

## **Exhibit 99(a) of the Form S-1 Registration Statement – Daily Adjustment Calculation**

We designed the Daily Adjustment to provide an Index Option Value for each Index Option on Business Days other than the Term Start Date or Term End Date. The Daily Adjustment approximates the Index Option Value on the Term End Date, adjusting for:

- (i) any Index gains during the Term subject to the Cap and/or Participation Rate,
- (ii) any Index losses greater than the Buffer and
- (iii) the number of days until the Term End Date.

The Daily Adjustment formula has two primary components: (i) the change in Proxy Value, and (ii) accumulated proxy interest, which are added together and then multiplied by the Index Option Base. We designed the Daily Adjustment to estimate the present value of positive or negative Performance Credits on the Term End Date. You should note that even if your selected Index(es) experience positive growth, the Daily Adjustments may be negative because of other market conditions, such as the expected volatility of Index prices and interest rates.

### **DAILY ADJUSTMENT FORMULA**

The formula for the calculation of the Daily Adjustment is as follows:

Daily Adjustment = [(a) change in Proxy Value + (b) proxy interest] x Index Option Base

Where:

- (a) change in Proxy Value = (current Proxy Value – beginning Proxy Value)
- (b) proxy interest = beginning Proxy Value x (1 - time remaining during the Term)

### **CALCULATING CHANGE IN PROXY VALUE**

The change in Proxy Value represents the current hypothetical value of the Proxy Investment (current Proxy Value), less the cost of the Proxy Investment on the Term Start Date (beginning Proxy Value).

The current Proxy Value is the Proxy Value calculated on the same day as the Daily Adjustment. The beginning Proxy Value is the Proxy Value calculated on the Term Start Date.

The Proxy Value involves tracking three hypothetical derivatives and is calculated using the following formula:

Proxy Value = (at-the-money call) – (out-of-the-money call) – (out-of-the-money put)

With respect to our Proxy Value formula, we designed the at-the-money call and out-of-the-money call to value the potential for Index gains up to the Cap, and the out-of-the-money put to value the potential for Index losses greater than the Buffer. It is important to note that the out-of-the-money put will almost always reduce the Daily Adjustment, even when the current Index price on a Business Day is higher than the Index Value on the Term Start Date. This is because the risk that the Index Value could be lower on the Term End Date is present to some extent whether or not the current Index price on a Business Day is lower than the Index Value on the Term Start Date. For purposes of the Proxy Value formula the value of the out-of-the-money call will be zero if an Index Option is uncapped.

### **DERIVATIVE DESCRIPTIONS**

#### **At-the-money call (AMC)**

This is an option to buy a position in the Index on the Term End Date at the strike price of one. On a Term End Date the AMC's value is equal to the current Index price on a Business Day divided by the Index Value on the Term Start Date, then minus one, the difference being no less than zero.

#### **Out-of-the-money call (OMC)**

This is an option to buy a position in the Index on the Term End Date at the strike price of (one plus the Cap). On a Term End Date the OMC's value is equal to the current Index price on a Business Day divided by the Index Value on the Term Start Date, then minus the sum of one plus the Cap, the difference being no less than zero. For purposes of the Proxy Value formula if an Index Option is uncapped the OMC will be zero.

### **Out-of-the-money-put (OMP)**

This is an option to sell a position in the Index on the Term End Date at the strike price of (one minus the Buffer). On a Term End Date the OMP's value is equal to one minus the Buffer, then minus the quotient of the Index Value on the Term Start Date divided by the current Index price on a Business Day, the difference being no less than zero.

### **CALCULATING PROXY INTEREST**

The proxy interest is an amount of interest that is earned to provide compensation for the cost of the Proxy Investment at the Term Start Date. The proxy interest is approximated by the value of amortizing the cost of the Proxy Investment over the Term to zero. The formula for proxy interest involves the calculation of: (i) the beginning Proxy Value, and (ii) the time remaining during the Term. The time remaining during the Term is equal to the number of days remaining in the Term divided by the Term length. The Term length is equal to the number of days from the Term Start Date to the Term End Date (e.g., in a non-leap year, a 1-year Term has 365 days). The proxy interest may be significantly different from current interest rates available on interest bearing investments.

