



**TRADING EXAMPLES**

# **FOREIGN EXCHANGE**

**Halifax Investment Services Limited**

Australian Financial Services Licence No. 225973

Date 26th April 2013

# TRADING EXAMPLES

## Example 1: Going Long

If you expect the Australian dollar to increase because of solid trade figures and anticipate its price to rise by 3.8 cents over the next 12 days.

### Open Position

|                |                 |
|----------------|-----------------|
| Buy Quantity   | \$100,000 US    |
| Price          | 105.20 US cents |
| Contract Value | \$100,000 US x  |
| \$100,000 US x | 105.20 US cents |
| Initial Margin | \$1,000 US      |
| Commission     | 2.5 pips        |

### Close Position

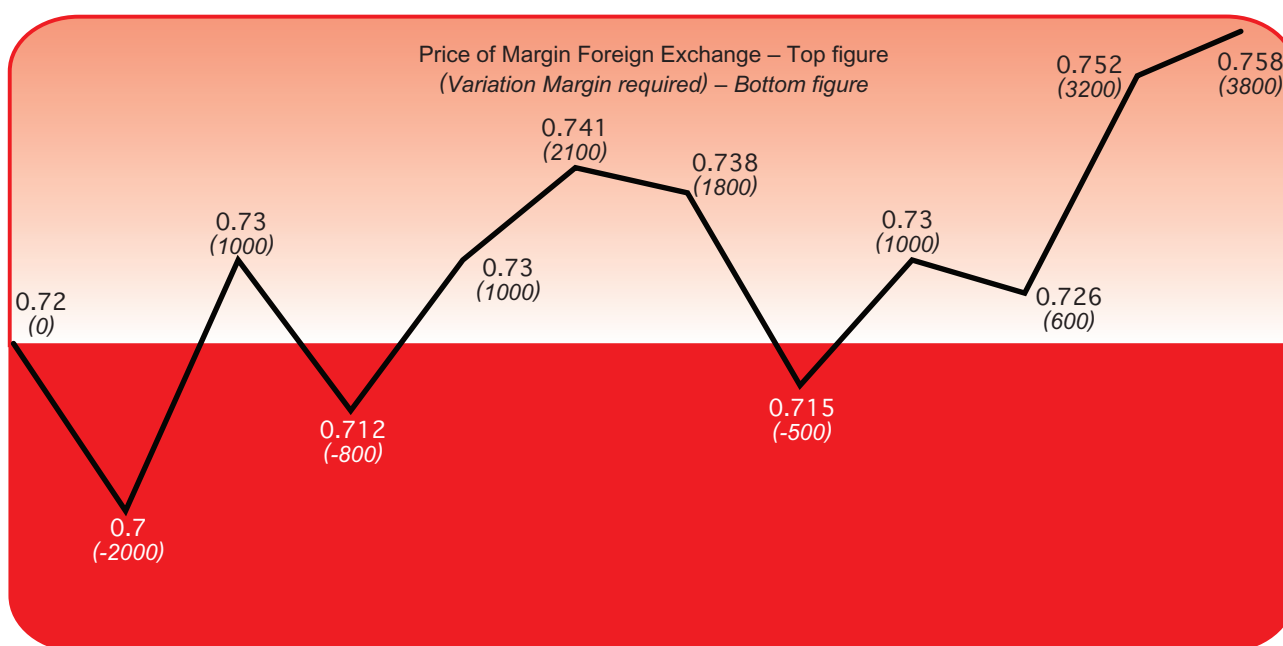
|                            |                     |
|----------------------------|---------------------|
| Sell Quantity              | \$100,000 US        |
| Price                      | 105.80 US cents     |
| Contract Value             | \$100,000 US x      |
|                            | 105.80 US cents     |
| Commission                 | 2.5 pips            |
| Gross Profit               | \$400.00 US         |
| Commission (Bought & Sold) | \$50.00 US          |
| 5 pips                     |                     |
| <b>Net Profit</b>          | <b>\$350.00 USD</b> |

### WARNING

You can potentially lose more money than is in your trading account. As a result of a loss, if your account does not have sufficient funds to cover the loss, you will be required to fund the shortfall immediately. You may face potential financial penalties, legal action or credit agency default.

