

Contract Terms and condition between YOU and Phil Allard

Payment is held in escrow by the platform in accordance with Freelancer email communication information provided until all the conditions are met in this document then all code is received by me plus when I have tested every thing in a demo account and live account for 14 days in addition have a third party that I hire at my cost confirming the code is per the specifications in this document without revisions.

Then after all this has occurred payment will be released from the escrow account after my written instructions to do are sent to the escrow agent and you.

At any stage I have the right to cancel the contract and retrieve all funds from escrow account. If all conditions are not met then I will have the right to cancel the contract and retrieve all funds from escrow. While I can ask for revisions, I will have the right to cancel the contract and retrieve all funds from escrow should I realize work is not up to my expectations after many revisions.

Contract agreed to an estimated 64 hours and 1 week of testing. Using a hourly rate contract on the Freelancer system.

Bonus can be awarded to Sydney as an option if project finished successfully before time and /or if project finished successfully cover for extra hours that occur.

Required to log hours on a paper and photograph hours spent accurately plus every day inform me what was done. This is to be sent to me by the platform chat.

In addition there is another 3 projects that will be awarded to Sydney on the same terms after the specifications are reviewed and a quote is obtained.

Code has to be written without errors and be efficiently executed as fast as possible. You need to run and test the code on TV and MT5 also.

MT5 programmed with Python to handle this over 200 investments instruments with a trade management program - the EA can be programmed for the allocation of income between assets traded - 38 FX pairs. Need to split the capital by a % over 1 or up to currently 38 FX pairs and then trade each opportunity with this allocation. Then reinvest a % of the profits. Allocate any losses equally. Also be able to place a % per trade away in in a separate account that will not be affected by losses.

Both EA and the trade management program will do this without lagging plus handle 25 timeframes at the same time without lagging. 13 current timeframes plus other timeframes for other projects.

Must report every day by the platform in writing any issues asap and maintain daily contact after delivery of the code. Will accept any loom calls if you have complex questions via the Freelancer platform.

Project finished in 21 days from when I confirm payment has been made by attaching PayPal payment to escrow account and confirmed with the platform to you.

<https://www.pineconnector.com/> or <https://tradingview.to/> to connect TV to connect MT5.

All scripts below that are adjusted as requested below need to also be sent as separate files by email asap in TV and MT5 so I can test these and have the code reviewed prior to whole code been delivered.

Any communications concerning anything must be resolved in writing through the platform with the Freelancer recruiter - Ernest.

MT5 platform will need to be setup and you can have access to my computer to set this up.

Charts will be supplied also. These need to be deleted once the project is finalised. All the information in this document has occurred through testing in TV. Your duty is to confirm what you are coding and if this document does not mirror the charts provided please write queries to me to resolve.

Contract terms and conditions also include all points confirmed with the Freelancer recruiter - Ernest.

This defines Japanese candle stick patterns - <https://commodity.com/technical-analysis/candlestick-basics/>

Read these charts in the this order then the details below - CHFJPY 15min Hull2 cross Hull2 / AUDUSD example / CADHKD / DBDBD EURMXN / AUDCAD. If details below are not interrupted per these charts send me questions.

All indicators given are my intellectual property and not to be used, discussed or disclosed to any parties in anyway what so ever.

Process BIG Picture

I will review this again.

Sequence is find the moving averages that are all crossed in same direction on timeframes over a period of time THEN enter with stops with the entry pattern indicators in the same direction, trailing stops used and after exit the trade.

Normally alerts issue me emails and if trading view platform/server is not working then how are open trades closed and I am notified by email also - alertsontraders@gmail.com

All indicators work in a closed candles then issue alerts but Moving Average do not work on closed candles especially larger timeframes.

TIMEFRAMES

Step 1 - Timeframes

This is set up on the following time frames

1. 1minute
2. 2minute
3. 3minute
4. 4minute
5. 5minute
6. 10min
7. 15 minute
8. 30 minute
9. 45 minute
10. 60 minute / 1hr
11. 75 minutes
12. 90 minutes
13. 120 minutes / 2hr

Step 2 - Moving Averages

On charts that you see Hull9 RED, EMA9 Black and EMA20 Blue. Hull2 Orange and Hull 4 Purple.