### **PROXY VALUE CALCULATION**

Throughout the Term, on Business Days other than the Term Start Date or Term End Date, we calculate each hypothetical derivative daily using a fair market value methodology. The purpose of this calculation is to determine the market value of your allocation. Changes in Proxy Value inputs can result in a negative Daily Adjustment even with a positive return in the Index.

### **PROXY VALUE INPUTS**

**Term TD return** – The Index price at the end of the current Business Day divided by the Index Value on the Term Start Date. The Index prices are provided daily by Bloomberg or another market source.

**Dividend yield** – The expected dividend yield as approximated by a market source, including any adjustments for exchange rates. We use dividend yields consistent with the market pricing of options. Since dividends typically reduce Index prices, a higher dividend yield will lead to a lower expected Index price.

**Strike price** – This varies for each derivative investment as follows.

- For an AMC the strike price is equal to 1.
- For an OMC:
  - For Index Options without a Participation Rate, the strike price is equal to 1 plus the Cap.
  - For Index Options with a Participation Rate, the strike price is equal to 1 plus the Cap divided by the Participation Rate.
- For an OMP the strike price is equal to 1 minus the Buffer.

If an Index Option is uncapped, we do not use the OMC.

**Notional amount** – For Index Options with a Participation Rate, the notional amount reflects the increase in the amount of derivative instruments required within the Proxy Investment due to the Participation Rate. The notional amount varies for each derivative investment as follows:

- For an AMC or OMC the notional amount is equal to the Participation Rate
- For an OMP the notional amount is equal to 1

If an Index Option is uncapped, we do not use the OMC.

**Interest rate** – The interest rate is used to present value the strike price from the next Term End Date to the time of calculation. We use interest rates consistent with market pricing of options.

**Time remaining** – This is equivalent to the portion of time remaining during the Term. It is equal to the number of days in the Term from the Term End Date to the time of the calculation divided by the Term length.

**Volatility** – The volatility of an Index as approximated daily using observed option prices by a market source. The volatility is used in determining the likelihood and expected amount that the Index Value will differ from the strike price on the next Index Anniversary. As volatility increases, the value of call and put options generally increase.

## EXAMPLE: INDEX PERFORMANCE STRATEGY 1-YEAR TERM WITH 10% BUFFER USING S&P 500® INDEX

Assume you purchase a Contract and allocate your total initial Purchase Payment of \$10,000 to the Index Option for the Index Performance Strategy 1-year Term with 10% Buffer using S&P 500® Index. On the Term Start Date the Index Option Base is \$10,000, the Cap is 12%, the Buffer is 10% and the Index Value is 1,000. *Please note that these examples may differ from your actual results due to a variety of market factors.*

### Term Start Date

On the Term Start Date we calculate the beginning Proxy Value as follows.

<b>Strike price</b>	AMC = 1.00	OMC = 1.12	OMP = 0.90
<b>Index Value</b>	1,000		
<b>Term TD return</b>	NA		
<b>Time remaining</b>	1.00		
<b>Value of derivatives</b>	AMC = 5.10%	OMC = 0.66%	OMP = 3.37%

Beginning Proxy Value = AMC – OMC – OMP = 5.10% – 0.66% – 3.37% = 1.06%

### End of month one

Assume the Index price increased to 1,010 by the end of month one. We calculate the current Proxy Value as follows:

<b>Strike price</b>	AMC = 1.00	OMC = 1.12	OMP = 0.90
<b>Index price</b>	1,010		
<b>Term TD return</b>	1.00%		
<b>Time remaining</b>	0.92		
<b>Value of derivatives</b>	AMC = 5.41%	OMC = 0.72%	OMP = 2.83%

Current Proxy Value = AMC – OMC – OMP = 5.41% – 0.72% – 2.83% = 1.86%

In this example the Index price increased since the Term Start Date, which generally increases the Proxy Value. We calculate the Daily Adjustment and Index Option Value as follows.