Foreign Exchange

**AUD USD chart long/profit**



In this example, the investor wants the price to rise and thus the darkened shaded area represents where the investor's capital required (variation margin) to hold the position, will increase or decrease in real time, until the ultimate closing out of the trade. In this example we have assumed no increase or decrease in initial margin requirements.

Alternatively: your expectations prove to be incorrect and your stop loss is triggered.

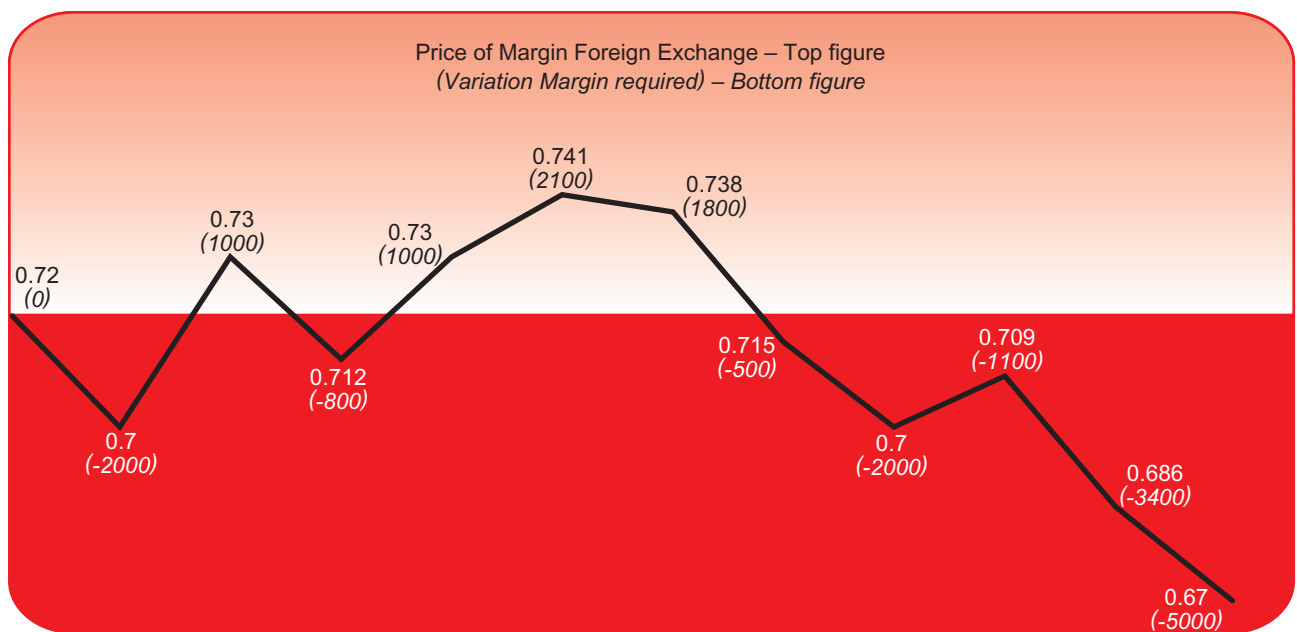
### Close Position

|                            |                                   |
|----------------------------|-----------------------------------|
| Sell Quantity              | \$100,000 US                      |
| Price                      | 104.8                             |
| Contract Value             | \$100,000 US x<br>104.60 US cents |
| Commission                 | 2.5 pips                          |
| Gross Loss                 | \$600.00 US                       |
| Commission (Bought & Sold) | \$50.00 US<br>5 pips              |
| <b>Net Profit (loss)</b>   | <b>(\$650.00) US</b>              |

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You can potentially lose more money than is in your trading account. As a result of a loss, if your account does not have sufficient funds to cover the loss, you will be required to fund the shortfall immediately. You may face potential financial penalties, legal action or credit agency default.

