



# ISE Vertical Spread Indexes

**ISE SPY Bear Call Option Overlay  
Index (VCS)**

**ISE SPY Bull Put Option Overlay  
Index (VPS)**

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Options involve risk and are not suitable for everyone. Prior to buying or selling an option, a person must receive a copy of “Characteristics and Risks of Standardized Options.” Copies may be obtained from your broker, one of the exchanges or The Options Clearing Corporation. A prospectus, which discusses the role of The Options Clearing Corporation, is also available, without charge, upon request at 1-888-OPTIONS or [www.optionseducation.org](http://www.optionseducation.org).

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# Option - Definition

## Options Purchased

Options provide buyer with the right (not obligation) to buy or sell securities (underlying) at a specific price (strike price) within a set period of time (expiration).

## Options Sold

Options provide seller with the obligation (not right) to deliver or receive securities (underlying) at a specific price (strike price) within a set period of time (expiration).

# Options - Long Call

Profit

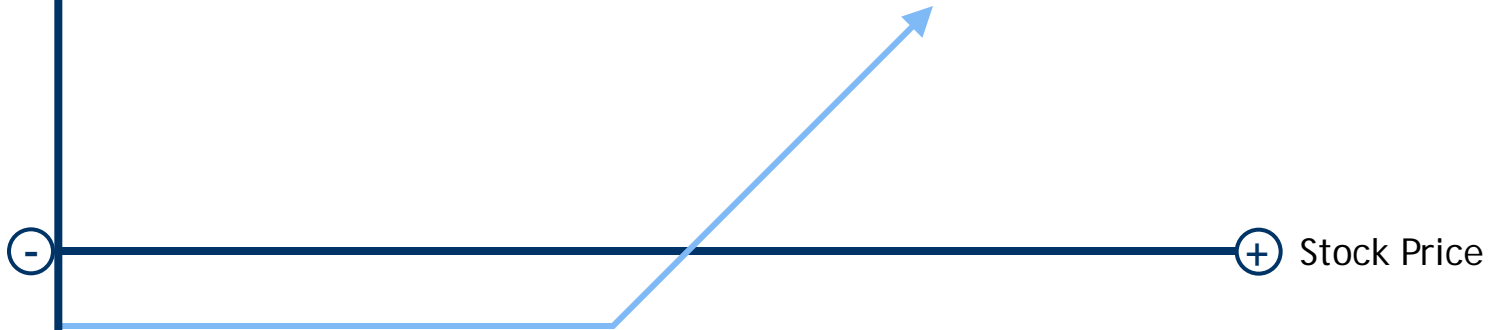
⊕

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Loss

Outlook: Bullish  
The Trade: Buy Call  
Risk: Cost of Call  
Reward: Unlimited - Premium Paid  
Break Even Point: Strike Price + Premium Paid