**Daily Adjustment** = [(a) change in Proxy Value + (b) proxy interest] x Index Option Base:

(a) change in Proxy Value = (current Proxy Value – beginning Proxy Value) = (1.86% - 1.06%) = 0.80%

(b) proxy interest = beginning Proxy Value x (1 - Time remaining) = 1.06% x (1 - 0.92) = 0.09%

= [(a) 0.80% + (b) 0.09%] x \$10,000 = **\$89.16**

**Index Option Value** = Index Option Base + Daily Adjustment = \$10,000.00 + \$89.16 = **\$10,089.16**

### End of month one with changes to Proxy Value inputs

Proxy Value inputs can result in a negative Daily Adjustment even with a positive return in the Index. As in the previous example, assume the Index price increased to 1,010 by the end of month one. In addition, assume changes in volatility, interest rates, and dividend yields impact the value of the derivatives. We calculate the current Proxy Value as follows:

<b>Strike price</b>	AMC = 1.00	OMC = 1.12	OMP = 0.90
<b>Index price</b>	1,010		
<b>Term TD return</b>	1.00%		
<b>Time remaining</b>	0.92		
<b>Value of derivatives</b>	AMC = 6.37%	OMC = 2.23%	OMP = 3.50%

$$\text{Current Proxy Value} = \text{AMC} - \text{OMC} - \text{OMP} = 6.37\% - 2.23\% - 3.50\% = 0.63\%$$

In this example the Index price increased since the Term Start Date, which generally increases the Proxy Value. Changes to derivative values decreased the Proxy Value despite the positive Index return. We calculate the Daily Adjustment and Index Option Value as follows.

**Daily Adjustment** = [(a) change in Proxy Value + (b) proxy interest] x Index Option Base:

$$(a) \text{ change in Proxy Value} = (\text{current Proxy Value} - \text{beginning Proxy Value}) = (0.63\% - 1.06\%) = -0.43\%$$

$$(b) \text{ proxy interest} = \text{beginning Proxy Value} \times (1 - \text{Time remaining}) = 1.06\% \times (1 - 0.92) = 0.09\%$$

$$= [(a) -0.43\% + (b) 0.09\%] \times \$10,000 = \mathbf{-\$33.76}$$

$$\text{Index Option Value} = \text{Index Option Base} + \text{Daily Adjustment} = \$10,000.00 + \mathbf{-\$33.76} = \mathbf{\$9,966.24}$$

### End of month three

Assume the Index price decreased to 950 by the end of month three. We calculate the current Proxy Value as follows:

<b>Strike price</b>	AMC = 1.00	OMC = 1.12	OMP = 0.90
<b>Index price</b>	950		
<b>Term TD return</b>	-5.00%		
<b>Time remaining</b>	0.75		
<b>Value of derivatives</b>	AMC = 2.50%	OMC = 0.12%	OMP = 3.99%

$$\text{Current Proxy Value} = \text{AMC} - \text{OMC} - \text{OMP} = 2.50\% - 0.12\% - 3.99\% = -1.61\%$$

In this example the Index price decreased, which generally decreases the Proxy Value. We calculate the Daily Adjustment and Index Option Value as follows.

**Daily Adjustment** = [(a) change in Proxy Value + (b) proxy interest] x Index Option Base:

$$(a) \text{ change in Proxy Value} = (\text{current Proxy Value} - \text{beginning Proxy Value}) = (-1.61\% - 1.06\%) = -2.67\%$$

$$(b) \text{ proxy interest} = \text{beginning Proxy Value} \times (1 - \text{Time remaining}) = 1.06\% \times (1 - 0.75) = 0.27\%$$

$$= [(a) -2.67\% + (b) 0.27\%] \times \$10,000 = \mathbf{-\$240.54}$$

$$\text{Index Option Value} = \text{Index Option Base} + \text{Daily Adjustment} = \$10,000.00 + \mathbf{-\$240.54} = \mathbf{\$9,759.46}$$

## End of month six

Assume the Index price increased to 1100 by the end of month six. We calculate the current Proxy Value as follows:

<b>Strike price</b>	AMC = 1.00	OMC = 1.12	OMP = 0.90
<b>Index price</b>	1100		
<b>Term TD return</b>	10.00%		
<b>Time remaining</b>	0.50		
<b>Value of derivatives</b>	AMC = 10.33%	OMC = 2.16%	OMP = 0.36%

$$\text{Current Proxy Value} = \text{AMC} - \text{OMC} - \text{OMP} = 10.33\% - 2.16\% - 0.36\% = 7.82\%$$

In this example the Index price increased, which generally increases the Proxy Value. We calculate the Daily Adjustment and Index Option Value as follows.