**AUD USD chart long/loss**



In this example, the investor wants the price to rise and thus the darkened shaded area represents where the investor's capital required (variation margin) to hold the position, will increase or decrease in real time, until the ultimate closing out of the trade. In this example we have assumed no increase or decrease in initial margin requirements.

# TRADING EXAMPLES

## Example 2: Going Short

If you expect the US dollar to fall against the Euro because of bad economic data and that it could fall by as much as 5 cents over the next 5 days.

### Open Position

|                |                        |
|----------------|------------------------|
| Sell Quantity  | \$100,000              |
| Price          | \$1.32 US              |
| Contract Value | \$100,000 x<br>1.32 US |
| Initial Margin | \$1,000                |
| Commission     | .01%                   |

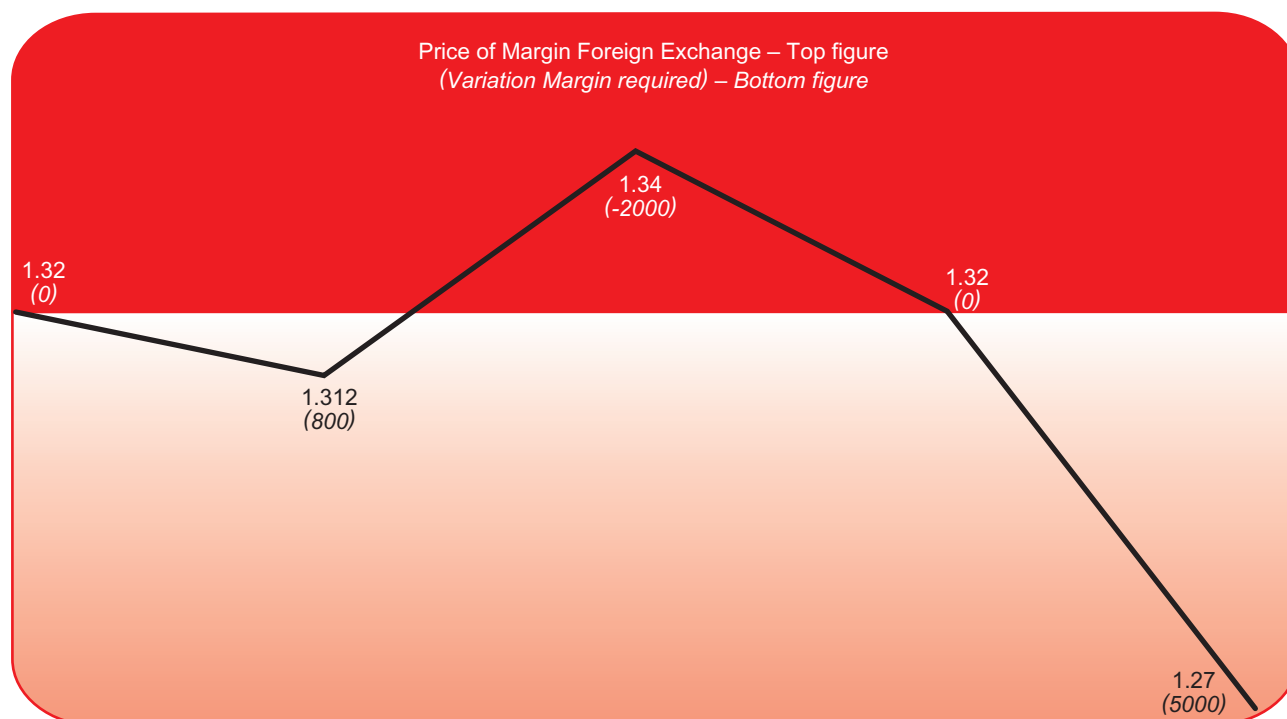
### Close Position

|                            |                       |
|----------------------------|-----------------------|
| Buy Quantity               | \$100,000             |
| Price                      | \$1.27 US             |
| Contract Value             | \$1.27 x<br>\$100,000 |
| Commission                 | .01%                  |
| Gross Profit               | \$5,000 US            |
| Commission (Sold & Bought) | \$20                  |
| <b>Net Profit</b>          | <b>\$4,980</b>        |

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EUR USD chart short/profit



In this example, the investor wants the price to rise and thus the darkened shaded area represents where the investor's capital required (variation margin) to hold the position, will increase or decrease in real time, until the ultimate closing out of the trade. In this example we have assumed no increase or decrease in initial margin requirements.

