

# Experts Tool Box v1.04

\*\*\*\*\*

For Period & TimeFrame use  
M1,M5,M15,M30,H1,H4,D1,W1,MN

For MA Settings use  
SMA=0, EMA=1, SMMA=2, LWMA=3

Multiplier is a multiple of the ATR

\*\*\*\*\*

\*\*\*\*\* Pick your Trade period \*\*\*\*\*

TradePeriod = "D1";

Set the Chart Period you want the EA to trade, the chart you place the EA on will not affect this setting.

\*\* Are you going to be a Buyer or Seller \*\*

Buyer = true;

If you want to just place Buy Trades, set this to true. You can also set both Buyer and Seller to true to be both.

Seller = true;

If you want to just place Sell Trades, set this to true. You can also set both Buyer and Seller to true to be both.

AutoBuySell = false;

If you want the EA to determine if you will be a Buyer or Seller, set this to true and "Buyer" and "Seller" to false.  
The EA will determine the Trend by the TMA Trend setting.

\*\*\*\*\* Take the opposite Trade \*\*\*\*\*

TakeOppositeTrade = false;

If you think your selection of settings would work better taking the opposite trade then set this to true and when a "Buy" is signaled the EA will take a "Sell" trade, the same goes for a "Sell" signal, a "Buy" will be taken.

\*\* Auto Restart Robot after trade closes \*\*

AutoRestartRobot = false;

If you want the Robot to take only one trade, leave this at "false", if you want the Robot to take another trade after the first one closes, set this to "true".

\*\*\*\*\*  
 \*\*\*\*\* Pick Your Filters and Settings \*\*\*\*\*  
 \*\*\*\*\*

## ----- TDI Settings -----

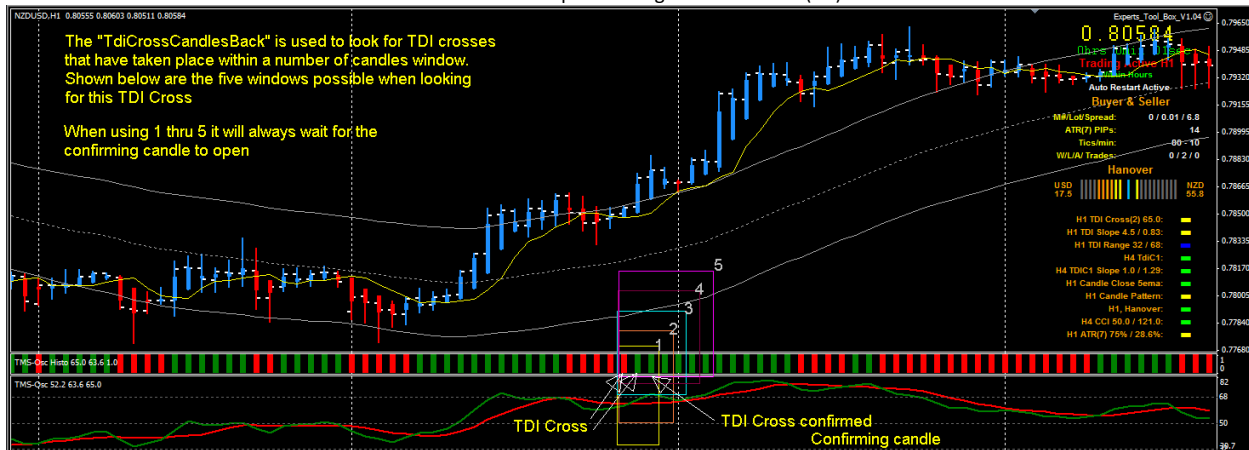
**UseTdiCross = true;**

Set this to "true" if you want to use the TDI Cross on the Default Time Period as entered above in "TradePeriod".

**TdiCrossCandlesBack = 3;**

This number tells the Robot how many candles back to look for a confirmed TDI Cross. The cross must consist of two closed candles, the alert will be given on the open of the third candle, you can use numbers from 1 to 5 for Candle look back. With this setting you can create a wider window of opportunity for the TDI Cross in which it could have taken place up to 5 closed candles in the past. This may be of some use when using lagging indicators such as moving average crosses as the cross may happen after a good initial TDI Cross. If you want to stay in accord with the original TMS idea you would use a setting of "1". Start counting from the present candle(1) back until you get to the confirming candle, this is this number. **Remember:** This setting only affects the TDI and not the other indicators which are using the present values of the present candle, they do not look at past values. If you are using TDI Slope, this value will come from the present candle, not the one in the past.

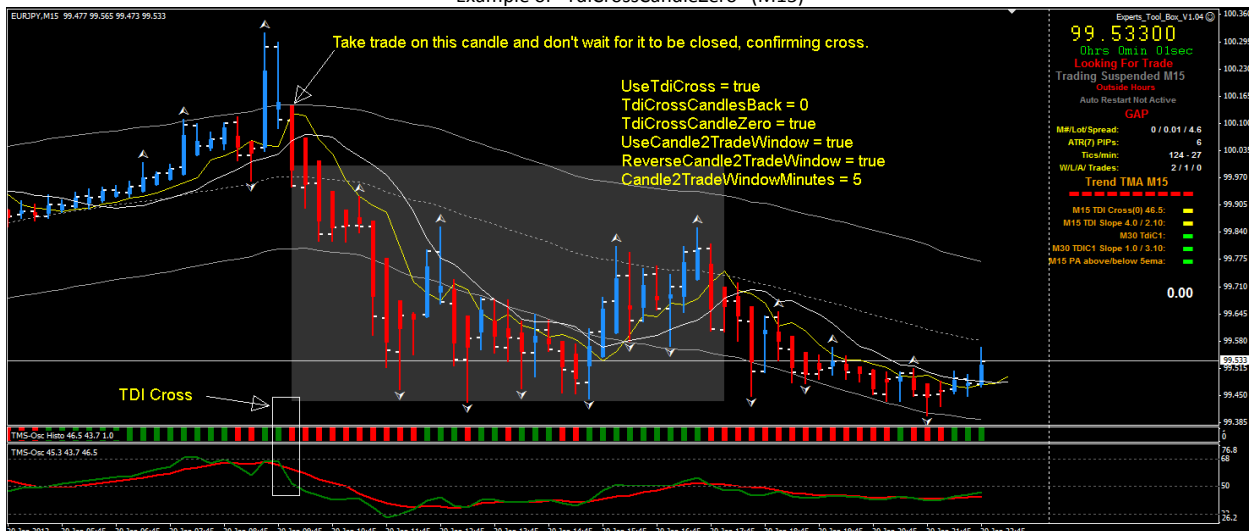
Example showing the 5 Windows (H1)



**TdiCrossCandleZero = false;**

This setting replaces the previous Dynamic TDI setting when set to true. It will trigger as soon as a cross happens, which can cause some flip flopping of this signal. To help with this you can use the "UseCandle2TradeWindow" set to true with the "ReverseCandle2TradeWindow" set to true and "Candle2TradeWindowMinutes" set to a certain amount of delay time. What will now happen is the Robot will wait the set amount of minutes before it looks for a trade, giving the TDI Cross signal time to settle down if needed. So if you were on the M15 you could set this for 5 minutes and the Robot would wait for 5 minutes after the candle opens to look for a trade. The Robot would then be taking the trade 5 minutes right after the cross and would not wait for a closed confirming candle.

Example of "TdiCrossCandleZero" (M15)



**UseTdiSlope = true;**

Set to true to use TDI Slope.

**MinTdiSlope = 4.0;**

A good slope setting is from 4.0 to 4.5.

**UseTDIrange = false;**

Set to true if you don't want to take a trade if the GREEN TDI line is above the "MaxTDIrange" or below the "MinTDIrange". The alert will be Blue when the TDI value is between these two numbers and not Green or Red like the other alerts.

**MinTDIrange = 32.0;**

**MaxTDIrange = 68.0;**

### ----- Trade Window -----

**UseCandle2TradeWindow = false;**

Set to true if you want to use the trade window. In the original TMS method the trader would only check the H4 chart at the beginning of a new candle for a certain amount of time, that's what this setting does for you. To trade at the beginning of a new candle for a certain number of minutes set "UseCandle2TradeWindow" to true and "ReverseCandle2TradeWindow" to false.

**ReverseCandle2TradeWindow = false;**

To not trade at the beginning of a new candle for a certain number of minutes set "UseCandle2TradeWindow" to true and "ReverseCandle2TradeWindow" to true.

**Candle2TradeWindowMinutes = 30.0;**

Set the number of minutes you either want to trade or don't want to trade, depending on the "UseCandle2TradeWindow" and ReverseCandle2TradeWindow" settings at the beginning of a new candle.

### ----- Stochastics -----

**UseStochastics = false;**

Set to true to use.

**UseStochasticsSlope = false;**

Set to true to use.

**StoCandlePeriod = "D1";**

You can set the chart period the stochastics will use to something other than the default one set in the "TradePeriod" setting.