**Daily Adjustment** = [(a) change in Proxy Value + (b) proxy interest] x Index Option Base:

$$(a) \text{ change in Proxy Value} = (\text{current Proxy Value} - \text{beginning Proxy Value}) = (7.82\% - 1.06\%) = 6.75\%$$

$$(b) \text{ proxy interest} = \text{beginning Proxy Value} \times (1 - \text{Time remaining}) = 1.06\% \times (1 - 0.50) = 0.53\%$$

$$= [(a) 6.75\% + (b) 0.53\%] \times \$10,000 = \mathbf{\$728.51}$$

$$\mathbf{\text{Index Option Value}} = \text{Index Option Base} + \text{Daily Adjustment} = \$10,000.00 + \$728.51 = \mathbf{\$10,728.51}$$

Now instead, assume the Index price decreased to 900 by the end of month six. We calculate the current Proxy Value as follows:

<b>Strike price</b>	AMC = 1.00	OMC = 1.12	OMP = 0.90
<b>Index price</b>	900		
<b>Term TD return</b>	-10.00%		
<b>Time Remaining</b>	0.50		
<b>Value of derivatives</b>	AMC = 0.72%	OMC = 0.00%	OMP = 4.93%

$$\text{Current Proxy Value} = \text{AMC} - \text{OMC} - \text{OMP} = 0.72\% - 0.00\% - 4.93\% = -4.21\%$$

In this example the Index price decreased, which generally decreases the Proxy Value. We calculate the Daily Adjustment and Index Option Value as follows.

**Daily Adjustment** = [(a) change in Proxy Value + (b) proxy interest] x Index Option Base:

$$(a) \text{ change in Proxy Value} = (\text{current Proxy Value} - \text{beginning Proxy Value}) = (-4.21\% - 1.06\%) = -5.27\%$$

$$(b) \text{ proxy interest} = \text{beginning Proxy Value} \times (1 - \text{Time remaining}) = 1.06\% \times (1 - 0.50) = 0.53\%$$

$$= [(a) -5.27\% + (b) 0.53\%] \times \$10,000 = \mathbf{-\$473.86}$$

$$\mathbf{\text{Index Option Value}} = \text{Index Option Base} + \text{Daily Adjustment} = \$10,000.00 + -\$473.86 = \mathbf{\$9,526.14}$$

## End of month eleven

Assume the Index price increased to 1095 by the end of month eleven. We calculate the current Proxy Value as follows:

<b>Strike price</b>	AMC = 1.00	OMC = 1.12	OMP = 0.90
<b>Index price</b>	1095		
<b>Index YTD return</b>	9.50%		
<b>Time remaining</b>	0.08		
<b>Value of derivatives</b>	AMC = 9.37%	OMC = 0.46%	OMP = 0.00%

Current Proxy Value = AMC – OMC – OMP = 9.37% – 0.46% – 0.00% = 8.92%

In this example the Index price increased, which generally increases the Proxy Value. We calculate the Daily Adjustment and Index Option Value as follows.

**Daily Adjustment** = [(a) change in Proxy Value + (b) proxy interest] x Index Option Base:

(a) change in Proxy Value = (current Proxy Value – beginning Proxy Value) = (8.92% - 1.06%) = 7.86%

(b) proxy interest = beginning Proxy Value x (1 - Time remaining) = 1.06% x (1 - 0.08) = 0.97%

= [(a) 7.86% + (b) 0.97%] x \$10,000 = **\$882.86**

**Index Option Value** = Index Option Base + Daily Adjustment = \$10,000.00 + \$882.86 = **\$10,882.86**

The following table summarizes each month during a 1-year Term what the hypothetical Proxy Values, Daily Adjustments, and Index Option Values would be for different Index prices. At the end of month one, the table uses the example with initial Proxy Value inputs. At the end of month six, it uses the example where the Index price is 900. For simplicity we assume the Index Option Base is \$10,000 throughout the Term. In reality your Index Option Base changes throughout the Term with the deduction of any partial withdrawal you request and when we deduct applicable contract fees and charges.