Alternatively: your expectations prove to be incorrect and your stop loss is triggered.

**Close Position**

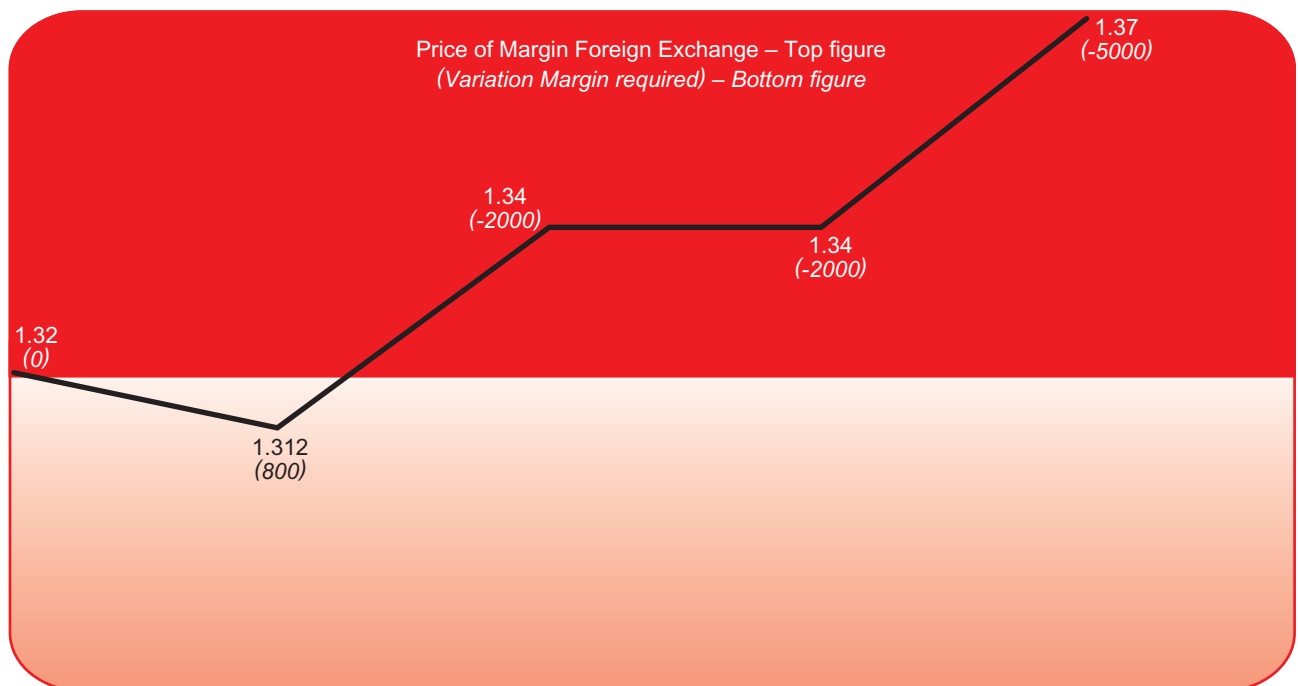
|                            |                       |
|----------------------------|-----------------------|
| Buy Quantity               | \$100,000             |
| Price                      | \$1.37                |
| Contract Value             | \$100,000<br>x \$1.37 |
| Commission                 | 0.01%                 |
| Gross Loss                 | \$5,000               |
| Commission (Sold & Bought) | \$20                  |
| <b>Net Loss (loss)</b>     | <b>\$5,020</b>        |

**WARNING**

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Foreign Exchange

**EUR USD chart short/loss**



In this example, the investor wants the price to rise and thus the darkened shaded area represents where the investor's capital required (variation margin) to hold the position, will increase or decrease in real time, until the ultimate closing out of the trade. In this example we have assumed no increase or decrease in initial margin requirements.