**MinStochSlope = 3.0;**

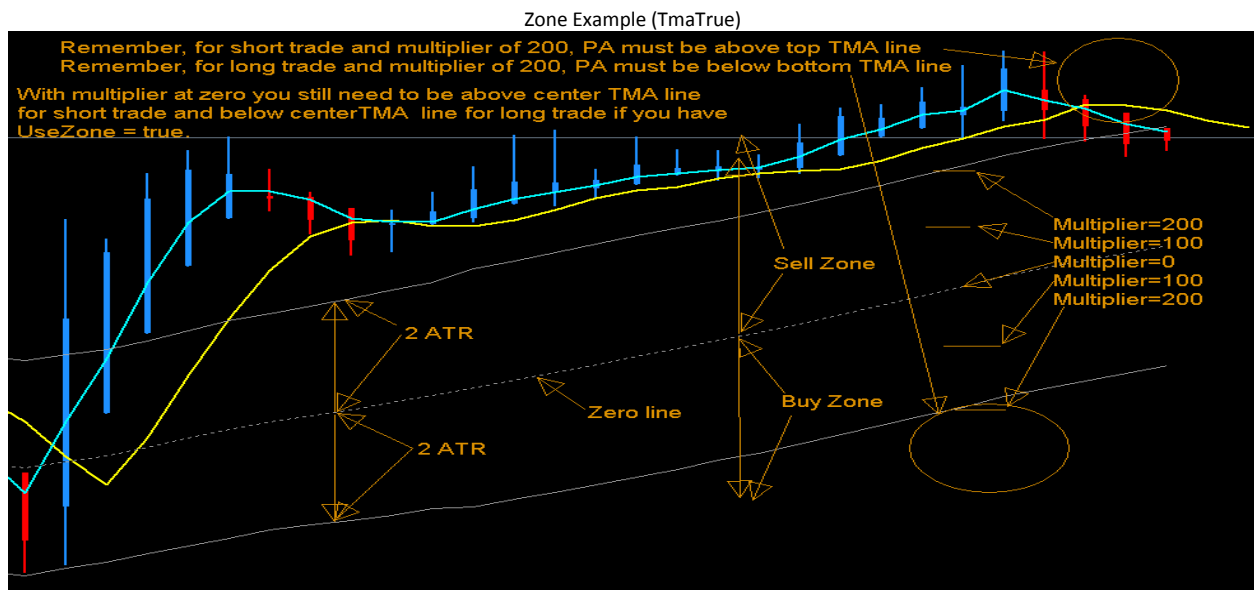
### ----- Zone Settings -----

**UseZone = false;**

Set this to true if you want to use the "TmaTrue" Indicator as a reference for trades. Remember, if you have the "TmaTrue" indicator on your chart, set the "edblAtrMultiplier" to 2.0 in the indicator settings to match what the Robot is using.

**ZoneMultiplier = 0;**

Set this to "0" to use the center line as your Buy/Sell reference, anything above the center line is a Sell and anything below is a Buy. If you set this at 200, the Robot will only Sell when PA is above the Upper Line and only BUY when PA is below the Bottom Line. You can also use numbers in between 0 and 200 or even greater than 200 if you want to, but never use a negative number.



## ----- Candle Patterns -----

**UseCandlePattern = false;**

Set to true to use.

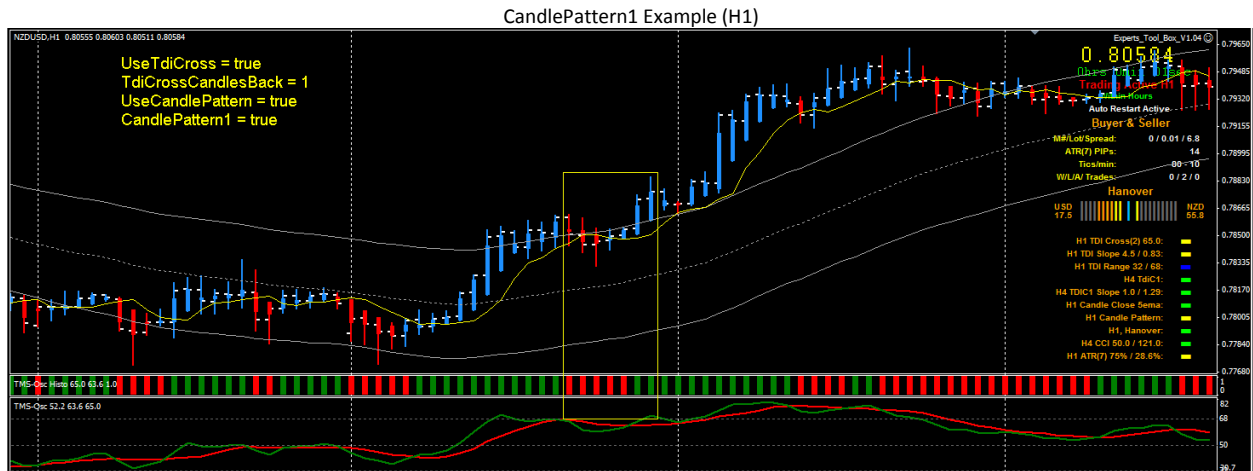
Set to true if you want to use any of the following candle patterns. You can use as many as you would like at the same time, the first one that matches will trigger the trade, they are "OR" Logic.

**CandlePattern1 = false;**

Set to true to use.

Long = Red-Red-Red-Blue-Blue-Blue-Present Candle Showing Blue

Short = Blue-Blue-Blue-Red-Red-Red-Present Candle Showing Red

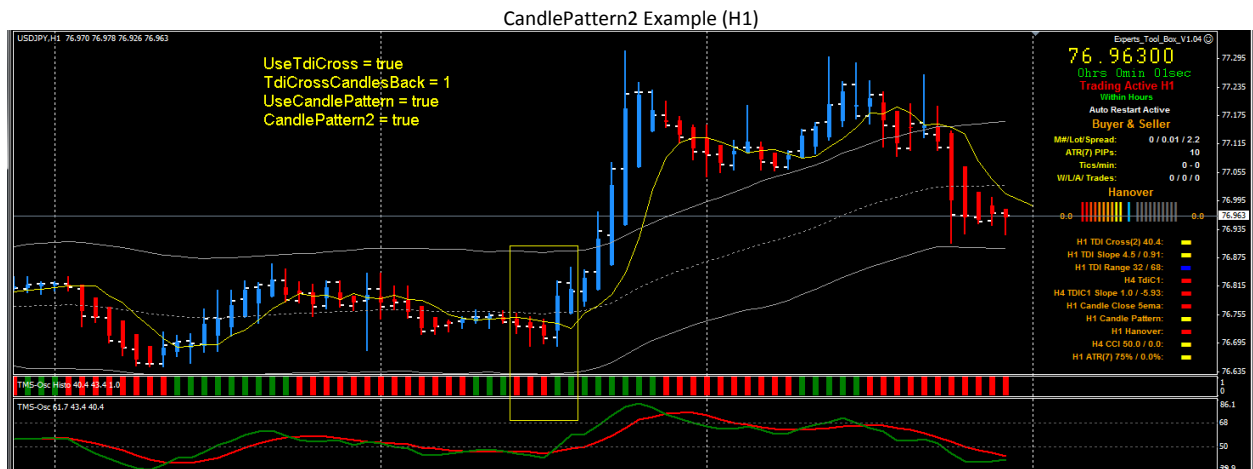


**CandlePattern2 = false;**

Set to true to use.

Long = Red-Red-Red-Blue- Present Candle Showing Blue

Short = Blue-Blue-Blue-Red- Present Candle Showing Red

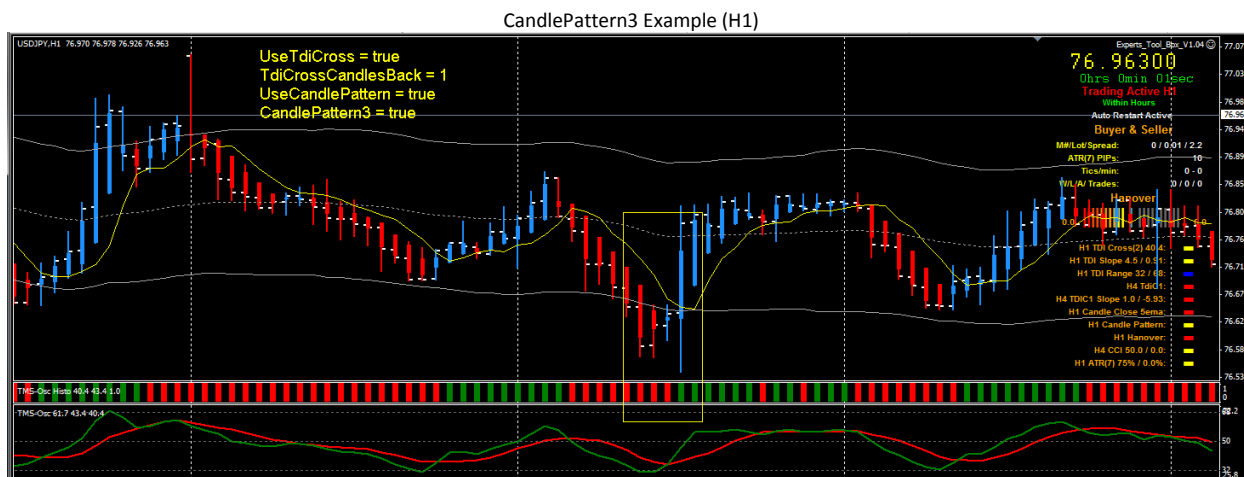


### CandlePattern3 = false;

Set to true to use.