Month	Index Prices	AMC	OMC	OMP	Proxy Value	Daily Adjustment	Index Option Value
Term Start Date	1,000	5.10%	0.66%	3.37%	1.06%	\$0.00	\$10,000.00
1	1,010	5.41%	0.72%	2.83%	1.86%	\$89.16	\$10,089.16
2	975	3.62%	0.29%	3.50%	-0.16%	-\$104.73	\$9,895.27
3	950	2.50%	0.12%	3.99%	-1.61%	-\$240.54	\$9,759.46
4	925	1.59%	0.04%	4.60%	-3.05%	-\$376.16	\$9,623.84
5	850	0.30%	0.00%	8.22%	-7.92%	-\$853.97	\$9,146.03
6	900	0.72%	0.00%	4.93%	-4.21%	-\$473.86	\$9,526.14
7	980	2.61%	0.07%	1.62%	0.92%	\$47.62	\$10,047.62
8	1,015	3.95%	0.14%	0.67%	3.13%	\$277.54	\$10,277.54
9	1,100	9.95%	1.39%	0.05%	8.51%	\$824.60	\$10,824.60
10	1,125	12.25%	2.10%	0.00%	10.15%	\$996.95	\$10,996.95
11	1,095	9.37%	0.46%	0.00%	8.92%	\$882.86	\$10,882.86
Term End Date	1,080						\$10,800.00

## EXAMPLE: INDEX PERFORMANCE STRATEGY 3-YEAR TERM WITH 20% BUFFER USING S&P 500® INDEX

This example uses the same assumptions as the Index Option for the Index Performance Strategy 1-year Term with 10% Buffer using S&P 500® Index example, but with a 30% Cap and 100% Participation Rate, and 20% Buffer. *Please note that these examples may differ from your actual results due to a variety of market factors.*

### Term Start Date

On the Term Start Date we calculate the beginning Proxy Value as follows.

<b>Strike price</b>	AMC = 1.00	OMC = 1.30	OMP = 0.80
<b>Notional amount</b>	AMC = 1.00	OMC = 1.00	OMP = 1.00
<b>Index Value</b>	1,000		
<b>Term TD return</b>	NA		
<b>Time remaining</b>	1.00		
<b>Value of derivatives</b>	AMC = 10.82%	OMC = 1.75%	OMP = 6.97%

Beginning Proxy Value = AMC – OMC – OMP = 10.82% - 1.75% - 6.97% = 2.10%

### End of month six

Assume the Index price increased to 1100 by the end of month six. We calculate the beginning Proxy Value as follows.

<b>Strike price</b>	AMC = 1.00	OMC = 1.30	OMP = 0.80
<b>Notional amount</b>	AMC = 1.00	OMC = 1.00	OMP = 1.00
<b>Index Value</b>	1,100		
<b>Term TD return</b>	10.00%		
<b>Time remaining</b>	0.83		
<b>Value of derivatives</b>	AMC = 15.61%	OMC = 3.09%	OMP = 3.95%

Current Proxy Value = AMC – OMC – OMP = 15.61% - 3.09% - 3.95% = 8.57%

We calculate the Daily Adjustment and Index Option Value as follows.

**Daily Adjustment** = [(a) change in Proxy Value + (b) proxy interest] x Index Option Base:

(a) change in Proxy Value = (current Proxy Value – beginning Proxy Value) = (8.57% - 2.10%) = 6.48%

(b) proxy interest = beginning Proxy Value x (1 - Time remaining) = 2.10% x (1 - 0.83) = 0.35%

= [(a) 6.48% + (b) 0.35%] x \$10,000 = **\$682.51**

**Index Option Value** = Index Option Base + Daily Adjustment = \$10,000.00 + \$682.51 = **\$10,682.51**

Now instead, assume the Index price decreased to 900 by the end of month six. We calculate the beginning Proxy Value as follows.