# TRADING EXAMPLES

## Option Examples

### Example 3: Buying a Call Option

You think the Australian Dollar is going to increase because of solid trade figures and anticipate the price to rise by 3.8 cents over the next 4 days.

You decide instead of buying the currency directly to buy a Call Option, as this will limit the loss only to the amount you pay for the Option.

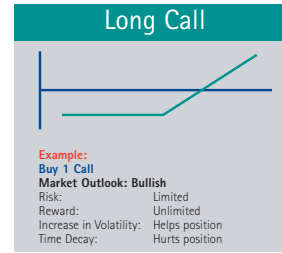
You think the greatest increase (Delta) will be the .73 strike.

#### Open position

|                |                                   |
|----------------|-----------------------------------|
| Buy Quantity   | 1 x .73 Call Option               |
| Buy Date       | Day 1                             |
| Price          | .015                              |
| Contract Value | \$100,000 x .015 US cents         |
| Initial Margin | The cost of the option (\$150 US) |
| Commission     | \$25 US                           |

#### Close Position

|                              |                          |
|------------------------------|--------------------------|
| Sell Quantity                | 1 x .73 Call Option      |
| Sell Date                    | Expiry Day 4             |
| Price                        | .28                      |
| Contact Value                | \$100,000 x .28 US cents |
| Commission                   | \$25 US                  |
| Commission (Bought and Sold) | \$50 US                  |
| <b>Net Profit</b>            | <b>\$2,600 US</b>        |



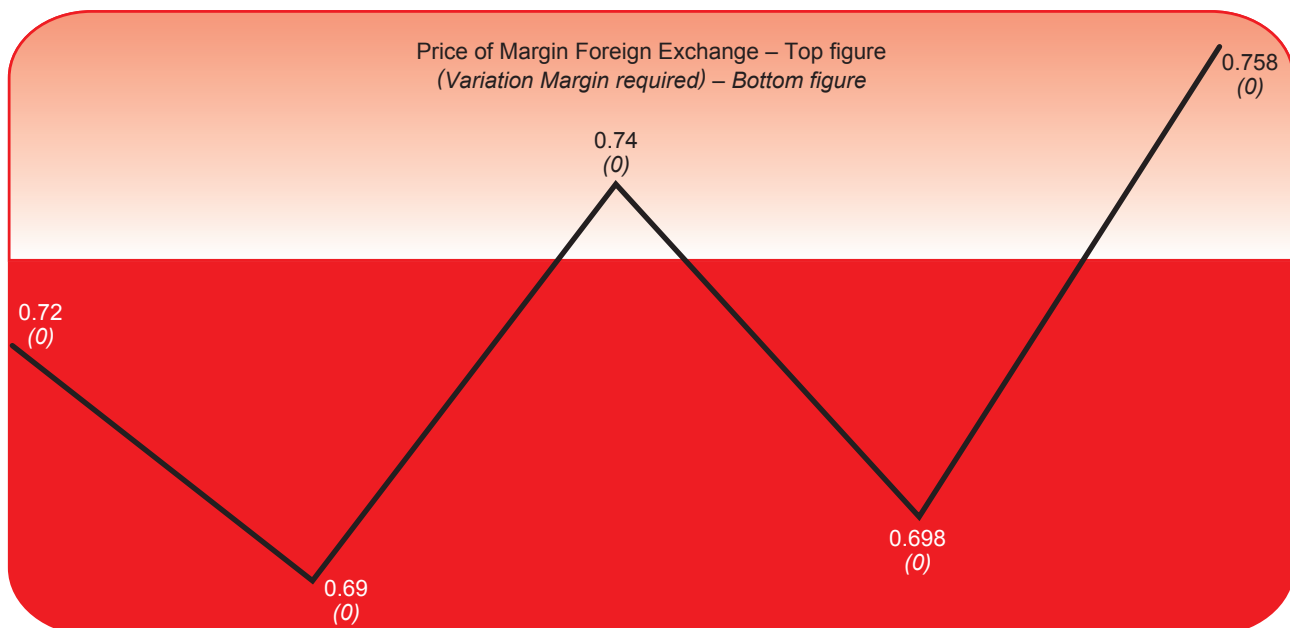
| The Strike prices (Day 1) | Price |
|---------------------------|-------|
| 0.70                      | 0.288 |
| 0.71                      | 0.165 |
| 0.72                      | 0.030 |
| 0.73                      | 0.015 |
| 0.74                      | 0.002 |
| 0.75                      | 0.001 |

