hedging Activities by the Bank and the Dealer May Negatively Impact Investors in the Notes and Cause Our Respective Interests and Those of Our Clients and Counterparties to Be Contrary to Those of Investors in the Notes

The Bank or one or more of our respective affiliates and the Dealer or one or more of its affiliates has hedged or expects to hedge the obligations under the Notes by purchasing futures and/or other instruments linked to the Reference Asset. The Bank, the Dealer or one or more of our respective affiliates also expects to adjust the hedge by, among other things, purchasing or selling any of the foregoing, and perhaps other instruments linked to the Reference Asset or one or more of the Reference Asset constituent stocks, at any time and from time to time, and to unwind the hedge by selling any of the foregoing on or before the Valuation Date.

The Bank or one or more of our respective affiliates and the Dealer or one or more of its affiliates may also enter into, adjust and unwind hedging transactions relating to other basket- or index-linked Notes whose returns are linked to changes in the level or price of the Reference Asset or the Reference Asset constituent stocks. Any of these hedging activities may adversely affect the level of the Reference Asset directly or indirectly by affecting the price of the Reference Asset constituent stocks and therefore the market value of the Notes and the amount you will receive, if any, on the Notes. In addition, you should expect that these transactions will cause the Bank, or our respective affiliates, or the Dealer, or its affiliates, or our respective clients or counterparties, to have economic interests and incentives that do not align with, and that may be directly contrary to, those of an investor in the Notes. The Bank, or our respective affiliates, or the Dealer, or its affiliates will have no obligation to take, refrain from taking or cease taking any action with respect to these transactions based on the potential effect on an investor in the Notes, and may receive substantial returns with respect to these hedging activities while the value of the Notes may decline.

# Market Activities by the Bank, Scotia Capital (USA) Inc. and by the Dealer for Our Own Account or for Our Clients Could Negatively Impact Investors in the Notes

The Bank, Scotia Capital (USA) Inc. and our respective affiliates and the Dealer and its affiliates provide a wide range of financial services to a substantial and diversified client base. As such, we each may act as an investor, investment banker, research provider, investment manager, investment advisor, market maker, trader, prime broker or lender. In those and other capacities, we, the Dealer and/or our respective affiliates purchase, sell or hold a broad array of investments, actively trade securities (including the Notes or other securities that we have issued), the Reference Asset constituent stocks, derivatives, loans, credit default swaps, indices, baskets and other financial instruments and products for our own accounts or for the accounts of our customers, and we will have other direct or indirect interests, in those securities and in other markets that may be not be consistent with your interests and may adversely affect the level of the Reference Asset and/or the value of the Notes. Any of these financial market activities may, individually or in the aggregate, have an adverse effect on the level of the Reference Asset and the market for your Notes, and you should expect that our interests and those of the Dealer and/or its affiliates, or our respective clients or counterparties, will at times be adverse to those of investors in the Notes.

The Bank, Scotia Capital (USA) Inc. and our respective affiliates and the Dealer and its affiliates regularly offer a wide array of securities, financial instruments and other products into the marketplace, including existing or new products that are similar to the Notes or other securities that we may issue, the Reference Asset constituent stocks or other securities or instruments similar to or linked to the foregoing. Investors in the Notes should expect that the Bank and our respective affiliates and the Dealer and its affiliates will offer securities, financial instruments, and other products that may compete with the Notes for liquidity or otherwise.

The Bank, Scotia Capital (USA) Inc. and Our Respective Affiliates and the Dealer and Its Affiliates Regularly Provide Services to, or Otherwise Have Business Relationships with, a Broad Client Base, Which Has Included and May Include Us and the Issuers of the Reference Asset Constituent Stocks

