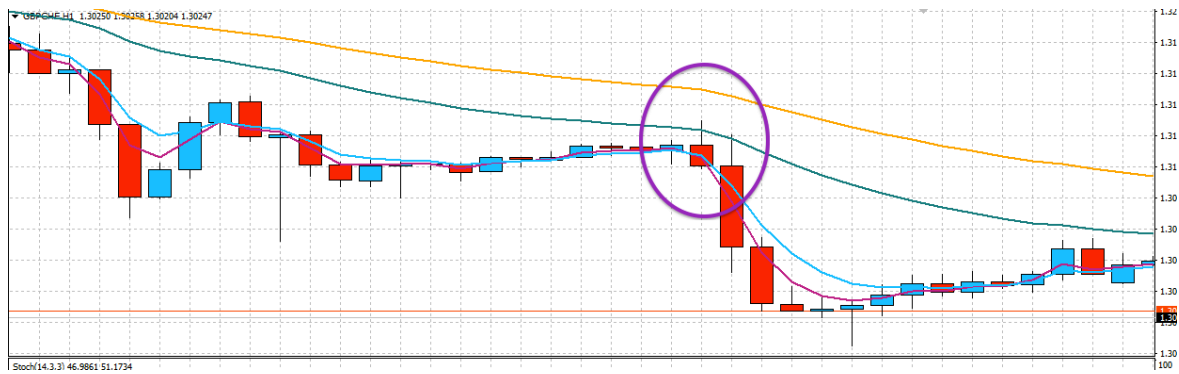


INDICATOR:

-
- **MA setting:** 1 shift, method and applied price setting used for all EMAs at the same time (no individual setting for these values for every MA)
- **MinSpreadPrimaryEMAsInPoints** for every timeframe now will be dynamically calculated based on the [average Spread distance on the last n. candles] (use same average method as in the MAs setting). So i'll need 2 parameters: n. of candles and %. For example, if in the last 50 candles the [average Spread distance] of primary EMAs in the current timeframe was 10 points, and i sett the % at 60%, then indicator will send signals only if the [average Spread distance] will actually be ≥ 6 points. (the same if i enter a fixed points value, but now they are dynamically calculated)
- **MinSpreadSecondaryEMAsInPoints** (use same average method as in the MAs setting) for every timeframe now will be dynamically calculated based on the [average Spread distance on the last n. candles]. So i'll need 2 parameters: n. of candles and %. For example, if in the last 50 candles the [average Spread distance] of secondary EMAs in the current timeframe was 10 points, and i sett the % at 60%, then indicator will send signals only if the [average Spread distance] will actually be ≥ 6 points. (the same if i enter a fixed points value, but now they are dynamically calculated)
- **TouchMarginInPoints** for every timeframe now will be dynamically calculated based on the [average Spread distance on the last n. candles] (use same average method as in the MAs setting). Use the same n.of candles of from **MinSpreadSecondaryEMAsInPoints** so i'll need 1 more parameter: %. For example, if in the last 50 candles (from MinSpreadSecondaryEMAsInPoints) the [average Spread distance] of EMAs in the current timeframe was 10 points, and i set the % at 30%, then indicator will send signals only if the candle's wing is 3 points (or less) close the MA (the same if i enter a fixed points value, but now they are dynamically calculated)
- I want to test this CONDITION CHANGE: for buy (viceversa for sell), Secondary EMAs have to be above the SLOWEST PRIMARY EMA (not need they are above both Primary EMAs, just over the slowest) but signal has to start if an EMA is touched (both slowest or faster)
- I want to test this CONDITION CHANGE: send alert also when touch AND [secondary EMAs cross] happen in the same candle . Please, make it optional false / true



- Hyper-wings trigger:** some candles do not let Secondary EMAs cross twice while touching Primary Emas: they're simply too fast and the spike wing if very huge! I need to also to catch these bounces. Is it possible by looking at the candle shape and wings/candel ratio? Or you could see at the average wing highness for that cross... Anyway, for hyper-wings do not consider the MinSpreadPrimaryEMAsInPoints; use also TouchMarginInPoints FACTOR (i can place x2, x3.. the current TF TouchMarginInPoints) to catch also that huge wings that are farer than the usual TouchMarginInPoints