Long = Red-Red-Red-Blue-Blue-Present Candle Showing Blue

Short = Blue-Blue-Blue-Red-Red-Present Candle Showing Red

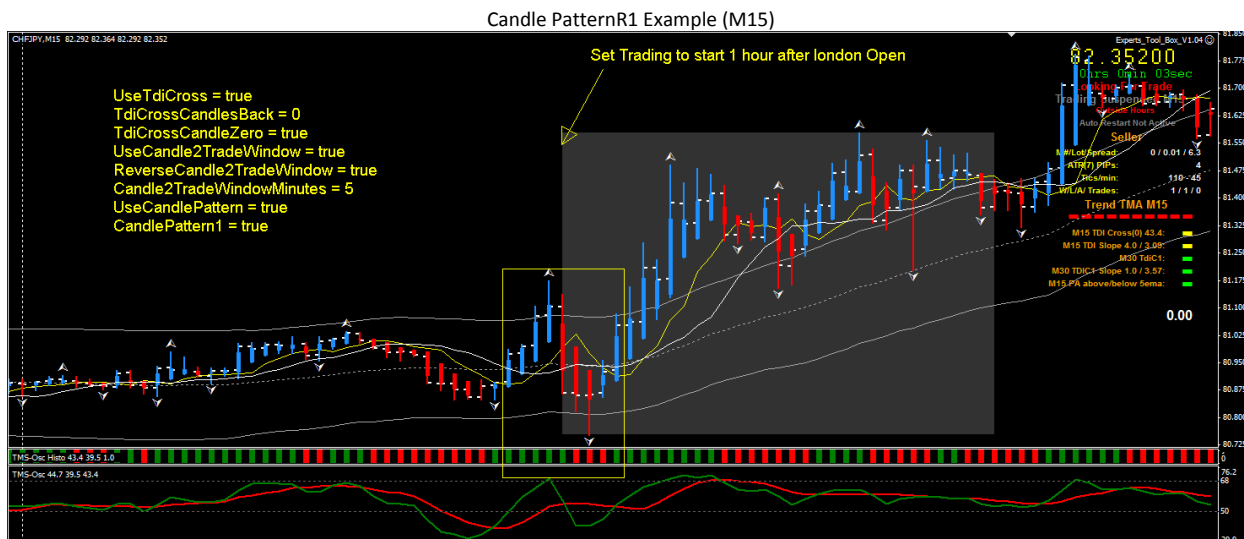


### CandlePatternR1 = false;

Set to true to use.

Long = Blue-Blue-Blue-Blue-Red-Red-Red-Blue-Present Candle Showing Blue

Short = Red-Red-Red-Red-Blue-Blue-Blue-Red-Present Candle Showing Red

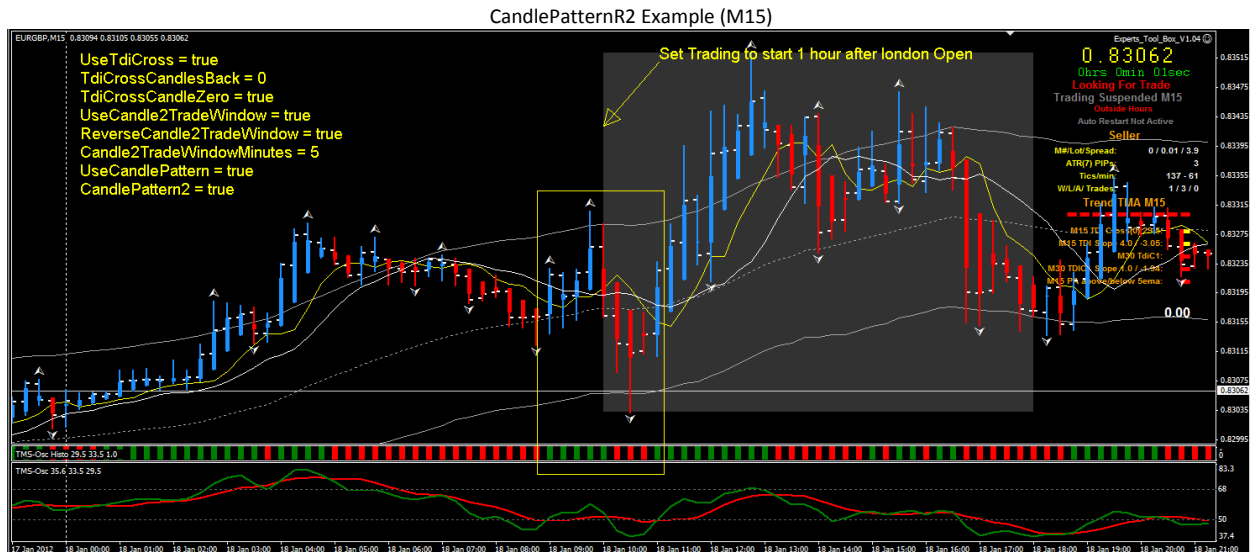


**CandlePatternR2 = false;**

Set to true to use.

Long = Blue-Blue-Blue-Blue-Red-Red-Red-Red-Present Candle Showing Blue

Short = Red-Red-Red-Red-Blue-Blue-Blue-Blue-Present Candle Showing Red

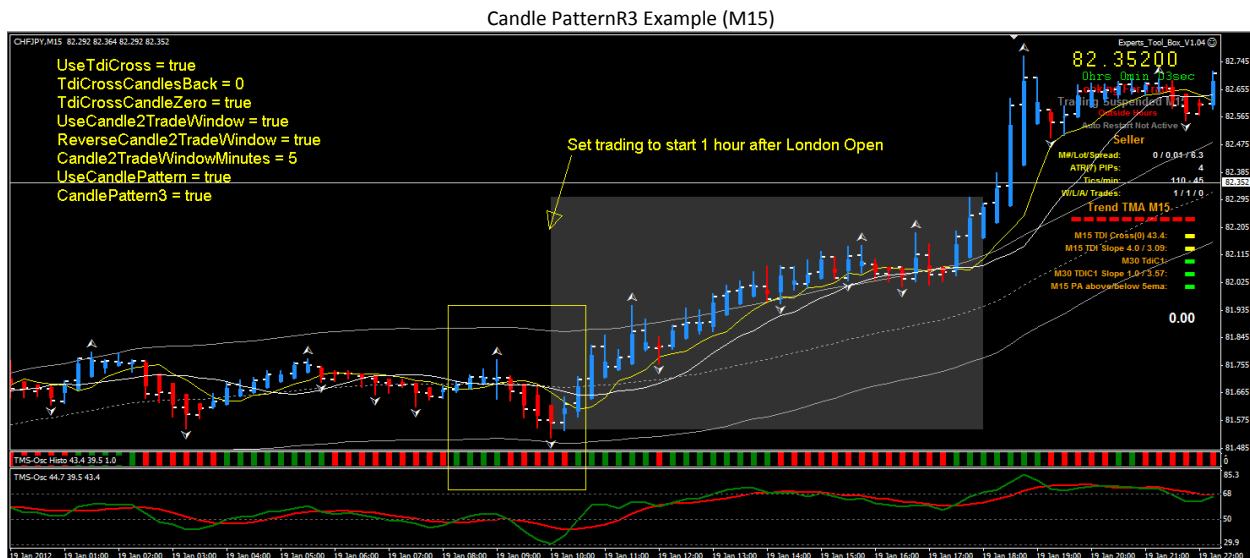


**CandlePatternR3 = false;**

Set to true to use.

Long = Blue-Blue-Blue-Blue-Red-Red-Red-Red-Blue-Present Candle Showing Blue

Short = Red-Red-Red-Red-Blue-Blue-Blue-Blue-Red-Present Candle Showing Red



----- 5 Period Average Range -----

**UseRange = false;**

Set to true to use.

The range is the average range in pips over the last 5 days. You can set the maximum and minimum range you will want before a trade is taken by setting these values below in Alert Settings. The Robot will only trade when the PIP Value is between these two numbers.

**MinRange = 10.0;**

**MaxRange = 60.0;**

----- TIC count / Minute -----

**UseTicCount = false;**

Set to true to use.

Set to true to use the minimum Tics/minute you would want before a trade takes place. So if the average Tics/minute is 50 and you are only seeing 5 this may indicate not much activity and you may not want to take any Trades during this time. The EA should run without resetting for at least one day to get an accurate count of the Tics/minute as displayed in the information panel.

**TicCountMin = 50;**

## ----- 5ema Candle Close -----

**Use5emaCandleClose = true;**

Set to true to use.

If you want to require the signal candle to close above the 5ema shift 2 for a Long or close below the 5ema shift 2 for a Short trade.

**Use5emaPA = false;**

Set to true to use.

If you only want the PA to be Above the 5ema shift 2 for a Long Trade or the PA to be below the 5ema shift 2 for a Short trade. The candle does not have to be closed.

## ----- Trend Line Break -----

**UseTLBuyBreakCandleClose = false;**

Set to true to use the moveable Buy Trend Line as a Trade Alert. The alert will only trigger when the candle closes above the Trend Line.