The Bank, Scotia Capital (USA) Inc. and our respective affiliates and the Dealer and its affiliates regularly provide financial advisory, investment advisory and transactional services to a substantial and diversified client base. You should assume that we or they will, at present or in the future, provide such services or otherwise engage in transactions with, among others, us and the issuers of the Reference Asset constituent stocks, or transact in securities or instruments or with parties that are directly or indirectly related to these entities. These services could include making loans to or equity investments in those companies, providing financial advisory or other investment banking services, or issuing research reports. You should expect that the Bank, and our respective affiliates and the Dealer and its affiliates, in providing these services, engaging in such transactions, or acting for our own accounts, may take actions that have direct or indirect effects on the Notes or other securities that we may issue, the Reference Asset constituent stocks or other securities or instruments similar to or linked to the foregoing, and that such actions could be adverse to the interests of investors in the Notes. In addition, in connection with these activities, certain personnel within us, the Dealer or our respective affiliates may have access to confidential material non-public information about these parties that would not be disclosed to investors in the Notes.

#### Other Investors in the Notes May Not Have the Same Interests as You

The interests of other investors may, in some circumstances, be adverse to your interests. Other investors may make requests or recommendations to us or the Dealer regarding the establishment of transactions on terms that are adverse to your interests, and investors in the Notes are not required to take into account the interests of any other investor in exercising remedies, voting or other rights in their capacity as Noteholders. Further, other investors may enter into market transactions with respect to the Notes, assets that are the same or similar to the Notes, assets referenced by the Notes (such as stocks or stock indices) or other similar assets or securities which may adversely impact the market for or value of your Notes. For example, an investor could take a short position (directly or indirectly through derivative transactions) in respect of securities similar to your Notes or in respect of the Reference Asset.

# The Calculation Agent Can Postpone the Valuation Date for the Notes if a Market Disruption Event with Respect to the Reference Asset Occurs

If the Calculation Agent determines, in its sole discretion, that, on a day that would otherwise be the Valuation Date, a market disruption event with respect to the Reference Asset has occurred or is continuing for the Reference Asset, the Valuation Date will be postponed until the first following trading day on which no market disruption event occurs or is continuing, although the Valuation Date will not be postponed by more than seven scheduled trading days. Moreover, if the Valuation Date is postponed to the last possible day, but a market disruption event occurs or is continuing on that day, that day will nevertheless be the Valuation Date, and the Calculation Agent will determine the applicable Final Level that must be used to determine the Payment at Maturity. Under certain circumstances, the determinations of the Calculation Agent will be confirmed by an independent expert. See General Terms of the Notes Unavailability of the Level of the Reference Asset on a Valuation Date and General Terms of the Notes Market Disruption Events beginning on PS-17 and Appointment of Independent Calculation Experts on page PS-20, in the accompanying product prospectus supplement.

# There Is No Affiliation Between Any Constituent Stock Issuers or the Reference Asset Sponsor and Us or the Dealer, and Neither We Nor the Dealer Is Responsible for Any Disclosure by Any of the Other Reference Asset Constituent Stock Issuers or the Reference Asset Sponsor

The Bank, Scotia Capital (USA) Inc., and our respective affiliates and the Dealer and its respective affiliates may currently, or from time to time in the future, engage in business with the issuers of the Reference Asset constituent stocks. Nevertheless, none of us, the Dealer, or our or its respective affiliates assumes any responsibility for the accuracy or the completeness of any information about the Reference Asset or any of the other Reference Asset constituent stocks. Before investing in the Notes you should make your own investigation into the Reference Asset and the issuers of the Reference Asset constituent stocks. Seindent: 0.5in">

On February 1, 2011, the Company adopted the 2011 Non-Qualified Stock Option Plan (the "2011 Plan"), to replace the 2001 Plan discussed below, and has filed Registration Statements on Form S-8 to register 30,000,000 shares of its common stock. Under the 2011 Plan, employees and consultants may elect to receive their gross compensation in the form of options, exercisable at \$.001 per share, to acquire the number of shares of the Company's common stock equal to their gross compensation divided by the fair value of the stock on the date of grant. The options granted have a 10 year contractual term and vest one hundred percent on the date of grant. Information with respect to stock options granted under this plan during the period ended March 31, 2013 is as follows:

	Number of	Weighted			
	shares	average exercise			
		price per share			
Options outstanding at December 31 2012	3,000,000	0.015			
Granted	-	-			
Exercised	-	-			
Options outstanding at March 31, 2013	3,000,000	0.145			

There were no awards under this plan during the period ended March 31, 2013.