<b>Strike price</b>	AMC = 1.00	OMC = 1.30	OMP = 0.80
<b>Notional amount</b>	AMC = 1.00	OMC = 1.00	OMP = 1.00
<b>Index Value</b>	900		
<b>Term TD return</b>	-10.00%		
<b>Time remaining</b>	0.83		
<b>Value of derivatives</b>	AMC = 5.81%	OMC = 0.47%	OMP = 8.53%

Current Proxy Value = AMC – OMC – OMP = 5.81% - 0.47% - 8.53% = -3.19%

We calculate the Daily Adjustment and Index Option Value as follows.

**Daily Adjustment** = [(a) change in Proxy Value + (b) proxy interest] x Index Option Base:

(a) change in Proxy Value = (current Proxy Value – beginning Proxy Value) = (-3.19% - 2.10%) = -5.29%

(b) proxy interest = beginning Proxy Value x (1 - Time remaining) = 2.10% x (1 - 0.83) = 0.35%

= [(a) -5.29% + (b) 0.35%] x \$10,000 = **-\$494.15**

**Index Option Value** = Index Option Base + Daily Adjustment = \$10,000.00 + -\$494.15 = **\$9,505.85**

**Term Start Date if 3-year Term Index Option is uncapped**

This example uses the same assumptions as the prior Term Start Date example, but has no Cap. Because this 3-year Term Index Option is uncapped the OMC is zero.

On the Term Start Date we calculate the beginning Proxy Value as follows.

<b>Strike price</b>	AMC = 1.00	OMC = NA	OMP = 0.80
<b>Notional amount</b>	AMC = 1.00	OMC = NA	OMP = 1.00
<b>Index Value</b>	1,000		
<b>Term TD return</b>	NA		
<b>Time remaining</b>	1.00		
<b>Value of derivatives</b>	AMC = 10.82%	OMC = 0.00%	OMP = 6.97%

Beginning Proxy Value = AMC – OMC – OMP = 10.82% - 0.00% - 6.97% = 3.85%

**End of month six**

Assume the Index price increased to 1100 by the end of month six. We calculate the beginning Proxy Value as follows.

<b>Strike price</b>	AMC = 1.00	OMC = NA	OMP = 0.80
<b>Notional amount</b>	AMC = 1.00	OMC = NA	OMP = 1.00
<b>Index Value</b>	1,100		
<b>Term TD return</b>	10.00%		
<b>Time remaining</b>	0.83		
<b>Value of derivatives</b>	AMC = 15.61%	OMC = 0.00%	OMP = 3.95%

Current Proxy Value = AMC – OMC – OMP = 15.61% - 0.00% - 3.95% = 11.66%

We calculate the Daily Adjustment and Index Option Value as follows.

**Daily Adjustment** = [(a) change in Proxy Value + (b) proxy interest] x Index Option Base:

(a) change in Proxy Value = (current Proxy Value – beginning Proxy Value) = (11.66% - 3.85%) = 7.81%

(b) proxy interest = beginning Proxy Value x (1 - Time remaining) = 3.85% x (1 - 0.83) = 0.64%

= [(a) 7.81% + (b) 0.64%] x \$10,000 = **\$845.55**

**Index Option Value** = Index Option Base + Daily Adjustment = \$10,000.00 + \$845.55 = **\$10,845.55**

Now instead, assume the Index price decreased to 900 by the end of month six. We calculate the beginning Proxy Value as follows.

<b>Strike price</b>	AMC = 1.00	OMC = NA	OMP = 0.80
<b>Notional amount</b>	AMC = 1.00	OMC = NA	OMP = 1.00
<b>Index Value</b>	900		
<b>Term TD return</b>	-10.00%		
<b>Time remaining</b>	0.83		
<b>Value of derivatives</b>	AMC = 5.81%	OMC = 0.00%	OMP = 8.53%

Beginning Proxy Value = AMC – OMC – OMP = 5.81% - 0.00% - 8.53% = -2.72%

We calculate the Daily Adjustment and Index Option Value as follows.