**UseTLSellBreakCandleClose = false;**

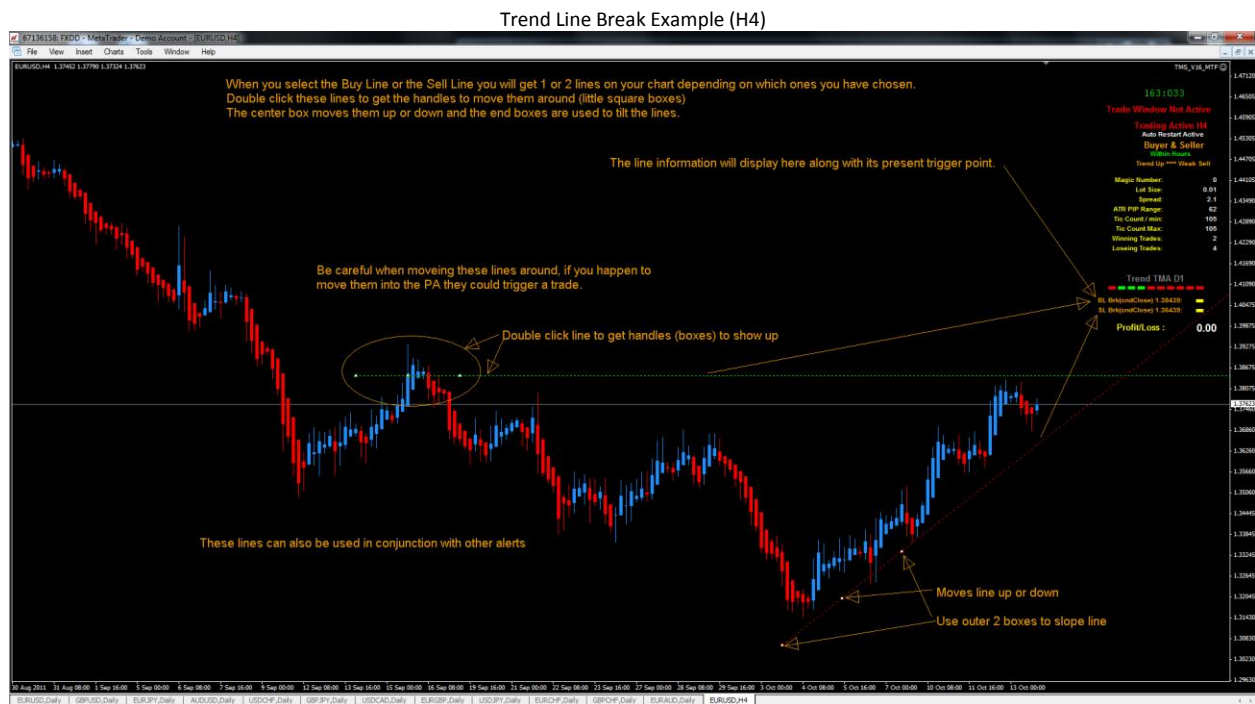
Set to true to use the moveable Sell Trend Line as a Trade Alert. The alert will only trigger when the candle closes below the Trend Line.

**UseTLBuyBreakPA = false;**

Set to true to use the moveable Buy Trend Line as a Trade Alert. The alert will only trigger when the candle PA is above the Trend Line.

**UseTLSellBreakPA = false;**

Set to true to use the moveable Buy Trend Line as a Trade Alert. The alert will only trigger when the candle PA is below the Trend Line.



## ----- News Settings -----

**UseNews = false;**

Set to true if you don't want to trade during News Events. You need the FFCal indicator in your indicators folder for this to work,

**StartNews = 30;**

**EndNews = 15;**

**IncludeHigh = false;**

**IncludeMedium = false;**

**IncludeLow = false;**

## ----- Maximum Trades -----

**UseMaxNoOfLosses = false;**

Set to true to use.

**MaxNoOfLosses = 0;**

Maximum number of Losses before trading is halted only on the chart the EA is placed on.

**UseMaxNoOfWins = false;**

Set to true to use.

**MaxNoOfWins = 0;**

Maximum number of Wins before trading is halted only on the chart the EA is placed on.

**UseMaxNoOfTrades = false;**

Set to true to use.

**MaxNoOfTrades = 0;**

Maximum number of Trades before trading is halted only on the chart the EA is placed on.

**UseMaxNoOfTradesGlobal = false;**

Set to true to use.

**MaxNoOfTradesGlobal = 0;**

Maximum number of Trades before trading is halted, total of all active charts.

#### ----- ADX Settings -----

**UseADX = false;**

Set to true to use.

**ADXCandlePeriod = "D1";**

You can set the chart period the ADX will use to something other than the default one set in the "TradePeriod" setting.

**adxTrigger = 25;**

**adxPeriod = 12;**

#### ----- CCI Settings -----

**UseCCI = false;**

Set to true to use.

**cciCandlePeriod = "H4";**

You can set the chart period the CCI will use to something other than the default one set in the "TradePeriod" setting.

**cciTrigger = 100;**

The level at which a Long or Short Trade will trigger, do not use a negative number as it is figured into the trigger already. If you enter 100 it will look at this as plus and minus 100.

**CCIperiod = 22;**

**CciAppliedPrice=5;**

#### ----- RSI Settings -----

**UseRSI = true;**

Set to true to use.

**RSICandlePeriod = "D1";**

You can set the chart period the RSI will use to something other than the default one set in the "TradePeriod" setting.

**RSITrigger = 50;**

**RSIperiod = 10;**

#### ----- Candle ATR Settings -----

**UseCandleATR = true;**

Set to true to use.

If you want the present candle to be a certain percentage of the ATR before a trade is allowed use this

**CandleATRpercent = 75;**

This is a percentage, whole numbers only.

**ATRperiod = 7;**

#### ----- 5LWMA Cross -----

**Use5LWmaCross = false;**

Set to true to use the the 5LWMA crossing the 5ema shift 2 as an entrance filter.

#### ----- Ma Candle Close -----

**UseMaCandleClose = false;**

Set to true to use the candle close above/below the MaCross settings as a filter. If set to true be sure to set "UseMaPA" to false.

**MaCandlePeriod = "M15";**

You can set the chart period the MaCandleClose will use to something other than the default one set in the "TradePeriod" setting.

**UseMaPA = false;**

Set to true to use the PA above/below the MaCross settings as a filter. If set to true be sure to set "UseMACandleClose" to false.

**MaCandleMaPeriod = 10;**

**MaCandleType = 0;**

**MaCandleShift = 2;**

#### ----- 2 Ma Cross -----

**Use2maCross = false;**

Set to true if you want to use the crossing of 2 MAs to trigger a Buy or Sell Signal.

**MaCandleCrossPeriod = "H4";**

You can set the chart period the 2maCross will use to something other than the default one set in the "TradePeriod" setting.

**MaShortPeriod = 5;**

**MaShortType = 1;**

**MaShortShift = 0;**

**MaLongPeriod = 10;**

MaLongType = 1;  
MaLongShift = 0;

### ----- No Trade On GAP -----

UseNoTradeOnGAP = true;

Set to true so the Robot will take no trade if there is a GAP between the previous candle close and the present candle open, this may help you avoid those GAPs that happen when the markets reopen. Sometimes there is a small GAP depending on your Tic update, so you may not want to set this to zero to avoid this small GAP during normal trade times.

NoTradeOnGAPmultiplier = 2.0;

This is the ATR Multiplier used to set the Maximum GAP size, this uses the same ATR as set previously under Candle ATR Settings.

### ----- Fractal Settings -----

FractalCandlePeriod = "D1";

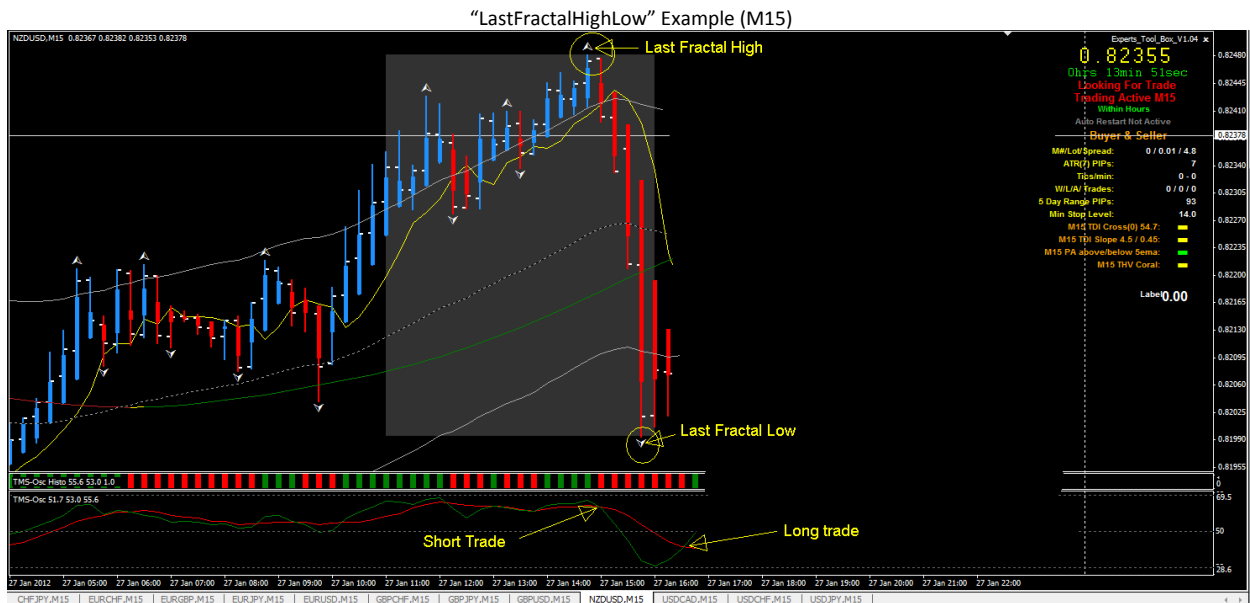
You can set the chart period the Fractals will use to something other than the default one set in the "TradePeriod" setting.

UseLastFracHighLow = false;

Set to true to use the Last Fractal High above the TMA Upper Band for a Sell Signal or the Last Fractal Low below the Lower TMA Band for a Buy Signal.

UseBrkLastFractal = false;

Set to true to use the Breaking above the Last Fractal High as a Buy Signal or Breaking below the last Fractal Low as a Sell Signal.