# Options - Long Put

Profit

⊕

⊖

⊖

Loss

Outlook: Bearish

The Trade: Buy Put

Risk: Cost of Put

Reward: Underlying Price - Premium Paid

Break Even Point: Strike Price - Premium Paid



# Options - Short Call

Profit

+

-

-

Loss

Outlook: Bearish

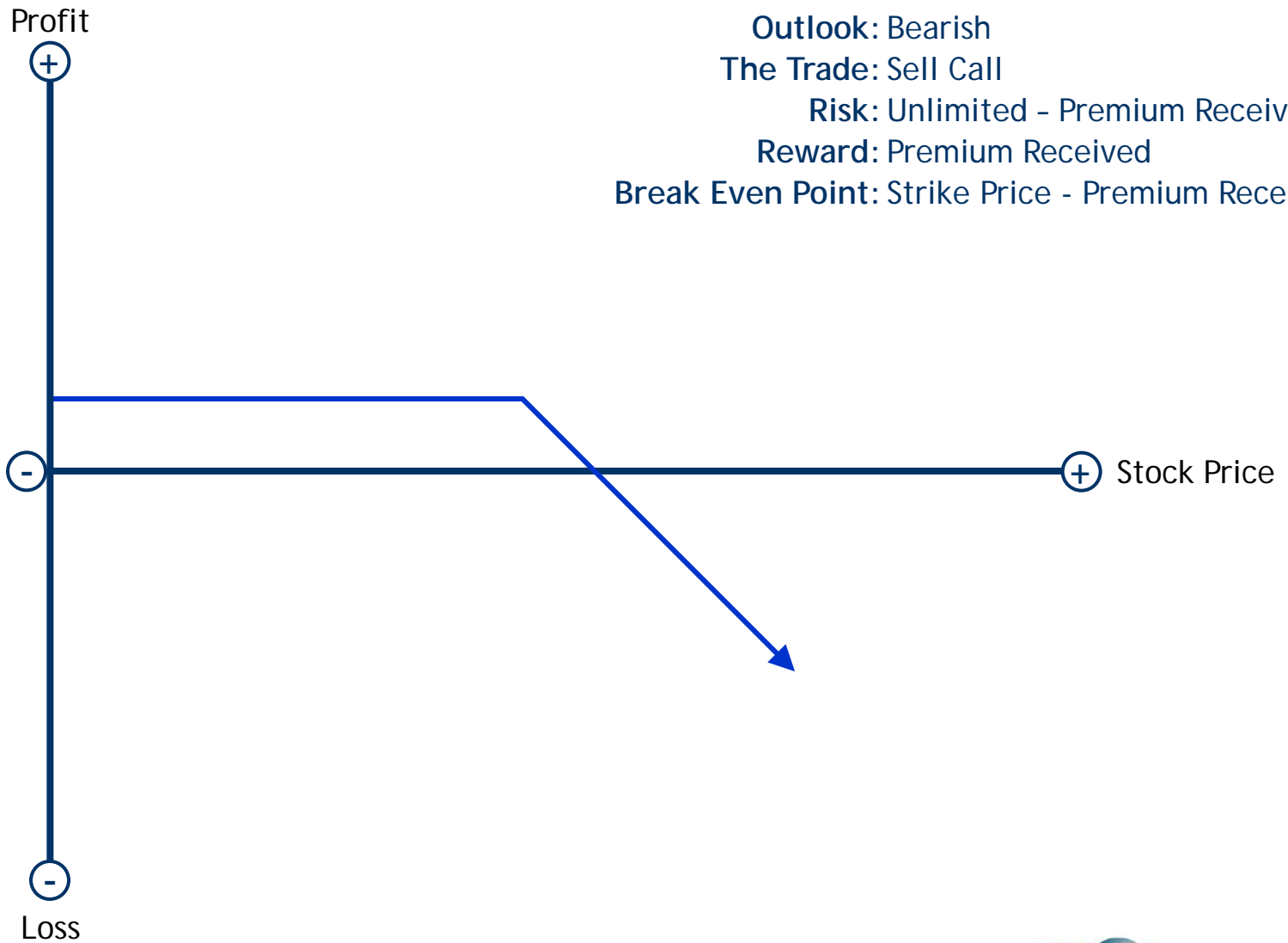
The Trade: Sell Call

Risk: Unlimited - Premium Received

Reward: Premium Received

Break Even Point: Strike Price - Premium Received

+

 Stock Price

# Options - Short Put

Profit

⊕

⊖

⊖

Loss

Outlook: Bullish

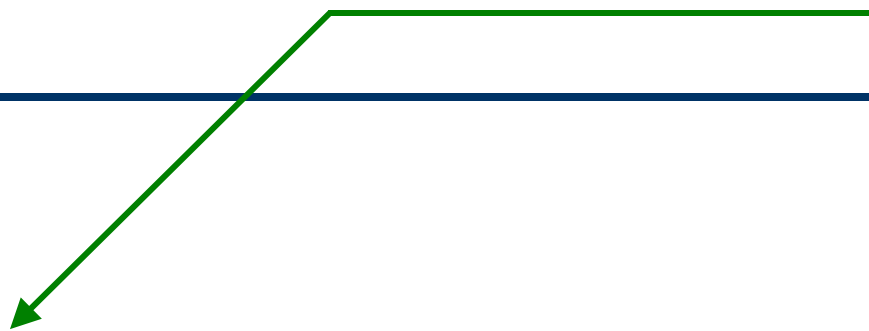
The Trade: Sell Put

