BLACI	X-SCHOLES & MONTE CARLO SIMULATION OPT	TION PRICING MODELS ("OPM	[")		
OPTION CALCULATION ASSUMPTIONS - (It is recommended that you save this file to a directory as soon as you download the Excel spreadsheet in order to preserve an original "master" version). This Excel spread sheet is on "manual calculation" mode. To initiate the "calculation" function, press the F9 function key several times then wait.	Because you are utilizing a Monte Carlo Simulation Option Pricing Methodology (which requires heavy- duty computer processing time), please give your computer at least two (2) to three (3) minutes to complete each required calculations - you will see the hour-glass processing icon cursor disappear when you computer completes the required calculations. Please be patient while your computer is making the calculations - there is some serious processing occurring.	TYPE OF DATA - INPUT OR CALCULATED	VALUATION DATE	ASSI	JMPTIONS
VIX Options Index on Valuation Date (a measure of volatility) obtained from: www.yahoo.com - historical VIX (stock symbol is VIX) index records as of the valuation date:		Input	December 31, 2012		18.02%
Beta Statistic (a measure of volatility) - Designated by Standard Industrial Classification Code - Beta statistic can be obtained from "Ibbotson Cost of Capital 2012 Yearbook" - Data through March 2012:		Input			1.05
Time to Maturity of the Option - Black/Scholes / or Monte Carlo Simulation:		Input			5.0
Stock Price/or Business Enteprise Value (determined by user/analyst):		Input		\$	100.00
Option Exercise Price or "Strike" Price of the Option (Stock Price/or Business Enteprise Value) (determined by user/analyst):		Input		\$	103.00
Expected Annual Dividend (determined by user/analyst):		Input			0.00%
Risk Free Rate - 5 Year Treasury Bonds (source of data is the Federal Reserve web site - historical rates):		Input			0.72%
Marketability Discount - Calculated by Option Pricing Model ("OPM"):		Calculated by the Black-Scholes Option Pricing Model ("BSOPM") for a "Put" option			16.38%
"Call" Option Value - Calculated by the Black-Scholes Option Pricing Model :		Calculated by the Black-Scholes Option Pricing Model ("BSOPM") for a "Call" option		\$	17.02
"Put" Option Value - Calculated by the Black-Scholes Option Pricing Model :		Calculated by the Black-Scholes Option Pricing Model ("BSOPM") for a "Put" option		\$	16.38
FOR MONTE CARLO SIMULATION (Additional Assur The Monte Carlo simulation approach is another technique that	t can be applied to valuing "Real Options", that is European-				
style options that can only be exercised at the date of expiration multiple sources of uncertainty without the restrictions on distr is similar to the Black-Scholes formula in that it is not as well option can be exercised at any time during the term of the opti	ibution. The limitation of the Monte Carlo approach, however, suited to value American-style "Real Options", where the				
Number of Times Steps (breaks down the time to option expiration in time intervals) should be greater than 750 steps:		Input			800
Number of Simulations (the number of simulations varying the various assumptions) should be 300 simulations or higher:		Input			800
Option value - Calculated by the Monte Carlo Simulation Model :		Calculated by the Monte Carlo Simulation Model - for a "Call"/ or "Put" option	Put	\$	16.42