- MultiTimeframe scan ON/OFF (default = OFF)
- ATR setting have to be hidden in Inputs tab (use fixed 1D / 7 values)
- Window menu about how long the candle was to open before to trigger the

alert: Send the alert only if all EMAs conditions are respected at 1/2, 2/3 or 3/4 of the candle time has passed (for example, if i set 3/4, H1 cancel will trigger the signal only when 45 minutes will be passed after it opens)

- Enable also M1 timeframe (littlest Spread Vs ATR will works for TF<=15M)
- disable timeframes (input field where i can place TF to disable such as: 5M, 15M,30M)
- Big message in the chart: CAUTION: THIS CHART SEND ALERTS FOR POTENTIAL TRADES! (input text field to modify)
- Below the "TRADE / PAUSE button" (see the EA requirement below), Indicator has to show the following lines: ATR in pips, Today's Range in pips, Spread in pips (< 3 text in green, 3=<pip<5 text in orange, =>5 text in red), ATR vs Spread in % (< 50 text in green, 50=<pip<70 text in orange, =>70 text in red), minimum triggered timeframe for current symbol, "Primary MAs opening [n. of points]" text (green if condition is ok to send signal, red if no signal can be sent with that value), "Secondary MAs opening [n. of points]" text (green if condition is ok to send signal, red if no signal can be sent with that value)
- new default labels and values (i'll send all of them when we're going to finish)
- Alert text messages (i'll write for you when we're going to finish)
- It could be i'll find some fixed setting that have not to be changed anymore when using the indicator in future: i probably ask to finally remove them from the inputs tab at the end of the job

EA:

- Option "Close Trades at EMAs back-cross when candle closes"
- I want to test this CONDITION CHANGE: add 1 more "Closing MA"; option window: close trades with Closing MA or Secondary MA cross back. So we'll find in the inputs tab 2 main MAs (that we'll call "Secondary MAs" so i know they are the same of the Indicator MAs) and one "Closing MA" with its personal MA settings (method, shift, etc...) .Trades will be closed when the Slowest Secondary MA will cross with the "Close MA". This means that the EA has to open trades looking at the Secondary MAs but it will close them looking at the Slower Secondary MA and the Closing MA.
- When EMAs cross back (based on using Closing MA or not), then send an alert and automatically switch in pause mode (both, if the trade has yet started or not)
- Open a trade if there is enough space between crossed EMAs (add filter MinEMAsOpenTradesSpreadInPoints) that will be dynamically calculated based on the [average Spread distance on the last n. candles] such as in the indicator; if not, still wait till condition is satisfied and open the trade OR until a cross back happens and put the EA in pause mode
- Close a trade if there is enough space between back-crossed EMAs (add filter MinEMAsCloseTradeSpreadInPoints) that will be dynamically calculated based on the [average Spread distance on the last n. candles between the Slowest Secondary MA and the Closing MA]

- Auto Magic Number based on yy:dd:hh:mm:ss (if I load the indicator at 2018-07-25 at 10:39:17 time, then the Magic number will automatically be 20180725103917)
- Options window: close trade when EMAs cross back immediately (cancel still open) OR after candle closes
- “Armed color” for clicked SL button (change button color when BUY SL or SELL SL has been clickd and EA is waiting to open the trade at the next candle). Add new colors for BUY and SELL SL armed buttons.
- Delete the Remove All Lines button: when i click SELL BUY at the first time it places the line and armes the EA; at the second click it delete the BUY SL line and disarms the EA
- TRADE / PAUSE control where the Remove All Lines button was: “TRADE” (green button) and “PAUSE” (yellow button). It will let me put the EA in standby. By default the button is in the TRADE mode when the EA is loaded, showing the green TRADE button; when clicked, it will show the PAUSE yellow button and EA will not open any trade or send any signal at all since i’ll set it again in TRADE mode)
- Option: Calculate risk % on Equity, Free Margin or Balance menu
- Take into consideration the current spread when calculate the lot size (i place manually SL some pips above a given level to take into consideration the Ask line)
- Lot Size: in chart, use a better visual text size and text position, aligned with the size text field
- new default labels and values (i’ll send all of them when we’re going to finish)
- Alert text messages (i’ll write for you when we’re going to finish)
- It could be i’ll find some fixed setting that have not to be changed anymore when using the EA in future: i probably ask to finally remove them from the inputs tab at the end of the job