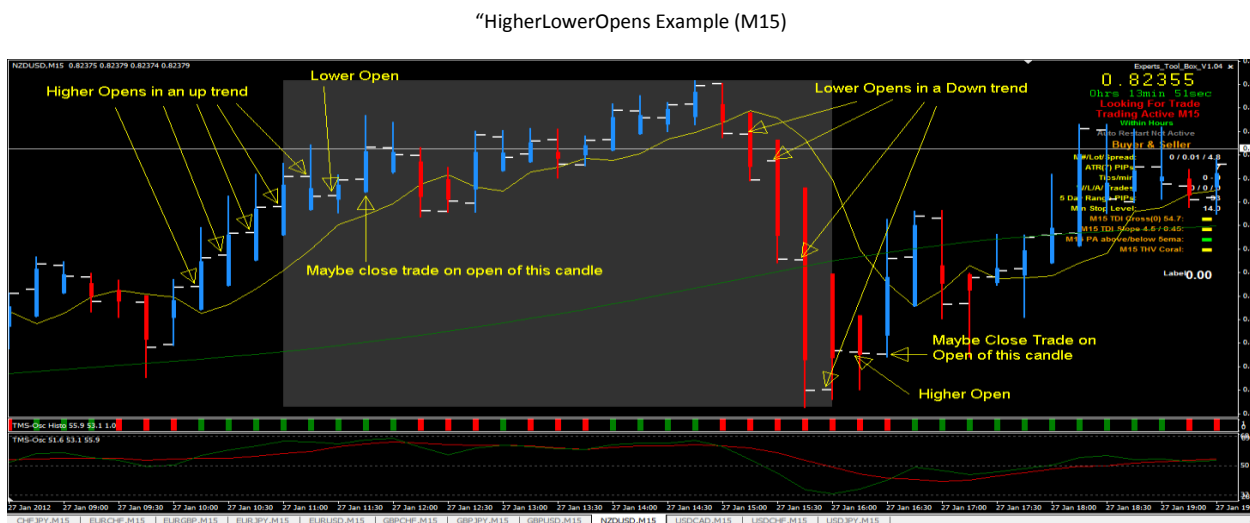
### ----- Higher/Lower Opens -----

UseHigherLowerOpens = false;

Set to true to use the Opens of the candles as a Signal, higher Opens signal a Buy and lower Opens signal a Sell. You can set the number of Higher or Lower candles in the sequence below.

HigherLowerCandles = 2;

The number of candles you want in this series of Higher or Lower Opens.



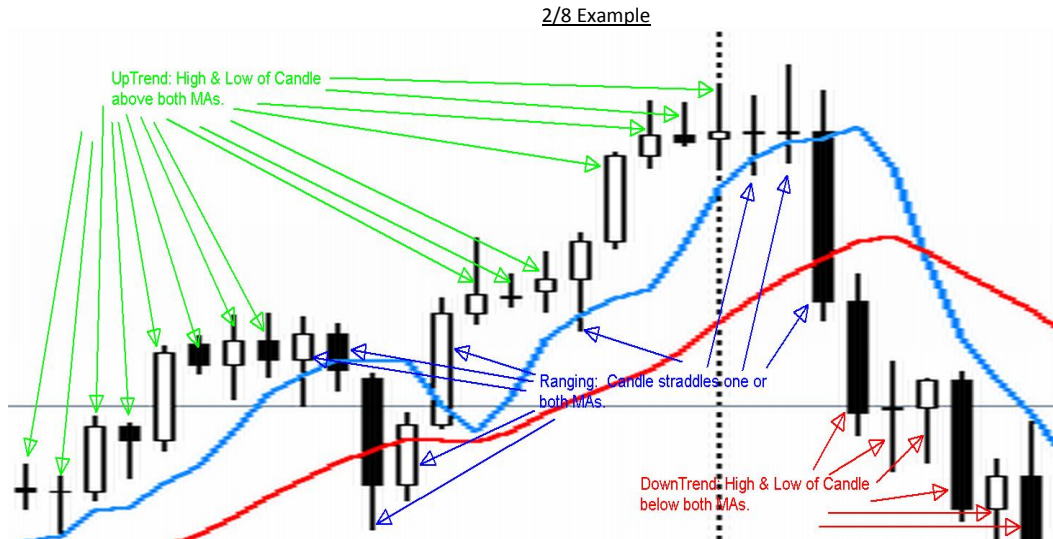
## ----- TMA Settings -----

**UseTMArend = false;**

If set to true the TMA will be used as the trend indicator in the Time Period selected in "TrendPeriod". If set to false the 2/8 will be used as the trend indicator. When "AutoBuySell" is set to true this setting will be used to determine if you will be a Buyer or Seller. The TMA looks back 5 candles and compares it to the present candle to determine the trend. The 2/8 does not go back 5 candles for comparison but just the previous candle, it uses the relationship of the MAs in the "TrendCandleperiod" to determine the Trend. The Trend Alarm looks at the present day and the previous 9 candles when using the 2/8. Each bar of the Trend Indicator represents one of these candles starting from the right and moving to the left. The 2/8 Trend indicator was designed to be used in the D1 Time Period.

**TrendCandlePeriod = "H1";**

You can set the chart period the Trend will use to something other than the default one set in the "TradePeriod" setting.



## ----- THV System Settings -----

To see how to use the THV Settings please visit the THV Forum.

**UseCoralTrend = false;**

**CoralTrendDaysBack = 5;**

Compares this candle to the present candle to determine the trend

**CoralCandlePeriod = "H4";**

**UseCloud = false;**

**CloudCandlePeriod = "H4";**

**UseFastTrix = false;**

Signals Green or Red showing the direction of the Fast trix

**FastTrixCandlePeriod = "H4";**

**UseSlowTrix = false;**

Signals Green or Red showing the direction of the Slow Trix

**SlowTrixCandlePeriod = "H4";**

**UseTrixCross = false;**

Signals Green or Red if the Fast Trix is Above or Below the Red Trix

**TrixCrossCandlePeriod = "H4";**

## ----- Hanover Settings -----

**UseHanover = true;**

Set to true to use the Hanover Strength Feature, the Recent Strength indicator must be installed on a Blank Chart for this to work.

**TimeFrames="D1";**

You can set the chart period Hanover will use to something other than the default one set in the "TradePeriod" setting.

**SlopeConfirmationCandles=0;**

How many candle back do you want to compare the present candle to for slope confirmation

**StrongThreshold=0;**

Value 0 to 100

**WeakThreshold=0;**

Value 0 to 100

**OutputFile = "Output---Recent Strength.CSV";**

Don't change this

**NumPoints=25**

\*\*\*\*\*  
 \*\*\*\*\* **Confirming Trade Filters** \*\*\*\*\*  
 \*\*\*\*\*

### ----- TDI Settings -----

UseTDIC1 = false;

Set to true to use this as a confirming trade indicator. Settings rules are the same as the main TDI settings accept you can select a different chart period

TdiC1CandlePeriod = "M15";

You can set the chart period the confirming TDI will use to something other than the default one set in the "TradePeriod" setting.

ConfirmCrossC1 = false;

UseTdiC1Slope = false;

TdiC1MinSlope = 2.0;

UseTdiC1range = false;

MinTdiC1range = 32.0;

MaxTdiC1range = 68.0;

\*\*\*\*\*  
 \*\*\*\*\* **Trading hours** \*\*\*\*\*  
 \*\*\*\*\* Use 24 hour, local computer time clock \*\*\*\*\*  
 \*\*\*\*\*

### ----- Morning Hours 0-12 -----

start\_hourm = 0;

end\_hourm = 12;

### ----- Evening Hours 12-24 -----

start\_houre = 12;

end\_houre = 24;

\*\*\*\*\*

### Trade Settings

Multiplier is a multiple of the ATR

TP & SL settings over ride all other

TP & SL settings

Set Lot=0 to use RiskPercent

\*\*\*\*\*

MagicNumber=0;

TradeComment="";

CriminalIsECN=true;

Lot=0.01;

RiskPercent=1;

slippage=6;

TakeProfit=0;

TPmultiplier = 4.0;

StopLoss=0;

StopLoss5ma=0;

SLmultiplier = 2.0;

UseLLHHlast2candlesSL=false;

UseLastFractalSL = false;

FracOffset = 5;

ProfitToCloseTrade = 10.00;

LossToCloseTrade = 10.00;

\*\*\*\*\*  
 \*\*\*\*\* Trade Management Settings \*\*\*\*\*  
 \*\*\*\*\*

\*\*\*\*\* Trade Closure Settings \*\*\*\*\*

CloseTimeDelayMinutes = 0.1;

This is a delay in minutes you can set so no Trade Closures will activate before this time delay expires.

TradeClosureAfterProfit = true;

If set to true, Trade Closure Settings will only be activated after the Pair goes into profit.

UseStaticTdiCloseONcross = false;

If set to true a TDI Cross the opposite of the present trade will close the trade, the Static Close waits for the cross to be confirmed with the candle closing.

UseDynamicTdiCloseONcross = false;

If set to true a TDI Cross the opposite of the present trade will close the trade, the Dynamic Close does not wait for the cross to be confirmed with the candle closing.

UseTdiCloseONflat = false;

UseTdiCloseONneg = false;

Use5emaCandleClosed = false;

Use5emaPAC = false;

UseCandleColorChangeClose = false;

CandleColorChangeClosePeriod = "M15";

You can set the chart period the CandleColorChange will use to something other than the default one set in the "TradePeriod" setting.