#### 2002 Plan

The 2002 Stock Option Plan ("2002 Plan") provides for the award of qualified and non-qualified options for up to 30,000,000 shares. The options granted have a ten-year contractual term and have a vesting schedule of either immediately, two years, or four years from the date of grant. Information with respect to stock options granted under this plan during the period ended March 31, 2013 is as follows:

	Number of	Weighted			
	shares		erage exercise ice per share		
Options outstanding at December 31, 2012	8,000,000	\$	0.095		
Granted	-		-		
Cancelled or Expired	-		-		
Exercised	-		-		
Options outstanding at March 31, 2013	8,000,000	\$	0.095		

There are currently no shares reserved for issuance under this plan.

#### 2001 Plan

The 2001 Non-Qualified Stock Option Plan (the "2001 Plan") expired on January 31, 2011. The Company adopted the 2001 Plan on February 1, 2001 and filed Registration Statements on Form S-8 to register 120,000,000 shares of its common stock. Under the 2001 Plan, employees and consultants could have elected to receive their gross compensation in the form of options, exercisable at \$.001 per share, to acquire the number of shares of the Company's common stock equal to their gross compensation divided by the fair value of the stock on the date of grant. Information with respect to stock options granted under this plan during the period ended March 31, 2013 is as

follows:

	Number of shares	av	eighted erage exercise ice per share
Options outstanding at December 31, 2012	30,582	\$	0.001
Granted	-		-
Cancelled or Expired	-		-
Exercised	-		-
Options outstanding at March 31, 2013	30,582	\$	0.001

# Fair value of issuances

The fair value of the Company's option grants under the 2012, 2011, and 2002 Plans were estimated at the date of grant using the Black-Scholes option-pricing model with the following weighted average assumptions:

	March 31, 2012	N	March 31, 2011	l
Expected term (based upon historical experience)	<1 week		<1 week	
Expected volatility	118.35	%	103.26	%
Expected dividends	None		None	
Risk free interest rate	0.10	%	0.02	%

The stock volatility for each grant is determined based on a review of the experience of the weighted average of historical daily price changes of the Company's common stock over the expected option term. The expected term was determined using the simplified method for estimating expected option life, which qualify as "plain-vanilla" options; and the risk-free rate is based on the U.S. Treasury yield curve in effect at the time of grant for periods corresponding with the expected life of the option.

		Weighted	
		Average	
	Number of	Remaining	Aggregate
<b>Exercise Prices</b>	Shares	Contractual Life	Intrinsic Value*
0.001	30,582	1.58	\$ 2,110.00
0.041	5,000,000	9.36	145,000.00
0.048	2,000,000	9.69	44,000.00
0.065	5,000,000	9.36	25,000.00
0.145	6,000,000	8.62	-
weighted	18,000,000	9.14	\$ 216,110.00

<sup>\*</sup>The intrinsic value of a stock option is the amount by which the market value of the underlying stock exceeds the exercise price of the option

Summary of all stock option plans during the period ended March 31, 2013 is as follows:

	Number of Shares	Weighted Average Price	
Options outstanding at December 31, 2012	18,030,582	\$ 0.083	
Granted	-	\$ -	
Cancelled	-	\$ -	
Exercied	-	\$ -	
Options outstanding at March 31, 2013	18,030,582	\$ 0.083	

#### **Note 4. Income Taxes**

There was no provision for income taxes for the three months ended March 31, 2013 and 2012 due to the Company's net operating losses and its valuation reserve against deferred income taxes.

The difference between the provision for income taxes using amounts computed by applying the statutory federal income tax rate of 34% and the Company's effective tax rate is due primarily to the net operating losses incurred by the Company and the valuation allowance against the Company's deferred tax asset. The valuation allowance has been recognized to fully reserve against net deferred tax assets at March 31, 2013 and December 31, 2012 is due to the likelihood that the benefit from the deferred tax asset will not be realized.