Risk: Underlying Price - Premium Received

Reward: Premium Received

Break Even Point: Strike Price - Premium Received

⊕ Stock Price



# Options – Vertical Bear Call Spread

## MULTI-LEG OPTIONS INVESTMENT STRATEGIES

**Vertical Bear Call Spread:** A neutral to bearish multi leg options strategy. Premium is collected through the sale of a call (obligation to deliver the underlying). Part of the premium received is used to buy a call (right to buy the underlying) at a higher strike price. Selling a call theoretically represents unlimited risk. Buying a call limits the risk to the difference between the sold and bought strike prices (strike spread). For example:

SLD: SPY JUN 138 CALL @ 3.11 (Receive \$311)  
BOT: SPY JUN 141 CALL @ 1.62 (Pay \$162)

Net Credit:  $\$311 - \$162 = \$149$   
\$-At-Risk: Difference in Strikes – Net Credit  
 $((141 - 138) \times 100) - \$149 = \$151$

MAX G/L: Max Gain = \$149 (49.67%) / Max Loss = \$151 (-50.33%)

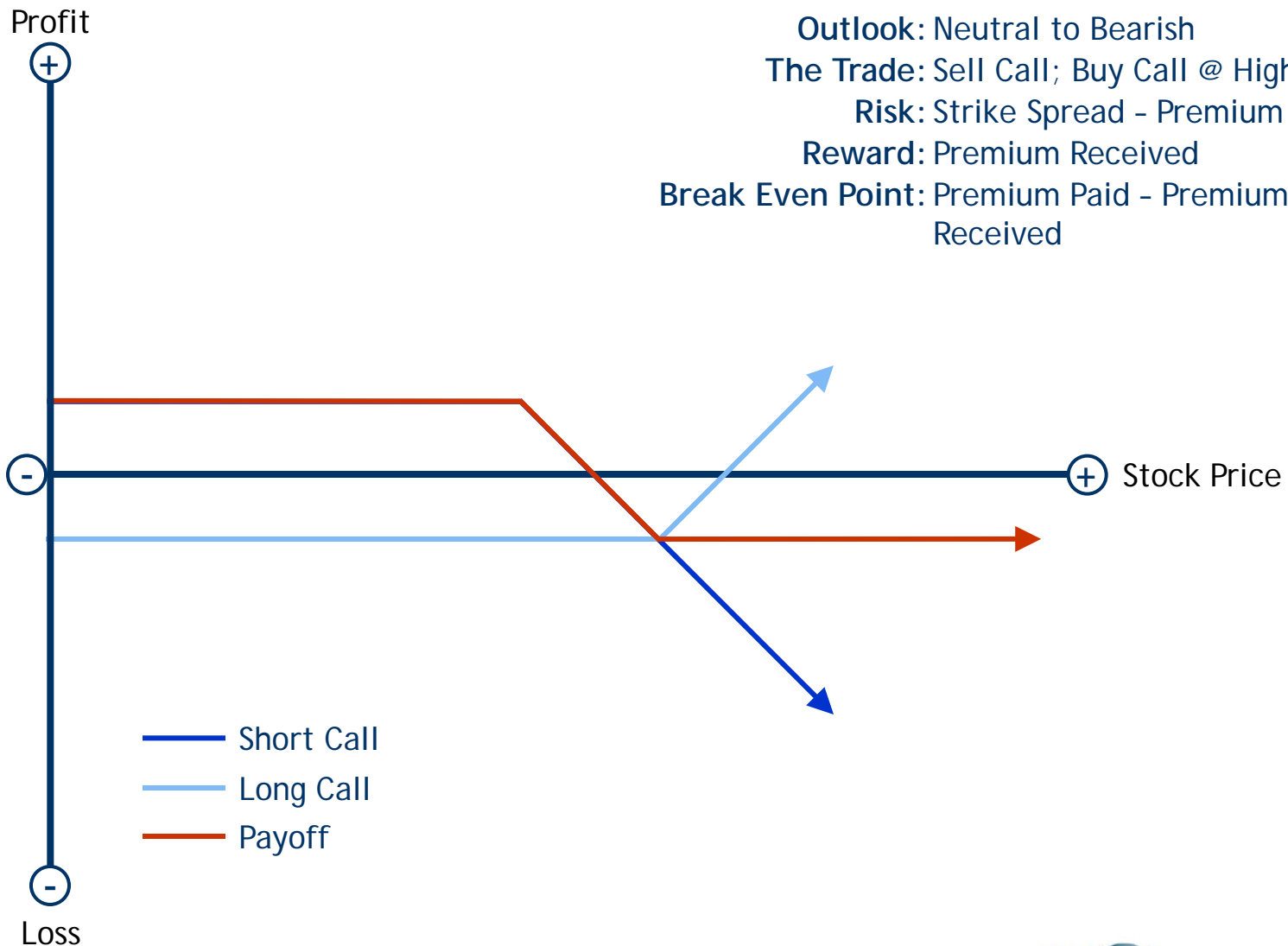
Collateral for this position would generally be determined by the strike spread. Collateral of \$300 would be required to establish this position and is the basis for all G/L calculations.

