

Hello everybody,

this is a job for experienced developers and traders. English skills are a must.

I want to automate my existing strategy based on the standard built-in MACD Indicator. This should be fully integrated into the EA with all settings. Second is a so called Renko Range Box Indicator. The principle of the indicator could be seen here: <https://www.fxblue.com/appstore/42/renko-indicator-mt4> I have an own version of it, code is available and must be fully integrated into the EA code.

The EA must have following inputs

Start Trade hh:mm - The EA starts trading if the condition met

Stop Trade hh:mm - The EA doesn't open NEW trades or places NEW pending orders

Close Trade hh:mm - The EA closes ALL trades and deletes ALL pending orders

The EA will only use the MACD Histogram, you must be familiar with it. Is actual more positive than previous = long, if it is more negative than previous = short.

There is always only ONE actual Renko Range Bar with a High and a Low, it can be seen as a grid, which has an actual active grid. Check fxblue indicator. Box Size is the difference between Box High and Low, it's static.

Entry: (Of course the actual time > Start Trade)

Actual price level > Renko Range Box High (the price is ABOVE actual RRB)

-- MACD Histo long Signal: Stop Buy at Actual Box High plus Box Size

-- MACD Histo Short Signal: Stop Sell at Actual Box High

Actual Price level somewhere inside Actual Box

-- MACD Histo long: Stop Buy at Actual Box High

-- MACD Histo short: Stop SELL at Actual Box low

Actual price below Actual Box

-- MACD Histo long: Stop Buy at Actual Box low

-- MACD Histo short: Stop Sell at Actual Box low minus Box Size

The Signal of the MACD Histo can change without triggering a pending order, in this case the pending order must be deleted and a new pending order must be created regarding logic above.

Example: Price is above Actual Box, Histo was short, Stop Sell placed at High of Actual Box. Signal of Histo changes from short to long. The Stop Sell is deleted and a new Stop Buy order at Box High + Box Size is placed.

Take Profit / Stop Loss settings are multipliers of Box Size, e.g. TP 1.5 and Boxsize is 100 Points the TP is 150 Points, same with SL, Zero means no TP / SL

Riskmanagement Input: Lotsize to be calculated on % of Balance or Equity (to choose) or as a fixed Input

Break Even: on / off -- If on, then the SL should be moved to BE when opposite condition are met. Example: We are in a long trade, actual price is above actual box. The MACD histo is short, so the EA will place a pending Stop Sell order at Box High. This was the level where the actual trade was triggered. In this case the SL should be moved to BE.

Martingale: Multiply lot sizes in case of a loss, Zero means no martingale

Trailing stop: as usual, Zero means no trailing stop

EA must work on all assets, with different digits, Correct order handling (no Order send errors in any case). In case of MT4 failure and shutdown, the EA must restart properly. EA must be backtestable and fast.

Looking for a good cooperation

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