**Daily Adjustment** = [(a) change in Proxy Value + (b) proxy interest] x Index Option Base:

(a) change in Proxy Value = (current Proxy Value – beginning Proxy Value) = (-2.72% - 3.85%) = -6.57%

(b) proxy interest = beginning Proxy Value x (1 - Time remaining) = 3.85% x (1 - 0.83) = 0.64%

= [(a) -6.57% + (b) 0.64%] x \$10,000 = **-\$592.50**

**Index Option Value** = Index Option Base + Daily Adjustment = \$10,000.00 + -\$592.50 = **\$9,407.50**



## EXAMPLE: INDEX PERFORMANCE STRATEGY 6-YEAR TERM WITH 10% BUFFER USING S&P 500® INDEX

This example uses the same assumptions as the Index Performance Strategy 3-year Term with 20% Buffer using S&P 500® Index example, but has no Cap a 110% Participation Rate, and 10% Buffer. *Please note that these examples may differ from your actual results due to a variety of market factors.*

### Term Start Date

On the Term Start Date we calculate the beginning Proxy Value as follows.

<b>Strike price</b>	AMC = 1.00	OMC = NA	OMP = 0.90
<b>Notional amount</b>	AMC = 1.10	OMC = NA	OMP = 1.00
<b>Index Value</b>	1,000		
<b>Term TD return</b>	NA		
<b>Time remaining</b>	1.00		
<b>Value of derivatives</b>	AMC = 18.91%	OMC = 0.00%	OMP = 15.47%

Beginning Proxy Value = AMC – OMC – OMP = 18.91% - 0.00% - 15.47% = 3.44%

### End of month six

Assume the Index price increased to 1100 by the end of month six. We calculate the beginning Proxy Value as follows.

<b>Strike price</b>	AMC = 1.00	OMC = NA	OMP = 0.90
<b>Notional amount</b>	AMC = 1.10	OMC = NA	OMP = 1.00
<b>Index Value</b>	1,100		
<b>Term TD return</b>	10.00%		
<b>Time remaining</b>	0.92		
<b>Value of derivatives</b>	AMC = 24.31%	OMC = 0.00%	OMP = 11.94%

Current Proxy Value = AMC – OMC – OMP = 24.31% - 0.00% - 11.94% = 12.37%

We calculate the Daily Adjustment and Index Option Value as follows.

**Daily Adjustment** = [(a) change in Proxy Value + (b) proxy interest] x Index Option Base:

(a) change in Proxy Value = (current Proxy Value – beginning Proxy Value) = (12.37% - 3.44%) = 8.94%

(b) proxy interest = beginning Proxy Value x (1 - Time remaining) = 3.44% x (1 - 0.92) = 0.29%

= [(a) 8.94% + (b) 0.29%] x \$10,000 = **\$922.20**

**Index Option Value** = Index Option Base + Daily Adjustment = \$10,000.00 + \$922.20 = **\$10,922.20**

Now instead, assume the Index price decreased to 900 by the end of month six. We calculate the beginning Proxy Value as follows.

<b>Strike price</b>	AMC = 1.00	OMC = NA	OMP = 0.90
<b>Notional amount</b>	AMC = 1.10	OMC = NA	OMP = 1.00
<b>Index Value</b>	900		
<b>Term TD return</b>	-10.00%		
<b>Time remaining</b>	0.92		
<b>Value of derivatives</b>	AMC = 13.18%	OMC = 0.00%	OMP = 18.16%

Current Proxy Value = AMC – OMC – OMP = 13.18% - 0.00% - 18.16% = -4.98%

We calculate the Daily Adjustment and Index Option Value as follows.

**Daily Adjustment** = [(a) change in Proxy Value + (b) proxy interest] x Index Option Base:

(a) change in Proxy Value = (current Proxy Value – beginning Proxy Value) = (-4.98% - 3.44%) = -8.42%

(b) proxy interest = beginning Proxy Value x (1 - Time remaining) = 3.44% x (1 - 0.92) = 0.29%

= [(a) -8.42% + (b) 0.29%] x \$10,000 = **-\$813.35**

**Index Option Value** = Index Option Base + Daily Adjustment = \$10,000.00 + -\$813.35 = **\$9,186.65**

## EXAMPLE: INDEX PROTECTION NY STRATEGY 1-YEAR TERM WITH 30% BUFFER USING S&P 500® INDEX

Assume you purchase a Contract and allocate your total initial Purchase Payment of \$10,000 to the Index Option with the Index Protection NY Strategy 1-year Term with 30% Buffer using S&P 500® Index. On the Term Start Date the Index Option Base is \$10,000, the Cap is 4%, the Buffer is 30%, and the Index Value is 1,000. *Please note that these examples may differ from your actual results due to a variety of market factors.*

### Term Start Date

On the Term Start Date we calculate the beginning Proxy Value as follows.