#### WARNING

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Foreign Exchange

### AUD USD chart long/profit



In this example, the investor wants the price to rise and thus the darkened shaded area represents where the investor's capital required (variation margin) to hold the position, will increase or decrease in real time, until the ultimate closing out of the trade. In this example we have assumed no increase or decrease in initial margin requirements.

## Option Examples

### Example 4: Selling a Call Option

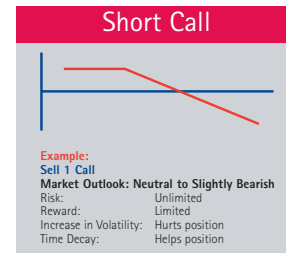
With both Call Options or Put Options you can buy or sell the Option. As we have seen in the previous example Buying the call or Option has a reduced risk as you can only lose what you pay for the Option.

Selling Options as more detailed in section 12.2 of the Foreign Exchange PDS can be inherently more risky as the cost can technically be unlimited and could require greater capital reserves to cover increases in both variation and initial margin.

If you thought the Australian Dollar was not able to increase beyond the price of .73 US cents at the expiry of 4 days you could Sell a .73 US cents Call Option.

#### Open position

|                              |                           |
|------------------------------|---------------------------|
| Sell Quantity                | 1 x .73 Call Option       |
| Sell Date                    | Day 1                     |
| Price                        | .015                      |
| Contract Value               | \$100,000 x .15 US cents  |
| Initial Margin Set           | Can Increase up to \$1000 |
| Commission                   | \$25 US                   |
| <b>Close Position</b>        |                           |
| Buy Quantity                 | 1 x .73 Call Option       |
| Buy Date                     | Expiry Day 4              |
| Price                        | .28                       |
| Contact Value                | \$100,000 x .28 US cents  |
| Commission                   | \$25 US                   |
| Commission (Bought and Sold) | \$50 US                   |
| <b>Net Loss</b>              | <b>\$2,650 US</b>         |

