

### Plans for EA

For a trade we first need **Williams %R** to go **above -20** line or **below -80** line.

Then we need the **consecutive candle indi.** to print an arrow in our desired direction (if we are below the -80 line we look for an up arrow, above -20 line we look for a down arrow).

Then we need the indi. to print a candle with a dot (preferably with a lower/higher close than arrow candle).

### **For this to be a valid signal we need 3 things.**

1/ **Williams %** to now move **below -20** line or **above -80**.

2/ **Williams %** to be below the **55ema** (set to first indicator data) for a sell or above the **55ema** for a buy.

3/ **Volume/volatility** indicator is **yellow** or **green** (grey=no trade).

If all the above is met we can trade in the desired direction.

### Options for EA

Slippage/Spread????

Option for position sizes for different TFs (eg: 15 min 0.05, 30 min 0.04, 1 hr 0.03...)

Ability to put on different TF for same pair

Option for SL

Close @ cross of opposite -20/-80 line on closed candle.

### Factor in the nuances discussed in first post;

There are some nuances to the confirmations...If we get a signal to trade but the volume/volatility indicator does not agree we can still take the trade if another candle with a dot prints and volume now agrees. This is a valid signal as long as an opposite arrow does not show up. If it does then we do not trade. We must then wait for a full re-confirmation from all indicators. See below;

1/ Williams %R goes below -80 line

2/ Trade to buy is confirmed by all indis. but volume bar is grey (no trade).

3/ An opposite arrow prints...now we wait for a whole new set up.

4-5/ A whole new buy is confirmed but again volume is grey (no trade).

6/ Another opposite arrow prints...now we wait for a whole new set up.

7-8/ A whole new set up is confirmed and this time the volume bar is yellow/green...so a buy trade is executed.

9/ Exit trade after close of first bar where Williams %R is above -20 line.



Another nuance is when the confirmation candle closes and Williams%R is already above/below the -20/-80 lines, then there is no trade.

