

## SPECIFICATION MT5 TRADING SYSTEM

### INPUT VARIABLES

**Initial Stop Loss (ISL):** Normally I use the **30 pips** initial stop loss when I enter into the trades, but it would be help for the future that this is an input variable.

**Trailing Stop (TSL):** The trailing stop starts when the trade is 2 pips in profit with **30 pips** distance from the entry price. Every additional 2 pips in profit, the TSL go in the same direction as the trade and protect the trade if the market change the other direction.

**Take Profit 1 (TP1):** When the trade is open I realizes 50% from the trade quantity as profit when the first **30 pips** are reached.

**Take Profit 2 (TP2):** **74 pips** is the goal of the complete trade.

**Break Even (BE):** When the TP1 is reached the ISL or TSL must be moved 5 pips above (when long) the entry price or 5 pips below (when short) the entry price.

**Trading time (TT):** I trade in the **3 hour time frame** so signals shall be generated at 6, 9, 12, 15, 18, 21 (GMT+2), No signals at 24, 3 (GMT+2). So it makes sense to give a input variable in the program for the user to change the trading time range before the EA starts.

**Flag for activate the strategie:** In the future I will add additional strategies into this EA and I will select depending from the actually market and currency pair which strategies are activ in this EA.

**Risk in %:** Default I use the 0.5% risk from the trading balance, for example when the account has 5.000 EUR capital I risk not more as 0.5% with 30 pips initial risk (25 EUR for 30 pips). So the EA must caculate the correct quantity when I risk 0.5% for 30 pips initial risk.

### ORDER STRATEGY

**This signal was not often generate, but more important is the structure in the program to add easy new strategies (in NT8 I use 12 strategies in one trading system for 15 currency pairs).**

#### **Strategie 1 – MACD (8,9,8)**

if the MACD histogram cross above or below the 0 value then enter into the trade at the open next candle. „look until 2 candles back“  
„look 2 candles back“

#### ***Filter long:***

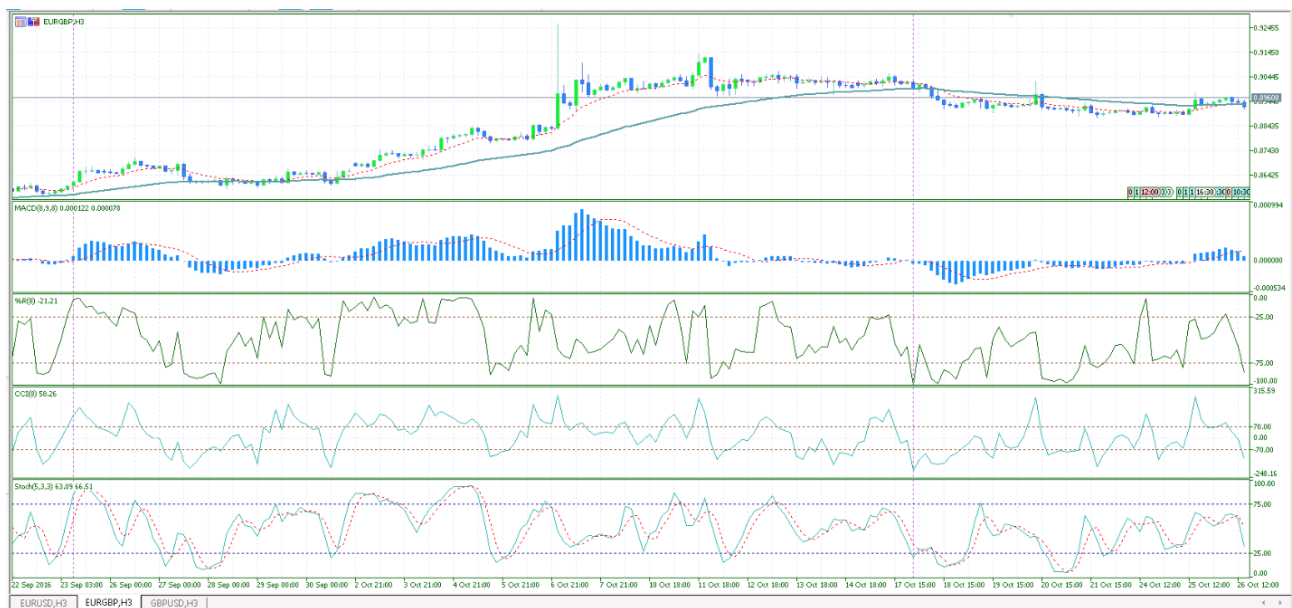
close[0] > Open[0] && close[0] > EMA(10)[0] && close[0] > EMA(50)[0]  
&& Williams Percent Range(8).%R.%R > -25  
&& CCI(8) > 70  
&& Stochastic(5,3,3) > 75