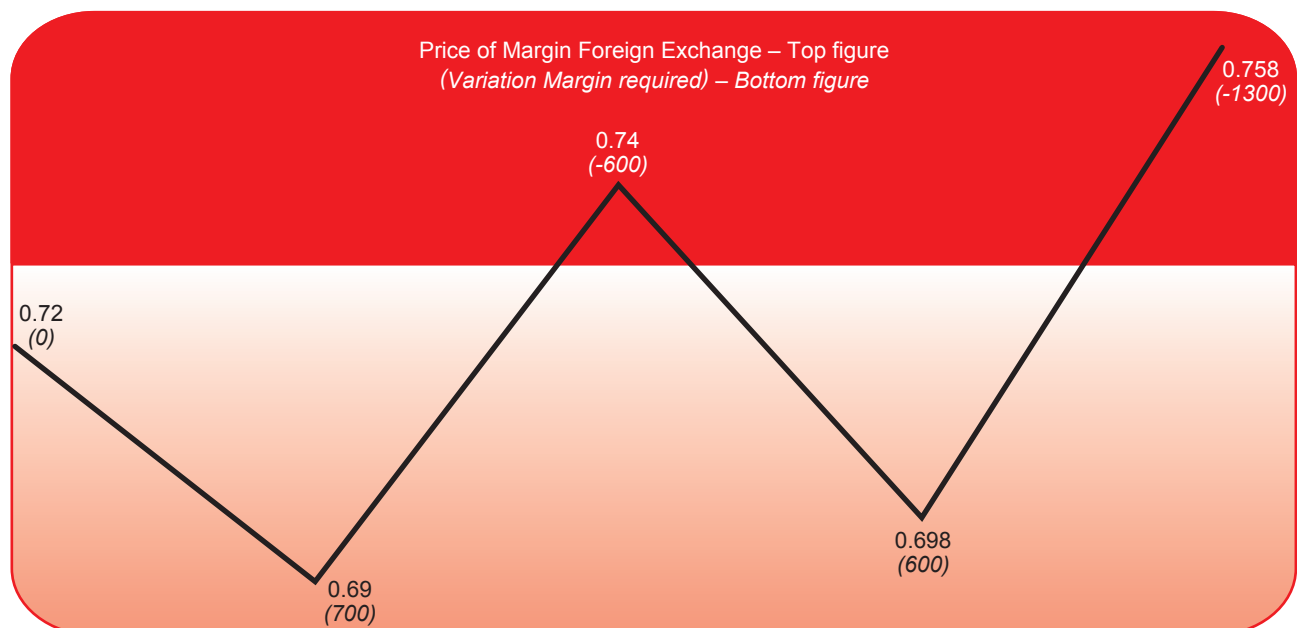


| The Strike prices (Day 1) | Price |
|---------------------------|-------|
| 0.7                       | 0.288 |
| 0.71                      | 0.165 |
| 0.72                      | 0.030 |
| 0.73                      | 0.015 |
| 0.74                      | 0.002 |
| 0.75                      | 0.001 |

#### WARNING

You can potentially lose more money than is in your trading account. As a result of a loss, if your account does not have sufficient funds to cover the loss, you will be required to fund the shortfall immediately. You may face potential financial penalties, legal action or credit agency default.

### AUD USD chart long/loss



In this example, the investor wants the price to rise and thus the darkened shaded area represents where the investor's capital required (variation margin) to hold the position, will increase or decrease in real time, until the ultimate closing out of the trade. In this example we have assumed no increase or decrease in initial margin requirements.

# TRADING EXAMPLES

## An example of Spot Foreign Exchange

You are currently holding the Australian Dollar against the US Dollar Monday morning at .7501

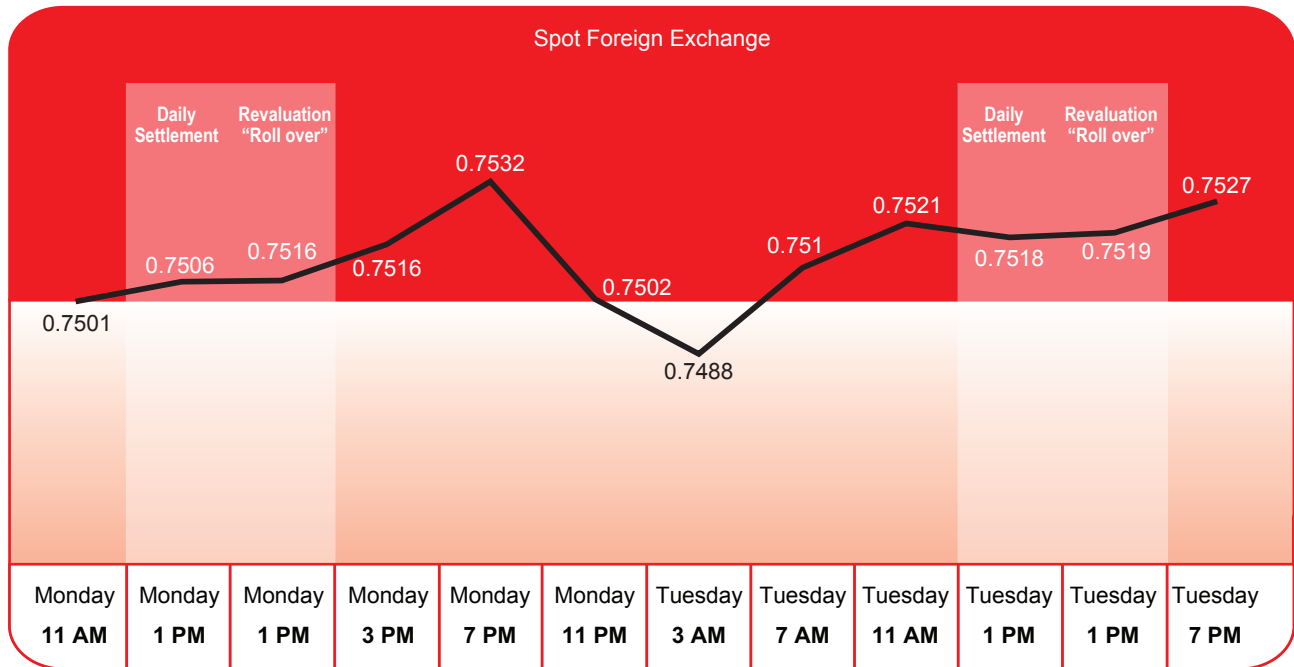
If you hold spot currency over the period where the daily Revaluation occurs your position will automatically Roll to the price incorporating the Interest Rate differential.