Both candles must be closed for this to trigger, in other words a closed RED candle followed by a Closed Blue candle will close a Short Trade, the opposite for a Long Trade.

Use5LWMAcross = false;

UseMaCandleClosedToClose = false;

UseMaPAToClose = false;

UseCCIlevelClose = false;

CCIlevelCloseTrigger = 100;

UseProfitAmount = false;

UseLossAmount = false;

UseOpenCloseChange = false;

--- Candle Stick Trailing Stop Settings ---

UseCandleStickTrailingStop=false;

CandleStickTrailingStopBarsBack = 1;

CandleStickTSpipOffset = 5;

CandleStickBEpipOffset = 0;

UseFuturesCSTSL=false;

FuturesTSOffset=0.25;

FuturesBEOffset=0.25;

----- Break even settings -----

UseBreakEven=false;

BreakEvenPips=20;

BreakEvenProfit=5;

HideBreakEvenStop=true;

PipsAwayFromVisualBE=5;

----- Jumping stop loss settings -----

UseJumpingStop=false;

JumpingStopPips=40;

AddBEP=true;

JumpAfterBreakevenOnly=true;

HideJumpingStop=true;

PipsAwayFromVisualJS=10;

----- Trailing stop loss settings -----

UseTrailingStop=false;

TrailingStopPips=50;

```
HideTrailingStop=false;
PipsAwayFromVisualTS=10;
TrailAfterBreakevenOnly=false;
StopTrailAtPipsProfit=false;
StopTrailPips=0;
```

----- Hidden stop loss settings -----

```
HideStopLossEnabled=false;
HiddenStopLossPips=100;
```

----- Hidden take profit settings -----

```
HideTakeProfitEnabled=false;
HiddenTakeProfitPips=20;
```

```
*****
***** Misc Settings *****
*****
```

----- Moves data Display Down -----

```
DataDisplayOffSet = 0;
```

----- Send Data to Dash Board -----

```
DashBoard = true;
```

If you use the Dash Board, set this to true, otherwise set to false

----- email must be set up in MT4 -----

```
SendEmail = false;
AlarmSoundOn = true;
```

----- Screen Capture Settings -----

```
AlarmScrnCapOn = true;
```

If set to true a screen capture of the trade when it is taken will be copied to the files folder. This way you can look and see what the Robot was seeing at the time of the trade. Many times when looking back at trades you wonder why a trade was taken, this will help as charts and indicators have a habit of redrawing so they do not always look the same after the fact as when the trade was placed, this will help with the discrepancy.

```
ScreenH = 1680;
ScreenV = 1050;
```

----- Object Color Settings -----

```
CandleTime = Lime;
Header = Yellow;
Header2 = Orange;
Values = White;
```

----- Show inactive alerts also -----

```
ShowAllAlerts = false;
```

## TDI

(Traders Dynamic Index)

In the Trading Made Simple method only the Green Line (RSI\_Price\_Line) and the Red Line (Trade\_Signal\_Line) are used to signal a trade when the green crosses up through the red for a long signal and when the green crosses down through the red for a short signal. We have also incorporated as a trade signal the slope of the green line at the time of the cross, the steeper the slope (Up or Down) the stronger the signal. The zoom factor of the chart does not affect this slope reading because of the way it is calculated. Below is shown a reference to the entire TDI indicator and how it is used, but as I said, in the TMS method we only use the green and red lines, the other information is for reference.

In this latest version I have also included options where you can use some of these other TDI alerts if you so choose.

**Traders Dynamic Index MetaTrader indicator** — a comprehensive but helpful indicator that uses RSI and moving averages along with some on-the-fly volatility calculations to offer the trader a full picture of the current Forex market situation. This indicator can use sound alerts.

Input parameters:

- **RSI\_Period** (default = 13) — period in bars for calculation of RSI.
- **RSI\_Price** (default = MODE\_CLOSE) — price type to use in RSI calculation.

- **Volatility\_Band** (default = 34) – parameter for volatility band calculation. Can be between 20 and 40. The lower this value is the curvier becomes the band.
- **RSI\_Price\_Line** (default = 2) – period of the first moving average (fast).
- **RSI\_Price\_Type** (default = MODE\_SMA) – type of the first moving average.
- **Trade\_Signal\_Line** (default = 7) – period of the second moving average (slow).
- **Trade\_Signal\_Type** (default = MODE\_SMA) – type of the second moving average.
- **UseAlerts** (default = false) – if true then sound alert will be played each time red and yellow lines cross.



At a first glance this indicator isn't easy to use, but you'll get used to it. For scalping enter long when green line is above red line and short when red line is above green line. For short-term trading enter long when green is above both red and yellow; short when red is above both green and yellow. For medium-term trading enter long in the same conditions as in the short-term but only when all lines are below 50, for short – the same but above 50. Mind the blue volatility band as it points to the long-term market strength and volatility when wide. Steep green line changes also signal short-term market volatility.

#### reversals

```

if(MaBuf>=68)SignalTDIR=8; //Caution "Yellow"
if(MaBuf<=32)SignalTDIR=9; //Caution "Yellow"
ranging (This one is not available in TMS version 16)
if(UpZone-DnZone<20)SignalTDIC=7; //Consolidation "Silver"

```

#### trend

```

if(MbBuf>MdZone)SignalTDIT=10; //Trend Up "Lime"
if(MbBuf<MdZone)SignalTDIT=11; //Trend Down "Red"
if((MbBuf<MdZone)&&(MaBuf>MdZone))SignalTDIT=12; //Trend Medium Down "Orange"
if((MbBuf>MdZone)&&(MaBuf<MdZone))SignalTDIT=13; //Trend Medium Up "Green"

```

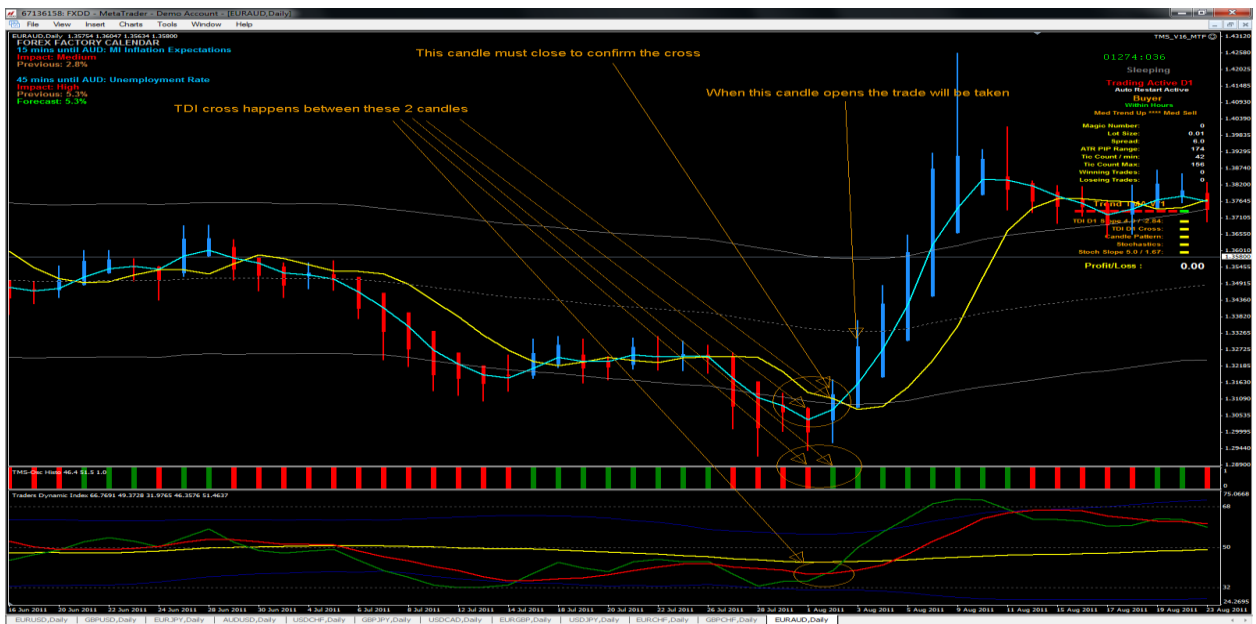
#### signals

```

if((MaBuf>MbBuf)&&(MbBuf<MdZone)&&(MaBuf<MdZone)&&(MaBuf>32)&&(MaBuf<68)) SignalTDI=6; //Weak Buy "SeaGreen"
if((MaBuf<MbBuf)&&(MbBuf>MdZone)&&(MaBuf>MdZone)&&(MaBuf>32)&&(MaBuf<68)) SignalTDI=5; //Weak Sell "Orange"
if((MaBuf>MbBuf)&&(MaBuf>MdZone)&&(MbBuf<MdZone)&&(MaBuf>32)&&(MaBuf<68)) SignalTDI=4; //Medium Buy "Green"
if((MaBuf<MbBuf)&&(MaBuf<MdZone)&&(MbBuf>MdZone)&&(MaBuf>32)&&(MaBuf<68)) SignalTDI=3; //Medium Sell "Tomato"
if((MaBuf>MbBuf)&&(MbBuf>MdZone)&&(MaBuf>32)&&(MaBuf<68)) SignalTDI=1; //Strong Buy "Lime"
if((MaBuf<MbBuf)&&(MbBuf<MdZone)&&(MaBuf>32)&&(MaBuf<68)) SignalTDI=2; //Strong Sell "Red"

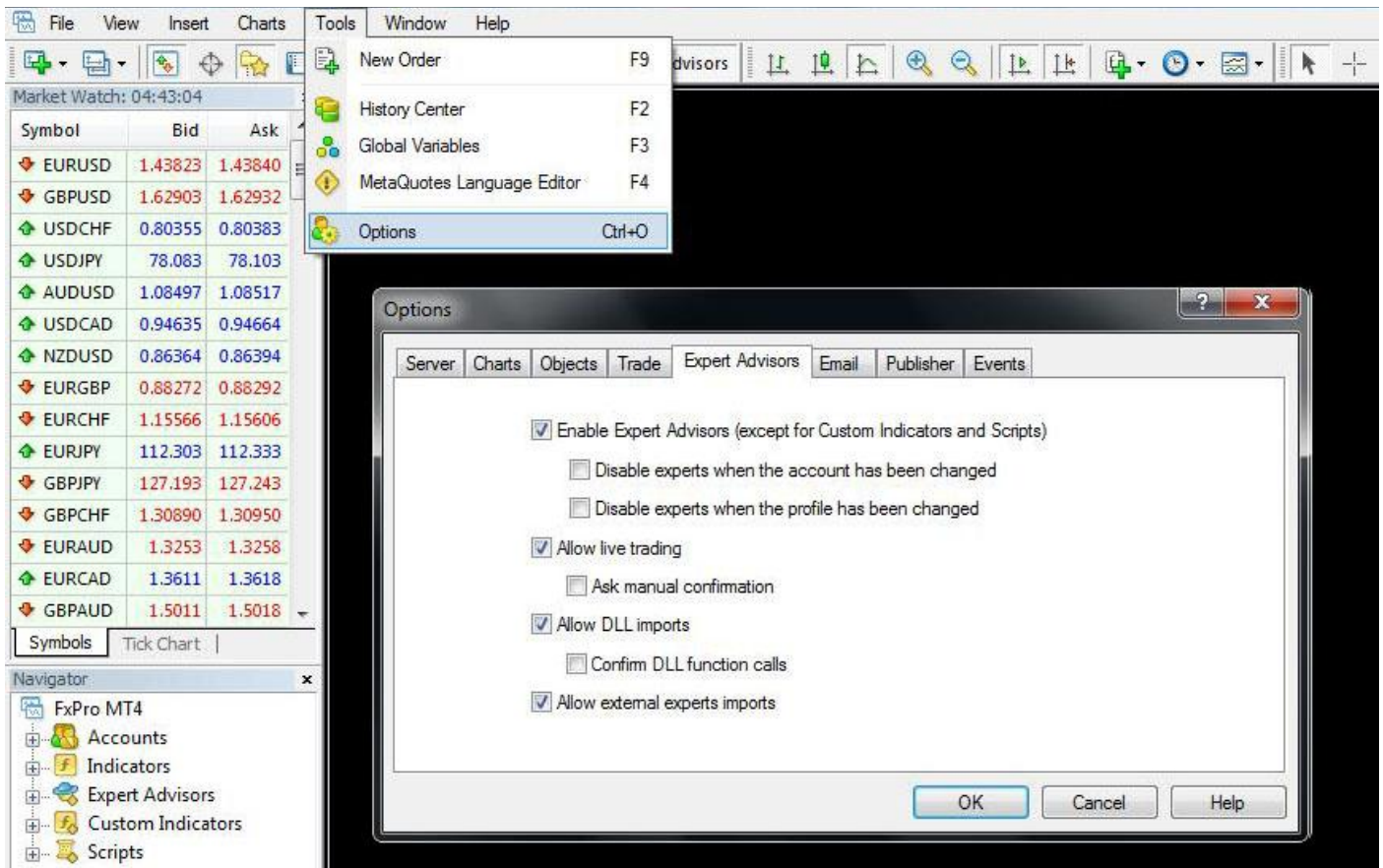
```