<b>Strike price</b>	AMC = 1.00	OMC = 1.04	OMP = 0.70
<b>Index Value</b>	1,000		
<b>Term TD return</b>	NA		
<b>Time remaining</b>	1.00		
<b>Value of derivatives</b>	AMC = 5.10%	OMC = 3.23%	OMP = 0.58%

Beginning Proxy Value = AMC – OMC – OMP = 5.10% - 3.23% - 0.58% = 1.28%

### End of month six

Assume the Index price increased to 1100 by the end of month six. We calculate the beginning Proxy Value as follows.

<b>Strike price</b>	AMC = 1.00	OMC = 1.04	OMP = 0.70
<b>Index Value</b>	1,100		
<b>Term TD return</b>	10.00%		
<b>Time remaining</b>	0.50		
<b>Value of derivatives</b>	AMC = 10.33%	OMC = 7.20%	OMP = 0.01%

Current Proxy Value = AMC – OMC – OMP = 10.33% - 7.20% - 0.01% = 3.12%

We calculate the Daily Adjustment and Index Option Value as follows.

**Daily Adjustment** = [(a) change in Proxy Value + (b) proxy interest] x Index Option Base:

(a) change in Proxy Value = (current Proxy Value – beginning Proxy Value) = (3.12% - 1.28%) = 1.84%

(b) proxy interest = beginning Proxy Value x (1 - Time remaining) = 1.28% x (1 - 0.50) = 0.64%

= [(a) 1.84% + (b) 0.64%] x \$10,000 = **\$247.88**

**Index Option Value** = Index Option Base + Daily Adjustment = \$10,000.00 + \$247.88 = **\$10,247.88**

Now instead, assume the Index price decreased to 900 by the end of month six. We calculate the beginning Proxy Value as follows.

<b>Strike price</b>	AMC = 1.00	OMC = 1.04	OMP = 0.70
<b>Index Value</b>	900		
<b>Term TD return</b>	-10.00%		
<b>Time remaining</b>	0.50		
<b>Value of derivatives</b>	AMC = 0.72%	OMC = 0.25%	OMP = 0.38%

Current Proxy Value = AMC – OMC – OMP = 0.72% - 0.25% - 0.38% = 0.09%

We calculate the Daily Adjustment and Index Option Value as follows.

**Daily Adjustment** = [(a) change in Proxy Value + (b) proxy interest] x Index Option Base:

(a) change in Proxy Value = (current Proxy Value – beginning Proxy Value) = (0.09% - 1.28%) = -1.19%

(b) proxy interest = beginning Proxy Value x (1 - Time remaining) = 1.28% x (1 - 0.50) = 0.64%

= [(a) -1.19% + (b) 0.64%] x \$10,000 = **-\$54.92**

**Index Option Value** = Index Option Base + Daily Adjustment = \$10,000.00 + -\$54.92 = **\$9,945.08**

## EXAMPLE: SUMMARY

The following table summarizes hypothetical effects on the Daily Adjustment from the examples above. Percentages shown represent the Daily Adjustment as a percentage of the Index Option Base. *Please note that these examples may differ from your actual results due to a variety of market factors.*

<b>Strategy</b>	<b>Assumed Rate</b>	<b>Hypothetical Daily Adjustment when the index is up 10% at the end of month six</b>	<b>Hypothetical Daily Adjustment when the index is down 10% at the end of month six</b>
Index Performance Strategy 1-Year Term with 10% Buffer	12% Cap	7.29%	-4.74%
Index Performance Strategy 3-Year Term with 20% Buffer	30% Cap	6.46%	-4.63%
Index Performance Strategy 3-Year Term with 20% Buffer	Uncapped	8.46%	-5.93%
Index Performance Strategy 6-Year Term with 10% Buffer	110% Participation Rate	9.22%	-8.13%
Index Protection NY Strategy 1-Year Term with 30% Buffer	4% Cap	2.48%	-0.55%