1. 15min big candles down and then a big candle up use 15min Hull2 cross Hull4 - 5min/3min/1min Hull9 and EMA9 all crossing in the same direction this is before 15min Hull9 and EMA9 all crossing in the same direction. See CHFJPY 15min Hull2 cross Hull2
2. 15min Hull 9 EMA 9 and 5min/3min/1min Hull9 and EMA9 all crossing in the same direction
3. 30min Hull9 and EMA9 15min Hull 2 EMA 9 and 5min/3min/1min Hull9 and EMA9 all crossing the in same direction
4. 30min Hull2 and Hull4 15min Hull 9 EMA 9 and 5min/3min/1min Hull9 and EMA9 all crossing in the same direction
5. 45min/30min Hull9 and EMA9 15min Hull 9 EMA 9 and 5min/3min/1min Hull9 and EMA9 all crossing in the same direction
6. 45min/30min Hull2 and Hull4 15min Hull 9 EMA 9 and 5min/3min/1min Hull9 and EMA9 all crossing in the same direction - AUDUSD example
7. 60min/45min/30min Hull9 and EMA9 and 15min Hull 9 EMA 9 and 5min/3min/1min Hull9 and EMA9 all crossing in the same direction
8. 60min/45min/30min Hull2 and Hull4 and 15min Hull 9 EMA 9 and 5min/3min/1min Hull9 and EMA9 all crossing in the same direction
9. 90min/60min/30min Hull9 and EMA9 and 15min Hull 9 EMA 9 and 5min/3min/1min Hull9 and EMA9 all crossing in the same direction
10. 90min/60min/30min Hull2 and Hull4 and 15min Hull 9 EMA 9 and 5min/3min/1min Hull9 and EMA9 all crossing in the same direction - AUDUSD example
11. 120min/90min/60min/30min Hull9 and EMA9 and 15min Hull 9 EMA 9 and 5min/3min/1min Hull9 and EMA9 all crossing in the same direction
12. 120min/90min/60min/30min Hull2 and Hull4 and 15min Hull 9 EMA 9 and 5min/3min/1min Hull9 and EMA9 all crossing in the same direction

Above timeframes from 10 min and 15min to 240min use Hull9 and EMA9.

5min/3min/1min use Hull9 and EMA9/20

Most important when moving averages cross they all must maintain and stay above there crossing point regardless of the order they are crossed after the largest timeframe - for example 15min then 3min then 5min then 1min OR 15min then 5min then 3min and 1min together and so on.

Issue in TV the Hull2 and Hull4 moving averages on 30min to 2hr timeframes.

If you set the alert to every minute then the inbox is flooded with alerts. If Hull2 and Hull4 on 30min to 2hr on a closed candle setting you will find the 15/5/3/1 min moving averages have already crossed therefore you will miss the trade. Reason is that you can not know the size of the candle forming on 30min to 2hr timeframes when the candle starts forming.

In the EA one needs to monitor possibly (my suggestion) 2 to 5 minutes if 30min to 2hr timeframes Hull2 and Hull4 moving averages keep the Hull4 above the Hull2 while AND at the same time the 5/3/1 min moving averages Or 15/5/3/1 min moving averages have crossed in order to enter into the trade if the **matrix of entry patterns (see below)** has passed all its tests. See AUDUSD charts.

Now two outcomes will result in the above scenario after entry occurs:-

1. after entry the FX pair rally OR

2. stop loss is activated then most likely Hull2 and Hull4 on 30min to 2hr on a closed candle will not occur. This is why I have stop loss and moving stop always in place.

The rule is FIFO (First in first out) therefore any of the above MA combination if the moving averages all align together with the specific entry points below then take the trade. AUDUSD example shows Hull2 cross Hull4 on 15/30/45/60/120 min timeframes with entries that follow the requirements of specific entry points below.

Could use this indicator per our discussions in the Freelancer chat - <https://pastebin.com/YyRKGNjB> - This is called MTF Custom MA BY CT in TV.

Need to insert hull moving average in it.

Since it has 5 timeframes then either run 2 versions or expand it number of combinations to handle 13 timeframes.

Objective - this indicator should activate an alert when all timeframes have met this condition of each moving averages crossing over.

Example 15min/5min/3min/1min Hull9 cross UP EMA9 then 15min crosses first then all other moving averages have passed in any order - alert triggered.