Net operating losses are the only temporary differences and the related carry forwards that give rise to deferred taxes.

The Company has not been audited by the Internal Revenue Service ("IRS") or any states in connection with income taxes. The Company files income tax returns in the U.S. federal jurisdiction and Massachusetts. The periods from 2009-2011 remain open to examination by the IRS and state jurisdictions.

At March 31, 2013, the Company has federal and state net operating loss carry forwards of approximately \$41,000,000 and \$19,900,000, respectively, available to offset future taxable income. The state carry-forwards will expire intermittently through 2015, while the federal carry forwards will expire intermittently through 2032.

# Note 5. Commitments and contingencies

#### Lease commitment

During 2011, the Company entered into a lease agreement for its Westborough, Massachusetts location. The lease is for an initial five year term, with an option to renew for on additional five year term. Monthly rent is \$13,856 for the initial five year term, plus applicable taxes and operating expenses, all of which has been prepaid with 6,082,985 shares of restricted stock of the Company at a closing market price of \$.21 per share. However, due to declining stock prices, the Company may need to supplement the prepayments with additional future stock issuances or cash.

# Legal matters

In the normal course of business, the Company periodically becomes involved in litigation. As of March 31, 2013, in the opinion of management, the Company had no pending litigation that would have a material adverse effect on the Company's financial position, results of operations, or cash flows.

## **Note 6. Advanced Royalties**

Advanced royalties represent amounts the Company has advanced to certain clients and are recoupable against future royalties earned by the clients. Advances are issued in either cash or stock and advanced amounts are calculated based on the clients' projected earning potential over a fixed period of time. Advances made by issuing stock or stock options are recorded at the fair value on the date of issue. During the second quarter of 2012, the Company issued options to purchase common stock at an exercise price of \$0.001 per share for both advance and previously earned royalties. The options were exercised immediately along with a Company guarantee that the shares acquired would sell for at least \$1,246,188 within 6 months. If the shares do not reach the required \$0.12 per share within that period, the Company has the option of issuing additional shares at their fair value at the end of the period or making a cash payment of the difference between the guaranteed sales price and the fair value of the stock at the end of the 6 month period. The Company extended the guarantee through 2013.

#### Note 7. Fair Value Disclosures

The following table presents fair values for those assets and liabilities measured at fair value on a recurring basis and the level within the fair value hierarchy in which the measurements fall. No transfers among the levels within the fair value hierarchy occurred during the three months ended March 31, 2013.

	Fair Value						
	Level March 31, 2013			December 31,			
	Levei	Wiarcii 51, 2015		2012			
Investments	1	\$ 251,500		\$ 142,800			
Royalty Guarantee	2	(79,200	)	(79,000	)		
Advance Guarantee	2	(366,900	)	(364,200	)		

The fair value of the Company's investments classified as trading securities is determined based on the closing market prices of the respective common stock as of March 31, 2013.

The fair value of the royalty and advance guarantees was calculated using the Black-Scholes Option Pricing Model with the following assumptions:

Term of guarantee 9 months Historical volatility 217.84 % Expected dividend None

Risk free interest rate 0.04 %

# **Note 8. Subsequent Events**

During April 2013, in connection with the agreement the Company entered into with MCN (see Note 1), a large portion of the Company's inventory was transferred to MCN. The value of the inventory transferred was deemed an advance to MCN by the Company to be offset against any future expenses incurred, as defined under the agreement. MCN will now be providing the fulfillment and VIP services and the Company will receive a portion of the profit from the services.

# ITEM MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS.

## **Forward Looking Statements**

This Quarterly Report on Form 10-Q contains certain forward-looking statements (within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934) regarding the Company and its business, financial condition, results of operations and prospects. Words such as "expects," "anticipates," "intends," "plans," "believes," "seeks," "estimates", "could", "may", "should", "will", "would", and similar expressions or variations of such words are intended to identify forward-looking statements in this report. Additionally, statements concerning future matters such as the development of new services, technology enhancements, purchase of equipment, credit arrangements, possible changes in legislation and other statements regarding matters that are not historical are forward-looking statements.