The following graphics shows how a Long Trade would be taken if only the TDI cross was used. Of course in this system we use other indicators that will determine if a trade is to be taken, so they must also be met when the second blue candle opens. If you use the "Candle2TradeWindow" you can set, in minutes, how long that trade look on the second blue candle will be. Also by using different candle patterns we can narrow now this selection even further to prevent fake TDI crosses that would signal a trade.



## EA Installation

Your MT 4 Tools, Options should be set as shown.



Copy or drag the Experts Tool Box EA into your C:\Program Files \ xxx MetraTrader\experts folder

You should see the file name Experts\_Tool\_Box\_V1.04 appear in that folder. (Disregard the TMS\_V9 in the screen shot below)

Open a new chart



Make sure the Experts Advisors (at the top) has a green circle not red.

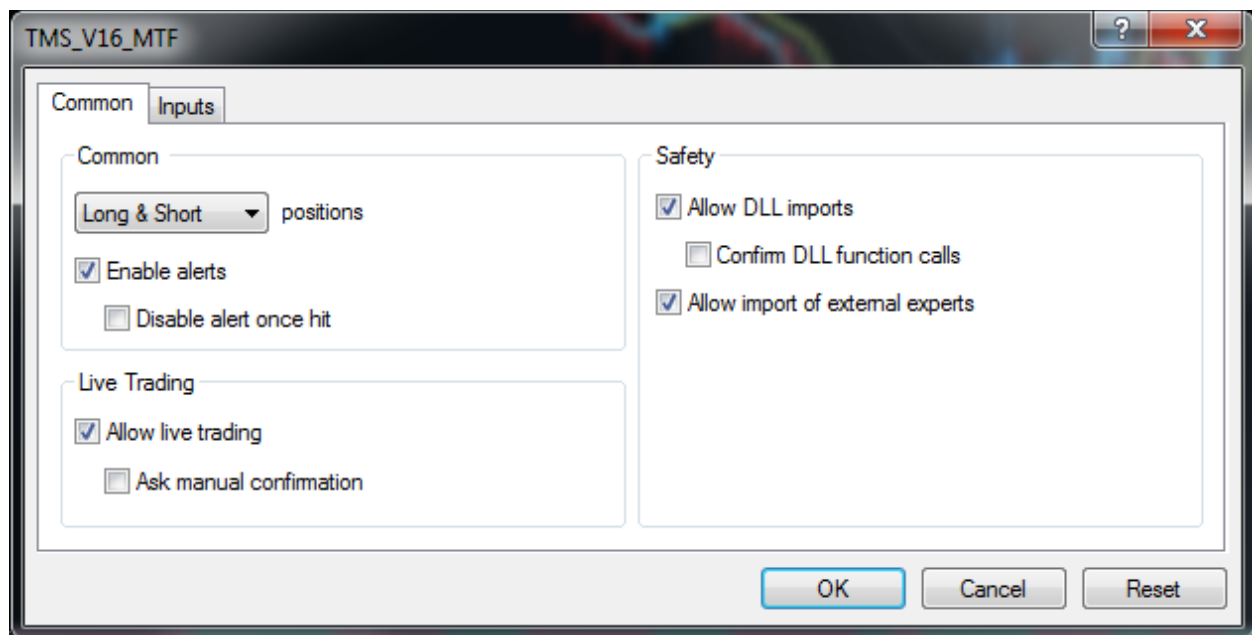
Next open the Navigator\Expert Advisors as shown on the bottom left of the chart.

Click on the Experts\_Tool\_Box\_V1.04 EA until it is highlighted as shown.

Then drag (you should see a rectangle at one corner of the arrow) and drop onto the chart,

After the EA is loaded on to the first chart make sure you have the same settings as shown:

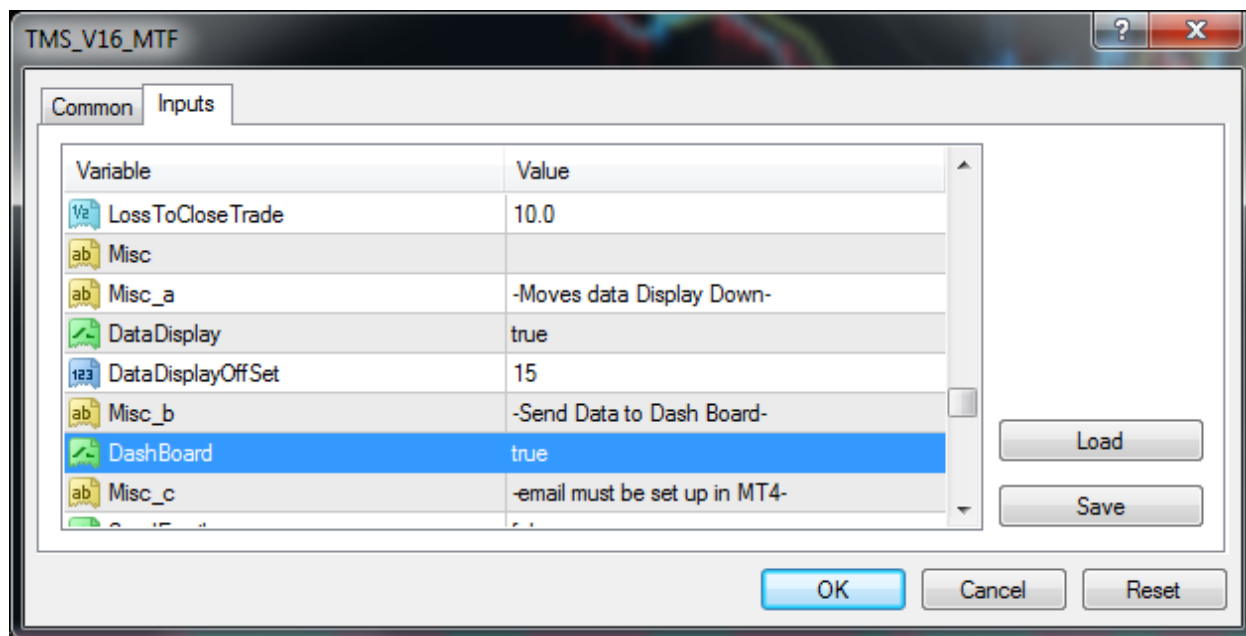
To use the News Indicator the "Allow DLL Imports" must be checked, do not check the "Confirm DLL Function Calls".