Step 3 - Entry phase

After all moving average in Step 2 are confirmed by all been crossed then one looks to executing the entry phase.

All indicators work in a closed candles then issue alerts.

3WS price moves up.

3BC price moves down.

This indicator needs all minutes available to be chosen in the settings area - please insert.

Next required to fix 15min closed candle then sends an alert for all entry indicators and send these back as individual indicators for me to test asap. Currently the 5min/3min and 1min combinations should be working with closed candles and alerts issued.

See Combinations-MA OBMA spreadsheet with all details for the combinations that pass as an entry points. Note that normally one enters on the first three time frames 1/3/5 min for example.

The 15 min timeframe on closed candle is important. Look at this step by step from a time line perspective.

Reason is that if one enters on a 1/3 min combination time frame after pattern of stacking / recurring pattern test is passed (see specific entry points below) then this would confirm a 3 min moving average is used to exit the trade.

Below is the entry timeframe rule for each combination.

Next developing on the timeline of patterns is the 5min chart.

If a 5min 3WS pattern is created after the 3 min 3WS in the same rally then 5min entry timeframe rule is used for the moving averages to exit the trade.

Next developing on the timeline of patterns is the 15min chart.

If a 15min 3WS pattern is created after the 5 min 3WS in the same rally then 15min entry timeframe rule is used for the moving averages to exit the trade. If a 5min 3WS pattern is created

after the 3 min 3WS in the same rally then 15min entry timeframe rule is used for the moving averages to exit the trade.

The entry timeframe rule to use would be for 1/3 is the 3 min chart to find this pattern and also use this time frame 3min for moving averages Hull9 cross EMA9 moving averages in same direction with any pattern of closed candles in any timeframe after the crossing point to exit the trade.

The entry timeframe rule to use would be for 1/3/5 is the 5 min chart to find this pattern and also use this time frame 5min for moving averages Hull9 cross EMA9 moving averages in same direction with any pattern of closed candles in any timeframe after the crossing point to exit the trade.

The entry timeframe rule to use would be for 1/3/5/15 is the 15 min chart to find this pattern and also use this time frame 15min for moving averages Hull9 cross EMA9 in same direction with any pattern of closed candles in any timeframe after the crossing point to exit the trade.

The entry timeframe rule to use would be for 1/2 is the 3 min chart to find this pattern and also use this time frame 3min for moving averages Hull9 cross EMA9 moving averages in same direction with any pattern of closed candles in any timeframe after the crossing point to exit the trade.

The entry timeframe rule to use would be for 1/2/4 is the 5 min chart to find this pattern and also use this time frame 5min for moving averages Hull9 cross EMA9 moving averages in same direction with any pattern of closed candles in any timeframe after the crossing point to exit the trade.

The entry point timeframe indicator is based on 1 minute. Can you place a condition that if there is no 1 min pattern and / OR Hull9 cross EMA9 that TF2 (next timeframe) is used as the point to measure all patterns from in TV. This should be done on 3WS/3BC 1/3/5/15min and 3WS/3BC 1/2/4/15min.

TF1 - 1 min / TF2 - 3min / TF3 5min / TF4 - 15min
TF1 - 1 min / TF2 - 2min / TF3 4min / TF4 - 15min

3WS/3BC 1/3/5/15min

<https://pastebin.com/WaAeq7u1> - This is called TF Candlestick Identifier V12 1 3 5 15 in TV.

3WS/3BC 1/2/4/15min - same script as above with different time frames.

<https://pastebin.com/HiP1J4Ym> - This is called TF Candlestick Identifier V13 2 4 15 in TV.

See Combinations-MA OBMA spreadsheet with all details for the combinations that pass as an entry point.

For example the above indicator works like this - 15/5/3/1 minutes works by finding a 3 min 3WS candle pattern with closed candles for example at 10.09 am. Then it goes back in time by 9 mins to 10.00 to find on 1 min to find any 1 min 3WS candle pattern in the last 3 minutes.

The above indicator 15/5/3/1 works by finding a 5 min 3WS candle pattern with closed candles for example at 10.15 am. Then it goes back in time by 15 mins to 10.00 to find on 1 min to find any 1 min 3WS candle pattern AND to find on 3 min to find any 3 min 3WS candle pattern.