Although forward-looking statements in this quarterly report reflect the good faith judgment of the Company's management, such statements can only be based on facts and factors currently known by the Company. Consequently, forward-looking statements are inherently subject to risks, contingencies and uncertainties, and actual results and outcomes may differ materially from results and outcomes discussed in this report. Although the Company believes that its plans, intentions and expectations reflected in these forward-looking statements are reasonable, the Company can give no assurance that its plans, intentions or expectations will be achieved. For a more complete discussion of these risk factors, see Item 1A, "Risk Factors", in the Company's Form 10K for the fiscal year ended December 31, 2012 that was filed on April 15, 2013.

For example, the Company's ability to achieve positive cash flow and to become profitable may be adversely affected as a result of a number of factors that could thwart its efforts. These factors include the Company's inability to successfully implement the Company's business and revenue model, tour or event cancellations, higher costs than anticipated, the Company's inability to sell its products and services to a sufficient number of customers, the introduction of competing products or services by others, the Company's failure to attract sufficient interest in, and traffic to, its sites, the Company's inability to complete development of its sites, the failure of the Company's operating systems, and the Company's inability to increase its revenues as rapidly as anticipated. If the Company is not profitable in the future, it will not be able to continue its business operations.

## Overview

The primary focus of PAID, Inc. (the "Company" or "PAID") has been the providing of brand-related services to businesses and celebrity clients in the entertainment, sports and collectible industries. PAID's brand management, brand marketing, social media marketing, product design and merchandising, fulfillment services, website design,

development and hosting, and authentication services are designed to grow each client's customer base in size loyalty and revenue generation. We offer entertainers, celebrity athletes and business entities a comprehensive web-presence and related services by supporting and managing clients' official websites and fan-community services including e-commerce, VIP ticketing, live event fan experiences, user-generated content, and client content publishing distribution.

In January 2013, the Company entered into a partnership agreement with Music City Networks ("MCN"). In accordance with the agreement, as of the effective date, MCN will be providing the above mentioned client based services directly to the Company's clients in exchange for a profit participation as defined in the agreement. Going forward the primary focus of PAID is to expand upon and monetize its Intellectual Property.

# **Critical Accounting Policies**

Our significant accounting policies are more fully described in Note 3 to our financial statements included in our Form 10-K filed on April 15, 2013. However, certain of our accounting policies most notably with respect to revenue recognition, are particularly important to the portrayal of our financial position and results of operations and require the application of significant judgment by our management; as a result, they are subject to an inherent degree of uncertainty. In applying these policies, our management makes estimates and judgments that affect the reported amounts of assets, liabilities, revenues and expenses and related disclosures. Those estimates and judgments are based upon our historical experience, the terms of existing contracts, our observance of trends in the industry, information that we obtain from our customers and outside sources, and on various other assumptions that we believe to be reasonable and appropriate under the circumstances, the results of which form the basis for making judgments about the carrying values of assets and liabilities that are not readily apparent from other sources. Actual results may differ from these estimates under different assumptions or conditions. Our critical accounting policies include:

#### **Inventories**

Inventories are stated at the lower of average cost or market on a first-in, first-out method. On a periodic basis we review inventories on hand to ascertain if any is slow moving or obsolete. In connection with this review, we establish reserves based upon management's experience and assessment of current product demand. A substantial portion of the Company's inventories is comprised of movie posters for which valuation is more subjective than with more standard inventories. The balance is comprised of merchandise and collectibles that relate to performing artists. General economic conditions, tour schedules of performing artists, and the reputation of the performing artists/athletes, might make sale or disposition of these inventories more or less difficult. Any increases in the reserves would cause a decline in profitability, since such increases are recorded as charges against operations.

