

Steve Hopwood's Swing Trend Confirmation auto-trading robot

Welcome to my swing trading robot. Remember: **you use at at your own risk; using it does not guarantee profitable trading. A lot of people loose a lot of money trading Forex.** .

The robot starts by identifying the latest swing high\low on two higher time frames than the one that will actually be used for trading.

- When the latest swing is high on both tf's, the robot takes the trend to be short.
- When the latest swing is low on both tf's, the robot takes the trend to be long.
- From here, the robot looks at a lower time frame to actually place trades. Taking an overall long trade as an example:
 - When the robot identifies a trading tf swing low, it takes a long trade.
 - When it identifies a trading tf swing high, it closes the open long trade. It also closes the trade if it identifies a higher time frame trend change.

That's it. Pure price-action trading.

The Trading Method

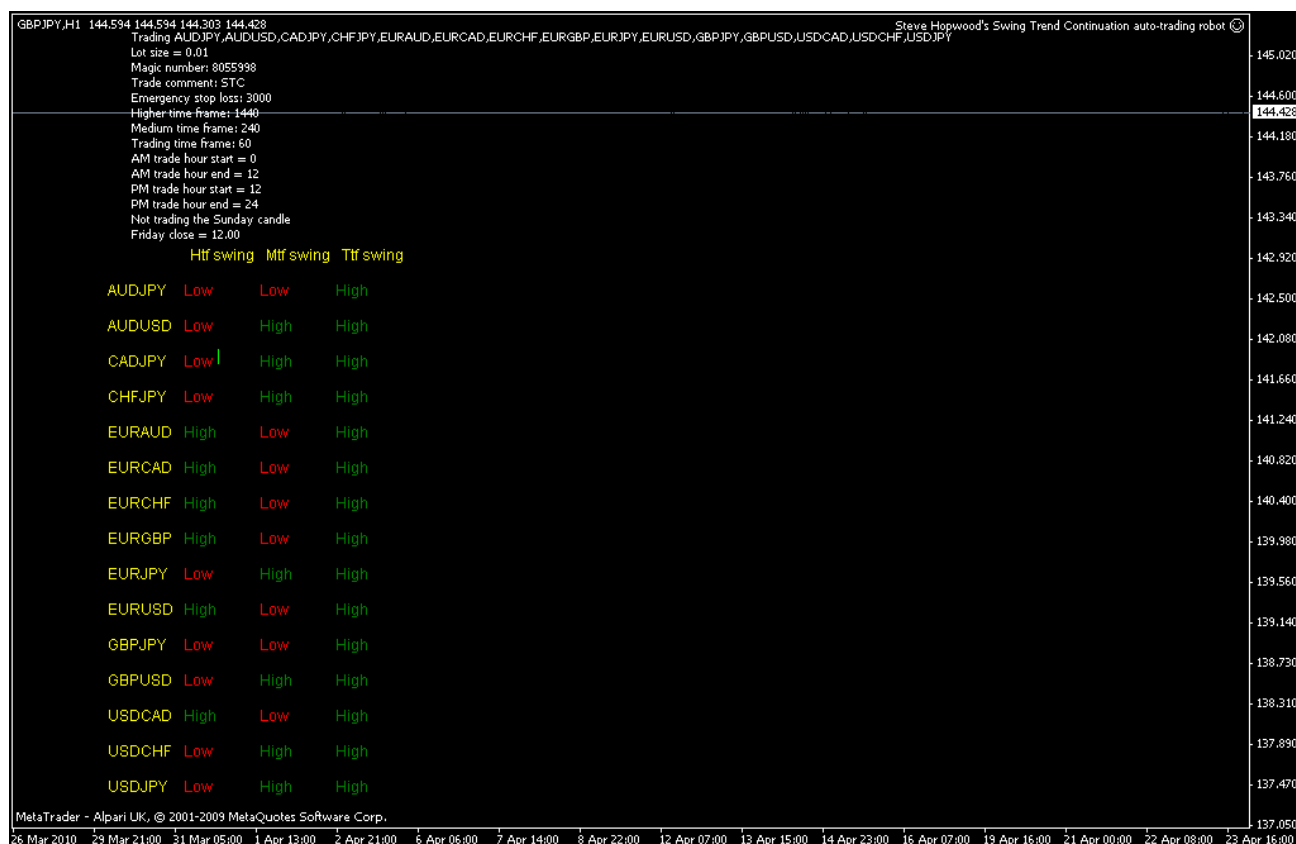
To summarise, the trading method is this:

- Use the ZigZagMe indicator to find the most recent swing on a higher time frame chart. This indi is included in the zip file and needs to go into your Indicators folder.
 - Swing high – trend is down.
 - Swing low – trend is up.
- Go to the lower time frame chart to do the actual trading. Entry is:
 - Long trend: wait for a swing low then buy on the third candle after the fractal appears.
 - Short trend: wait for a swing high then sell on the third candle after the fractal appears.
- Exit is:
 - hits a stop loss or take profit, calculated using Atr
 - hits a stop loss monitored by mptm
- This is intended to be a medium-term strategy but there is no harm in experimenting with, say, trading the 15M whilst using the D1 trend. The choice is yours.

Newbie traders who do not understand the concept of 'swing high' and 'swing low' can read the 'Swing and Atr' pdf that is included in the zip.

Using The Robot

The robot is a multi-pair trader, which means you can drag it onto a single chart (GBPJPY because it generates the highest tick volume). There is lots of screen feedback to tell you what is going on. Your chart will look something like this:



If you are unfamiliar with swing trading, I suggest you treat the robot as a single pair trader, with just one pair in the PairsToTrade input. Drag it onto the chart appropriate to the pair and add a Fractals indi so you can see the information the robot is working with. You will not need a new magic number for each pair. The robot is independent of the chart time frame, so you can switch any number of times to different tf's to see what is going on.

Once you are confident you understand what is going on, then delete all those charts and set the robot up as a multi-trader.

Each pair displays the htf most recent swings high, low and trend. I might remove the irrelevant swing later on.

A couple of points to note:

- If you use this robot on a live account, you will have to change the magic number. I recommend you change the trade comment as well. The idea is to hide from the criminals, the fact that a number of people are using the same trading robot.
- Changing the magic number and PairsToTrade inputs will not have an immediate effect. You need to do this:
 - make the changes
 - save the set file
 - reload the robot and load up your set file.

The robot's inputs along with their defaults are:

- **PairsToTrade =**
AUDJPY,AUDUSD,CADJPY,CHFJPY,EURAUD,EURCAD,EURCHF,EURGBP,EURJPY,EURUSD,GBPJPY,GBPUSD,USDCAD,USDCHF,USDJPY: the list of pairs you wish to trade. Separate each pair with a comma. Do not add pair suffixes such as IBFX 'm'; the robot detects these and automatically adds them.
- **Lot = 0.01:** make sure this lot size is accepted by your criminal.
- **MagicNumber = 388457;**
- **TradeComment="SCT";**
- **Atr inputs:**
 - **AtrPeriod=14:** the number of candles on which to base your Atr. 14 is the usual default when using this indicator.
 - **AtrTimeFrame=240:** the chart time frame for the Atr calculation
 - **TakeProfitMultiplier=1.5:** the robot uses this multiple when calculating the take profit using the Atr.
 - **TakeProfitMultiplier=1:** the robot uses this multiple when calculating the stop loss using Atr.
- **HigherTimeFrame=1440:** the higher time frame you wish to use to ascertain the trend, expressed in minutes. Defaults is D1.
- **MediumTimeFrame=240:** the medium time frame you wish to use to ascertain the trend, expressed in minutes. Defaults is H4,
- **TradingTimeFrame=60:** the time frame you wish to trade, expressed in minutes. Default is H1.
- The next 4 inputs are your trading hours. The defaults allow trading all day.
 - **start_hourm = 0;**
 - **end_hourm = 12;**
 - **start_houre = 12;**
 - **end_houre = 24;**
- **FridayStopTrading=true:** tells the robot to stop trading at StopTradingHour on Friday
- **SaturdayStopTrading=false:** for those whose markets are still open on Saturday
- **StopTradingHour = 12;**
- **TradeSundayCandle=false:** tells the robot whether or not to trade the Sunday candle. This will not be relevant to you if your markets open on Monday.

As well as this list, there are the inputs that allow you to adjust display to your liking; play with them.