**Filter short:**

close[0] < Open[0] && close[0] < EMA(10)[0] && close[0] < EMA(50)[0]  
&& Williams Percent Range(8).%R < -75  
&& CCI(8) < -70  
&& Stochastic(5,3,3) < 25

**Example in MT5**

(further I will hide the 3 filter indicators in the chart, it is here only for the presentation)



**ORDER MANAGEMENT**

**If strategie 1 is true then**

**1. Check first if a running order exist for this pair (only one trade long OR short is allowed for a pair). When flat**

- open one trade at open price new candle
- set the initial stop loss 30 pips below the entry price (for long)
- set the order target 74 pips

2. When run the trade in profit with 2 pips activate the trailing stop with 30 pips distance from the entry price instead of the initial stop loss. The initial stop loss is only if the markets changes directly after entry and reduce the max. risk on 30 pips. Maybe it is possible to start also with the trailing stop instead of the initial stop loss because both of them have the same risk 30 pips distance in the beginning.

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3. When the trade is 30 pips in profit,
- close 50% of the trade quantity
  - set the trailing stop to break even point which is when the order is long +5 pips above the entry price r when short 5 pips below the entry price.
  - trail from this break even point further every 2 pips when trade get 2 pips further profit

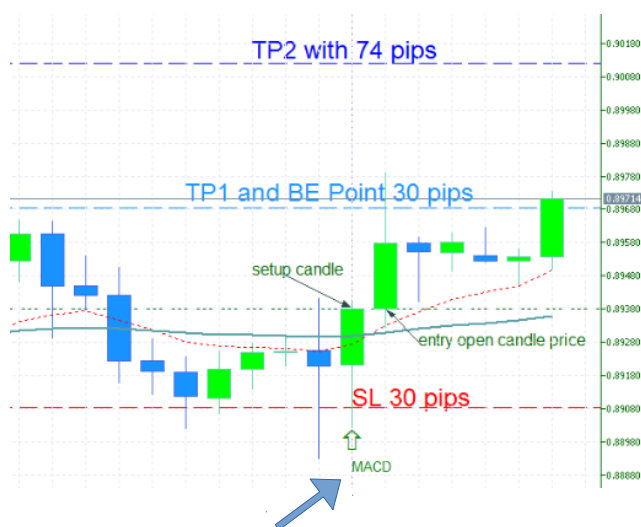
MT5 example long:



### ADDITIONAL VIEWS IN THE CHART

Additional I need some extra information in the chart:

- Up or down arrow when the setup bar conditions are accurate with strategie text (see picture)



It is important that the arrows are also write in the chart for the past to analyze the setup candle in the past that the strategy works well.

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- Some information in the level top corner about the strategy and status like which version, activ or not, etc.

Maybe you have standard coding for EA strategy information in the left corner.

OK I think that enough for starting

### **AS A GENERAL RULE**

- Please take a good structure and documentation in the coding that it is possible to add further strategies by myself.
- I have no experience how stable the MT5 platform works for EA which are running 24/5 hours. I use a dedicated server windows 2012 R2 Server (Intel 7 with 24 GB Ram) from contabo in Munich with a 1 GB internet connection. So internet is fast enough and security is also available. But in the past, for ex. Ninja Trader 8 had sometimes problems over night with the data connection and the fx data provider or when the news comes out. I am not sure if I run with MT5 in the same problem but in will start trading only in the 3 hour time frame. My MT4 platform runs at the same time on this server and was very stable in the past.
- Would it be possible to add a new pay project with you together on this program when it runs stable and I need some additional settings in this program?

Thanks for your work.

You can reach me anytime on [office@schranztrading.at](mailto:office@schranztrading.at)

Christian Schranz