The above indicator 15/5/3/1 works by finding a 15 min 3WS candle pattern with closed candles for example at 10.45 am. Then it goes back in time by 45 mins to 10.00 to find on 1 min to find any 1 min 3WS candle pattern AND to find on 3 min to find any 3 min 3WS candle pattern AND to find on 5 min to find any 5 min 3WS candle pattern.

Specific Entry Points:-

There is a **matrix of entry patterns:-**

1. First confirm the pattern of stacking / recurring in a 1 min timeframe. Before the point of entry one confirms that on a 1 min timeframe that these recurring patterns exist before the point of entry with Hull9 above EMA9 1 min time frame.
These patterns are 3WS, 3 Identical Crows, 4WS, 5WS, 6WS, R1, R12, R123 and 3BC, 4BC, 5BC, 6BC, D1, D12, D123. Any 2 combinations of these 1 minute patterns is sufficient to pass this test prior to the last moving average crossing in any order after 15min or 5min e.g 15/5/3/1 OR 5/3/1 min.
(See below DOUBLE CHECK Recurring 1 min Timeframe patterns) This avoids large candles.
<https://pastebin.com/36VXHjSz> - This is called TC Consecutive Candlestick BOT in TV.
2. Second then confirm the patterns across timeframes to enter into the trade 1min / 2min / 4min / 15 min first, then look at 1min / 3min / 5min / 15min 3WS/3BC next with Hull9 above EMA9 in all relevant timeframes -
<https://pastebin.com/WaAeq7u1> - This is called TF Candlestick Identifier V12 1 3 5 15 in TV.
<https://pastebin.com/HiP1J4Ym> - This is called TF Candlestick Identifier V13 2 4 15 in TV.
See combinations - MA OBMA spreadsheet with all details for the combinations that pass as an entry point. Ideally a 1/3/5 pattern occurs just after a 1/2/4 pattern - the entry should be with 1/2/4 pattern combination.
3. See AUDCAD 1/2/4 and 1/3/5 charts to contrast and see the difference. Note that if the 1/2 min combination has formed and is just waiting for the Hull9 cross EMA9 5min time frame, you will still enter the trade prior to the 1/3 minute timeframe completing its candle closed routine. The rule is that moving averages over ride candle stick formations.

First the stop loss is confirm prior to entry been executed. See stop section below.

Either 3WS (UP in price) OR 3BC (down in price) to be entered into with moving averages must be in same direction.

There are 2 entry points with different timeframes so the first one that has combination with closed candle is the entry point and also has the stops placed in the timeframe of entry per the entry timeframe rule

1. 3WS/3BC 1/3/5/15min
2. 3WS/3BC 1/2/4/15min

These are mutually exclusive and must be used individually.

Entry Rules for the 2 entry points are:-

1. First in first serve when the combination happens (See combination table rules) on all closed candles at that point in price and time AND
2. Hull 9 needs to above/below the Simple Moving Average 20 in the timeframe the 3WS/3BC is formed all in same direction
3. Then you execute entry point and stop loss. If entry point failed then go back to point 1 to find the next entry point ONLY when Hull9 is above/below EMA9 in the same direction again in all time frames until the entry is occurs.

There can be an overlap among the 2 entry points.

The overlap rule 1 is that the first closed candles combinations between the 2 combinations of 1/2/4/15min and 1/3/5/15min will be executed at that point in price and time. If it is the same time then use 3WC 1/3/5/15min as master setting.

Now until point of entry is executed it is important to monitor if Hull9 and EMA20 touch or cross on 1 minute time frame.

If Hull9 and EMA20 cross straight after entry then one of the stop loss rules will exit the trade.

WHAT HAPPENS IF 1min HULL9 and EMA20 cross on 1 min time frame then:-

If the Hull9 crosses or touches the EMA20 1 min timeframe only **BEFORE** the price entry point then use TF2, TF3 and TF4 with TF2 as the basis for entry with labels and for both

1. 3WS/3BC 1/3/5/15min becomes 3/5/15min
2. 3WS/3BC 1/2/4/15min becomes 2/4/15min

If TF3 which is 2min OR 3min cross Hull9 and EMA20 do not enter the trade - This applies to all entry combinations and timeframes.