## Dash Board Installation

You only need to do the following if you are going to use the Dash Board, if not set "DashBoard" to false.

Click on the EA 'Input' tab, scroll down and set the 'DashBoard' to TRUE. If this is the first time you are using the Dash Board you may have some problems, especially with Windows 7. If you get DLL errors you will need to register the problem DLL. If that doesn't work, un-register it first then re-register it. Do a Google search on how to register DLLs if you don't know how.



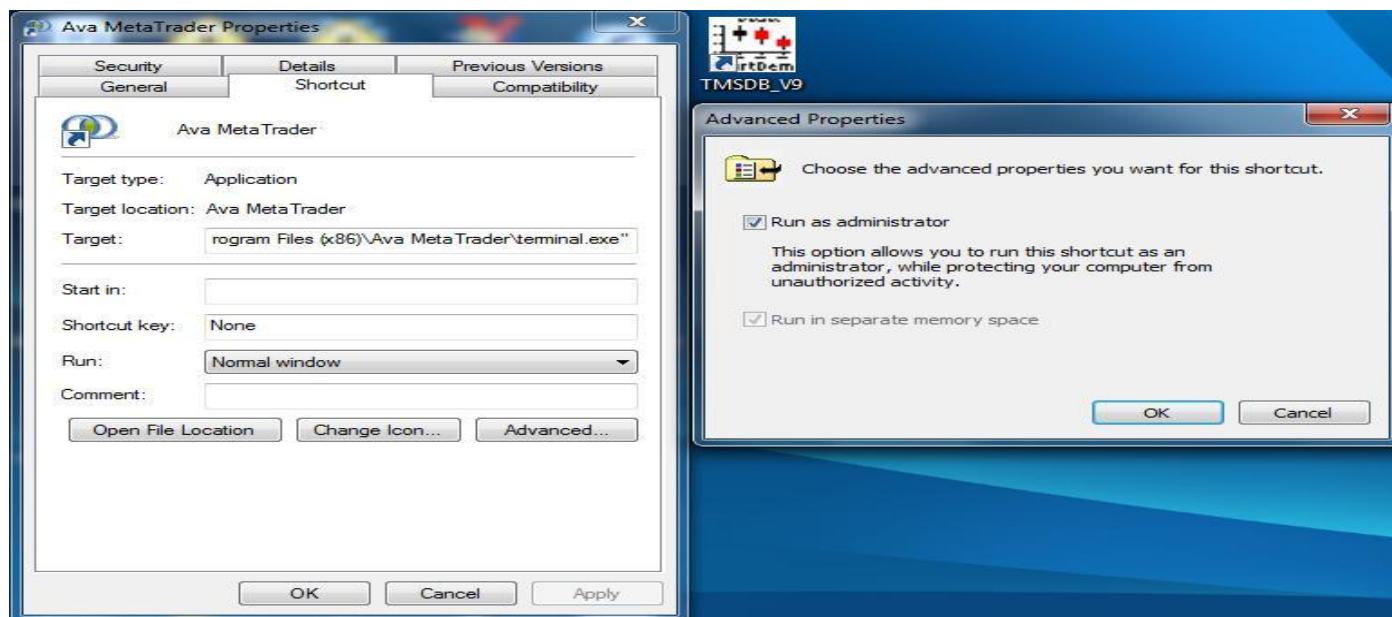
Click 'OK'.

- 1) Create a folder at the root of drive C and named it 'TMS'.
- 2) Copy or move TMSDB\_V16.exe into this folder. C:\TMS\TMSDB\_V16.exe
- 3) Create a shortcut, then right-click and drag the shortcut to the desktop.
- 4) At the desktop right-click at your MT4 icon and select 'Properties'.

Click 'Advanced' and tick 'Run as administrator'.

Click OK, OK.

Do the same for the Dash Board Icon.



- 5) Close your MT 4. Then double click the MT 4 icon again.

After you have finished, you should have something similar to the following text files in your files folder under your experts folder. You should have a file for each Pair you placed the EA on. These are the text files the DashBoard Program will read to get its information.

C:\Program Files (x86)\Ava MetaTrader\experts\files

Name	Ext...	Size
AUDUSD TMS	txt	68
EURCHF TMS	txt	75
EURGBP TMS	txt	80
EURJPY TMS	txt	80
EURUSD TMS	txt	79
GBPJPY TMS	txt	75
GBPUSD TMS	txt	73
USDCAD TMS	txt	74
USDCHF TMS	txt	73
USDJPY TMS	txt	77

6) At the desktop double click on the TMSDB\_V16 icon and you should get this,

TMS EA DB V16\_MTF

Pair

Lot

SP

Cur Prf

Wk Prf

Mn Prf

Exit

Start

Clr

Config

Default.txt

Default\_2.txt

FXDD\_1.txt

For first time users click on the 'Config' button

TMS EA DB V16\_MTF

Pair

Lot

SP

Cur Prf

Wk Prf

Mn Prf

Exit

Start

Clr

Save

Config Name

Copy Path to files folder here followed by \

Default

Info you want to appear in Title Bar

On Top

Input (1) Config Name, (2) the full address where the data is collected, end with a ' ' and the symbols whose chart the EA has been placed on. This list should match the list in the files folder, the order is not important but leave no blanks between the Pairs. Be sure the spelling matches, some Brokers add a suffix to the PAIR name, this must also be shown here. If you want, you can put some identifying note in the info box, this will appear in the Header of the Dash Board.

TMS EA DB V16\_MTF

Pair	Lot	SP	Cur Prf	Wk Prf	Mn Prf
EURUSD					
GBPUSD					
EURJPY					
AUDUSD					
USDCHE					
GBPJPY					
USDCAD					
EURGBP					
USDJPY					
EURCHF					
GBPCHF					
EURAUD					

Config Name: 
 Copy Path to files folder here followed by \:

Info you want to appear in Title Bar: 
☒ On Top

Check for typing errors, then click the 'Save' button then follow by Clicking the 'Start' button.

After a minute or so something similar to the following should appear.

TMS EA DB V16_MTF			FXDD_2					
Pair	Lot	SP	Cur Prf	Wk Prf	Mn Prf			
EURUSD	0.01	2.5	0	-41.9	-41.9			
GBPUSD	0.01	4.3	0	-1.09	-1.09			
EURJPY	0.01	4.3	0	-3.26	-3.26			
AUDUSD	0.01	4.3	0	0	0			
USDCHF	0.01	5.3	0	-96.69	-96.69			
GBPJPY	0.01	5.3	0	0	0			
USDCAD	0.01	4.2	0	0	0			
EURGBP	0.01	4.2	0	0	0			
USDJPY	0.01	2.2	0	0	0			
EURCHF	0.01	6	0	0	0			
GBPCHF	0.01	9.7	0	0	0			
EURAUD	0.01	6.1	0	0	0			
			0	-142.94	-142.94			
			Clr	Config				

If you have this then the DB installation is completed.

7) When you restart your DB on another day you will see something like this

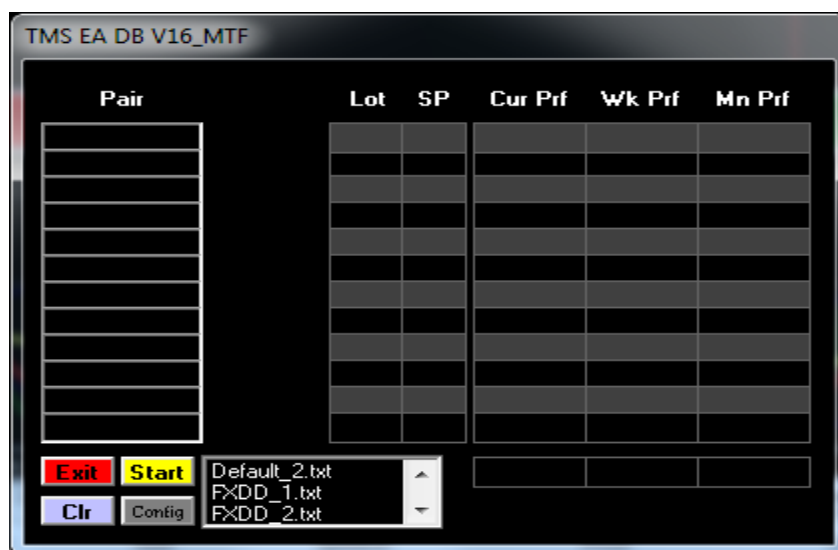
TMS EA DB V16\_MTF

Pair	Lot	SP	Cur Prf	Wk Prf	Mn Prf

Exit Start Clr Config

Default\_2.txt  
 F:\DD\_1.txt  
 F:\DD\_2.txt

Earlier on we saved our file as FXDD\_2, so this is how you can retrieve it, click the name you saved your configuration under.



If you don't see your configuration file listed, scroll through the list with the up/down arrows at the right side of the box. When you see it, click the name and your settings should be reloaded.

Then click on the 'Start' button and after a minute or so data should appear in the Dash Board.