#### Advanced royalties

The Company accounts for advanced royalties in accordance with FASB ASC 928, "Financial Reporting in the Record and Music Industry". Prepaid royalties represent amounts paid in advance to certain clients and are recoupable against future royalties earned by the clients. Advances are issued in either cash or stock and advance amounts are calculated based on the client's projected earning potential over a fixed period of time. Advances issued in stock are recorded at the fair value on the date of issue.

#### **Results of Operations**

# Comparison of the three months ended March 31, 2013 and 2012.

The following discussion compares the Company's results of operations for the three months ended March 31, 2013
with those for the three months ended March 31, 2012. The Company's financial statements and notes thereto included
elsewhere in this quarterly report contain detailed information that should be referred to in conjunction with the
following discussion.

Revenues

The following table compares total revenue for the periods indicated.

	2013	2012	% Change	
Merchandising and fulfillment	\$627,100	\$680,500	(8	)%
Client services	17,700	67,400	(74	)%
Touring revenue	287,500	533,000	(46	)%
Total revenues	\$932,300	\$1,280,900	(27	)%

Revenues decreased 27% in the first quarter primarily from a 46% decrease in touring revenues, an 8% decrease in merchandising and fulfillment, and a 74% decrease in client services.

Merchandising and fulfillment revenues decreased \$53,400 or 8% to \$627,100 compared to \$680,500 in 2012.

Client services revenues decreased \$49,700 or 74% to \$17,700 compared to \$67,400 in 2012. The decrease was attributable to the completion of a large consulting project where the Company provided music industry consulting services.

Touring revenues decreased \$245,500 or 46% to \$287,500, compared to \$533,000 in 2012. The Company has generated a consistent touring base and revenues are directly impacted by our client's touring schedules and frequency. During the first quarter of 2013 there was a limited amount of touring.

## Gross Profit

Gross profit decreased \$147,100 or 29% to \$358,400 compared to \$505,500 in 2012. Gross margin decreased 1.1 percentage points to 38.4% from 39.5% in 2012.

# Operating Expenses

Total operating expenses in 2013 were \$665,000 compared to \$1,605,900 in 2012, a decrease of \$940,900 or 59%. The decrease is largely due to decreases of \$800,000 in payroll, including consulting and related costs.

Net Loss

The Company realized a net loss in the first quarter of 2013 of \$201,600 compared to a net loss of \$1,032,100 for the same period in 2012. The losses for the first quarter of 2013 and 2012 each represent less than \$0.01 per share.

# **Operating Cash Flows**

A summarized reconciliation of the Company's net loss to cash used in operating activities for the three months ended March 31, 2013, and 2012 is as follows:

	2013	2012	
Net loss	\$(201,600)	\$(1,032,100	))
Depreciation and amortization	19,900	13,900	
Unrealized gain on investment	(108,700)	(127,500	)
Share based compensation	79,500	90,100	
Change in fair value of stock price guarantee	2,900	57,500	
Amortization of prepaid facility costs	65,200	42,500	
Fair value of stock options awarded to professionals and consultants in payment of fees for services provided	-	475,500	
Fair value of stock options awarded to employees in payment of compensation	-	30,000	
Changes in current assets and liabilities	(124,900)	(342,300	)
Net cash used in operating activities	\$(267,700)	\$(107,800	)

# **Working Capital and Liquidity**

The Company had cash of \$1,158,200 at March 31, 2013, compared to \$1,433,000 at December 31, 2012. The Company had \$388,500 of working capital at March 31, 2013, a decrease of \$99,200, compared to \$487,700 at December 31, 2012. The decrease in working capital is attributable to the use of cash to fund operating activities for the first quarter of 2013.

The Company may need an infusion of additional capital to fund anticipated operating costs over the next 12 months. Subject to the discussion below, management believes that the Company has adequate cash resources to fund operations during the next 12 months. In addition, management continues to explore opportunities and has organized additional resources to monetize its patents. However, there can be no assurance that anticipated growth in new business will occur, and that the Company will be successful in monetizing its patents.

# ITEM 3. Quantitative and Qualitative Disclosures about Market Risk

Not applicable for smaller reporting companies.