In summary if moving averages over ride the candle stick pattern and you will need to use the TF2, TF3 and TF4 combinations and go back to the start of "Entry Rules for the 2 entry points are" to enter into the trade. See Combinations-MA OBMA spreadsheet with all details.

If there is a lot of volatility after entry then the **4 stop loss rules** that are always activate the trigger to get out of the trade. These two methods are used to filter out big candles and find small constant candles.

For example so the actual entry point is after recurring 1 min test is passed, then for example the 1 minute candle closes at the same time as the 3 min closed candle with all Hull9 EMA9 1min and 3min not crossed then a label 1min and 3 min is plotted to the chart and an alert is triggered in TV and all MA are all in same direction.

This would be buy execution order sent by TV **AFTER** with all the above rules passed **WITH** the stop loss is instantly confirmed or created. See Combinations-MA OBMA spreadsheet with all details.

All buy and sell order are done with market orders not limit orders.

RE ENTER THE TRADE:-

First DOUBLE CHECK Recurring 1 min Timeframe patterns

3WS/3BC/RBRBR/DBDBD individual recurring patterns

<https://pastebin.com/36VXHjSz> - This is called TC Consecutive Candlestick BOT in TV. T

These patterns are 3WS, 3 Identical Crows, 4WS, 5WS, 6WS, R1, R12, R123 and 3BC, 4BC, 5BC, 6BC, D1, D12, D123. Any 2 combinations of these 1 minute patterns is sufficient to pass this test prior to the last moving average crossing in any order after 15min or 5min e.g 15/5/3/1 OR 5/3/1 min.

This shows small combination of candles and avoids large candles.

Second if 15/5/3/1 was the moving average one used then the 15min Hull9 is still above the EMA20 and 5/3/1 all have Hull9 cross EMA20 and entry pattern reappears then you can re enter the trade with a stop and exit again. This applies to all other MA combinations - 30/15/5/3/1, 45/30/15/5/3/1 and so on moving in the same direction. (See Combinations-MA OBMA spreadsheet with all details.)

See below for Stops and exiting the trade.

HIGHER TIME FRAME GREATER THAN 1hr - COUNTER TREND TRADE

On 1hr/90min/2hr timeframes Hull9 cross EMA9 have already crossed down and maintained a downward trend. See CADHKD Re enter trade and counter trend trading.

First DOUBLE CHECK Recurring 1 min Timeframe patterns as above.

Then on a smaller time frame 15min/5min/3min/1min all moving averages moving in the opposite direction when compared to 1hr/90min/2hr moving averages upwards for example with only 3WS 15min/5min/3min/1min (TF4/TF3/TF2/TF1) pattern going upwards.

This is that the only counter trend that one entered into ONLY with this patterns on all 4 timeframes 15min/5min/3min/1min and Hull9 never touching EMA9 at any stage.

Stops -

First the stop loss is confirm prior to entry been executed.

The pattern triggers to moving the stop loss only if the Hull9 above the EMA9 on all timeframes 15min / 5min / 3min / 1min AND the price has increased for 3WS.

The pattern triggers to moving the stop loss only if the Hull9 below the EMA9 on all timeframes 15min / 5min / 3min / 1min AND the price has decreased for 3BC.

Use 1 min normally to move the stop losses unless moving average 1 min is crossed prior to entry then use rules on change the timeframe to TF2 TF3 TF4 (see the Combinations and MA spreadsheet)

If you are dealing with 2min (15/4/2/1) or 3min (15/5/3/1) since the 1min has failed the moving average test then use these timeframes to move the stop loss.

The stop loss price can be above the 1 min Hull9 cross EMA9 MA.

Need a condition if you are going short (down in price) that the stop is placed on the second 1 min red candle (2 min back - down in price) and the entry is also on a 1 minute red candle (down in price) regardless of the combinations. Same applies long.

Need a condition if the entry point with closed candle has to be below the 1 min Hull9 cross EMA9 if you are going short (down in price). Same applies long.

We use **4 different stop loss rules** after any entry is executed which are always active until the trade is totally exited.