Below is a snap shot of trading over 2 days to show how a Revaluation can work.

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### Example



The example above does not incorporate Initial and Variation margin to maintain the position. The Revaluation will add a cost to be determined by Halifax and incorporates the Interest Rate differential. Whether you're Long or Short the position is maintained and continually Rolled until you close the position. The daily Settlement will mean the re-booked price in this example will be the Revaluation.

Foreign Exchange



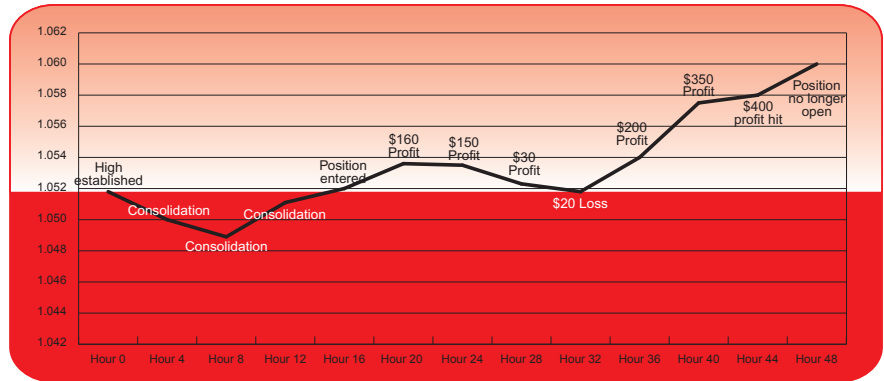
## Example of Strategy – Profit

### Open Position

|                |                 |
|----------------|-----------------|
| Buy Quantity   | \$100,000 US    |
| Price          | 105.20 US cents |
| Contract Value | \$100,000 US x  |
| \$100,000 US x | 105.20 US cents |
| Initial Margin | \$1,000 US      |
| Commission     | 2.5 pips        |

### Close Position

|                            |                     |
|----------------------------|---------------------|
| Sell Quantity              | \$100,000 US        |
| Price                      | 105.80 US cents     |
| Contract Value             | \$100,000 US x      |
| 105.80 US cents            |                     |
| Commission                 | 2.5 pips            |
| Gross Profit               | \$400.00 US         |
| Commission (Bought & Sold) | \$50.00 US          |
| 5 pips                     |                     |
| <b>Net Profit</b>          | <b>\$350.00 USD</b> |



## Example of Strategy – Loss

### Close Position

|                            |                      |
|----------------------------|----------------------|
| Sell Quantity              | \$100,000 US         |
| Price                      | 104.60 US cents      |
| Contract Value             | \$100,000 US x       |
| 104.60 US cents            |                      |
| Commission                 | 2.5 pips             |
| Gross Loss                 | \$600.00 US          |
| Commission (Bought & Sold) | \$50.00 US           |
| 5 pips                     |                      |
| <b>Net Profit (loss)</b>   | <b>(\$650.00) US</b> |