## ITEM 4. CONTROLS AND PROCEDURES

#### **Evaluation of Disclosure Controls and Procedures**

The Company's management, including the President of the Company, as its principal executive officer, and the Chief Financial Officer of the Company, as its principal financial officer, have evaluated the effectiveness of the Company's "disclosure controls and procedures," as such term is defined in Rule 13a-15(e) promulgated under the Securities Exchange Act of 1934, as amended (the "Exchange Act"). Based upon this evaluation, the President and Chief Financial Officer concluded that, as of March 31, 2013, the Company's disclosure controls and procedures were not effective, due to material weaknesses in internal control over financial reporting, for the purpose of ensuring that the information required to be disclosed in the reports that the Company files or submits under the Exchange Act with the Securities and Exchange Commission is recorded, processed, summarized and reported within the time period specified by the Securities and Exchange Commission's rules and forms, and is accumulated and communicated to the Company's management, including its principal executive and financial officers, as appropriate to allow timely decisions regarding required disclosure.

The Company has identified five material weaknesses in internal control over financial reporting as described in the Company's Form 10-K for the year ended December 31, 2012.

# **Changes in Internal Control Over Financial Reporting**

There was no change in our internal control over financial reporting during the quarter ended March 31, 2013 that has materially affected, or is reasonably likely to materially affect, our internal control over financial reporting.

# **PART II - OTHER INFORMATION**

# ITEM 1. LEGAL PROCEEDINGS

In the normal course of business, the Company periodically becomes involved in litigation. As of March 31, 2013, in the opinion of management, the Company had no material pending litigation other than ordinary litigation incidental to the business.

# ITEM 1A. RISK FACTORS

There are no material changes for the risk factors previously disclosed on Form 10-K for the year ended December 31, 2012.

# ITEM 2. UNREGISTERED SALES OF EQUITY SECURITIES AND USE OF PROCEEDS

None.

# ITEM 3. DEFAULTS UPON SENIOR SECURITIES

None.

# ITEM 4. MINE SAFETY DISCLOSURES

None.

# ITEM 5. OTHER INFORMATION

None.

# ITEM 6. EXHIBITS

- 31.1 CEO Certification required under Section 302 of Sarbanes-Oxley Act of 2002
  31.2 CFO Certification required under Section 302 of Sarbanes-Oxley Act of 2002
  32.1 and 32.2 CEO and CFO Certification required under Section 906 of Sarbanes-Oxley Act of 2002
- 101.INS XBRL Instance Document (furnished herewith)
- 101.SCH XBRL Taxonomy Extension Schema (furnished herewith)
- 101.CAL XBRL Taxonomy Extension Calculation Linkbase (furnished herewith)
- 101.DEF XBRL Taxonomy Extension Definition Linkbase (furnished herewith)
- 101.LAB XBRL Taxonomy Extension Label Linkbase (furnished herewith)
- 101.PRE XBRL Taxonomy Extension Presentation Linkbase (furnished herewith)

# **SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

PAID, INC. Registrant

Date: May 15, 2013 By:/s/W. Austin Lewis, IV

W. Austin Lewis, President and CFO

# LIST OF EXHIBITS

#### Exhibit No. Description 31.1 CEO Certification required under Section 302 of Sarbanes-Oxley Act of 2002 31.2 CFO Certification required under Section 302 of Sarbanes-Oxley Act of 2002 32.1 and 32.2 CEO and CFO Certification required under Section 906 of Sarbanes-Oxley Act of 2002 101.INS XBRL Instance Document (furnished herewith) XBRL Taxonomy Extension Schema (furnished herewith) 101.SCH 101.CAL XBRL Taxonomy Extension Calculation Linkbase (furnished herewith) XBRL Taxonomy Extension Definition Linkbase (furnished herewith) 101.DEF 101.LAB XBRL Taxonomy Extension Label Linkbase (furnished herewith) XBRL Taxonomy Extension Presentation Linkbase (furnished herewith) 101.PRE