Pairs that are very close to or At-The-Money (ATM) are more likely to have the underlying trade through them and incur maximum losses. Pairs that are further away from ATM are less attractive from a net credit perspective, but require larger moves of the underlying to put the position at risk. Pairs that are quite far away from ATM exhibit higher levels of price volatility due to the low absolute price levels at which they trade. Being too close or too far away from ATM each present their own risks.





# Options – Vertical Bear Call Spread



# Options – Vertical Bull Put Spread

## MULTI-LEG OPTIONS INVESTMENT STRATEGIES

**Vertical Bear Put Spread:** A neutral to bullish multi leg options strategy. Premium is collected through the sale of a put (obligation to receive the underlying). Part of the premium received is used to buy a put (right to sell the underlying) at a lower strike price. Selling a put theoretically represents risk equal to the contract strike price. Buying a put limits the risk to the difference between the sold and bought strike prices (strike spread). For example:

SLD:            SPY JUN 138 PUT @ 4.06 (Receive \$406)  
BOT:            SPY JUN 135 PUT @ 2.90 (Pay \$290)

Net Credit:    \$406 - \$290 = \$116  
\$-At-Risk:    Difference in Strikes – Net Credit  
                  ((138 – 135) x 100) - \$116 = \$184

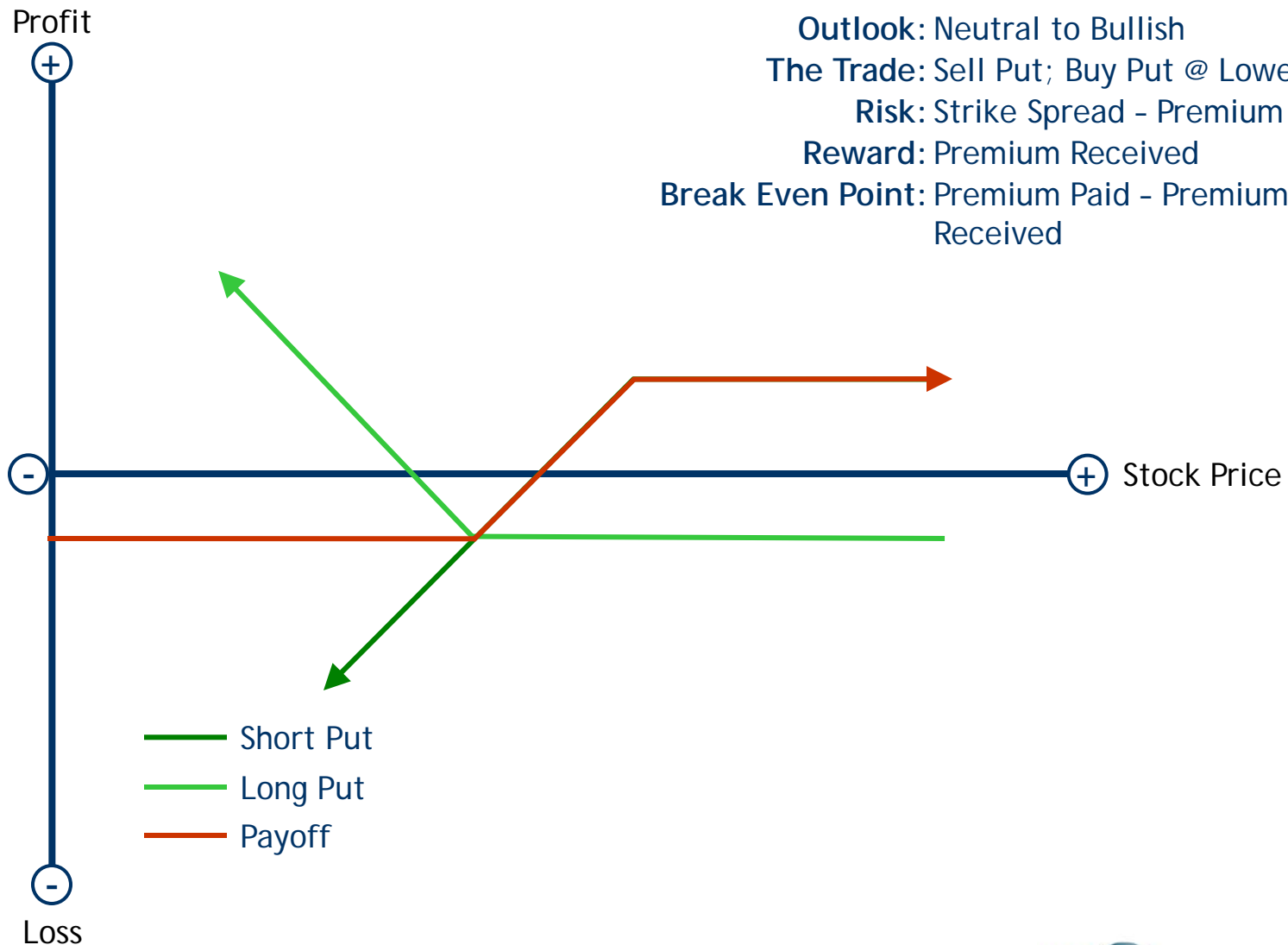
MAX G/L:      Max Gain = \$116 (38.67%) / Max Loss = \$184 (-61.33%)

Collateral for this position would generally be determined by the strike spread. Collateral of \$300 would be required to establish this position and is the basis for all G/L calculations.

Pairs that are very close to or At-The-Money (ATM) are more likely to have the underlying trade through them and incur maximum losses. Pairs that are further away from ATM are less attractive from a net credit perspective, but require larger moves of the underlying to put the position at risk. Pairs that are quite far away from ATM exhibit higher levels of price volatility due to the low absolute price levels at which they trade. Being too close or too far away from ATM each present their own risks.



# Options – Vertical Bull Put Spread



Outlook: Neutral to Bullish  
The Trade: Sell Put; Buy Put @ Lower Strike  
Risk: Strike Spread - Premium Received  
Reward: Premium Received  
Break Even Point: Premium Paid - Premium Received

# Index Price History (01/21/05 – 04/20/12)



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