Entry Stop two candle below/above the entry price point normally on a 1 minute time frame unless moving average 1 min is crossed prior to entry then use rules on change the timeframe to TF2 TF3 TF4 (see the Combinations and MA spreadsheet)

If no candle below/above in same price direction then move up/down to the next candle in the 1 min timeframe. If the next candle is above / below 1 min Hull9 EM20 crossing point then use price point of Hull9 EM20 crossing point as the Entry Stop Loss.

If the Entry Stop loss is **not accepted by the platform** then automatically move to the next candle below/above the entry price point normally on a 1 minute time frame unless other rules on change the timeframe to TF2 TF3 TF4 then use 2min or 3min (see the Combinations and MA spreadsheet) If no candle below/above in same price direction then again move up/down to the next candle in the 1 min timeframe.

If the next candle is above / below 1 min Hull9 EM20 crossing point then use price point of Hull9 EM20 crossing point as the Entry Stop Loss.

1. Moving stop 1 has the price then moves and closes next 2 candle in a row same direction then the stop is moved to the entry price point. If the next candle is in the opposite direction then wait of the next two 1 minute candle moving with the moving averages in same direction then move the to the entry price point if the price is higher/lower than the entry price.
See CHFJPY chart Stops - point 2. With the narration "There is green candle then red then green then green."
All moving averages on all timeframes must have Hull9 above/below EMA9.
2. Moving stop 2 has the price then moves and closes next 2 candle in the same direction then the stop is moved to the open of the next candle 3WS/3BC after the entry price if the price is higher/lower than the entry price. If this candle is in the opposite price direction then wait for the next candle in the same direction then the stop is moved to the close of the next candle that is in the same direction of the MA.
All moving averages on all timeframes must have Hull9 above/below EMA9.
3. Moving stop 3 after three patterns 3WS/3BC in the same direction of the moving averages in 1 minute timeframe move the stop loss from Moving stop 2 to open price of the 1st candle of the first of 3 patterns if the stop price is higher/lower than the last stop loss.
All moving averages on all timeframes must have Hull9 above/below EMA9 of the open price of the first candle. See AUDNZD and USDDKK example.
4. If MT4/5 platform/server is not working then how are open trades closed and I am notified by email also.

All the above is valid for placing stops if one moves up a timeframe due to Hull9 crossing EMA9 on the 1 min timeframe then 2 minute or 3 minute is used then use the 2 / 3 minute as the basis for the entry and stop loss. (see the Combinations and MA spreadsheet)

Exits - there is 3 exit points detailed below using same indicator as entry

After the Hull9 crosses the EMA9 then exit trade with a closed candle of:-

3WS/3BC 1/3/5/15min
<https://pastebin.com/WaAeq7u1>

3WS/3BC 1/2/4/15min - same script as above with different time frames.
<https://pastebin.com/HiP1J4Ym>

AND

3 individual single patterns also used to exit trades - this included also /RBRBR/DBDBD individual pattern which is also used to exit trades regardless what pattern is used to enter into trades
 3WS/3BC/RBRBR/DBDBD individual patterns
<https://pastebin.com/36VXHjSz>

Specific Exit Points: -these are the exact rules to follow.

There is 3 exit points detailed below.

First the entry timeframe rule would indicate which 15/5/3/minutes used to exit the trade.

If 15min time frame is used then I would test that the 10min to confirm if the Hull9 has not crossed or touched EMA20.

If the 10 minute timeframe has had Hull9 cross EMA9 before the 15 min Hull9 cross EMA9 then use the 10min timeframe for exiting the trade with the moving average crossing and with first closed candle of an individual pattern (3WS / 3BC/RBRBR/DBDBD) or 3WS/3BC 1/3/5/15min and 3WS/3BC 1/2/4/15min of closed candles.

Exit 1 - Moving averages with Pattern - MA Hull9 Ema9 crossed then a reversal pattern followed by moving average crossing and with an individual pattern (3WS / 3BC / RBRBR / DBDBD) or any combinations of 3WS/3BC 1/3/5/15min and 3WS/3BC 1/2/4/15min of closed candles. Which ever pattern has the closed candle first then exit the trade. Remember the entry timeframe rule which dictates what timeframe to exit the trade which the same one entered into the trade.

Exit 2 exit if price matches Moving Stop 3, Moving Stop 2 OR Moving Stop 1 then AUTO EXIT ASAP. Note use 1 min closed candles asap regardless of moving averages.

Normally used for long wicks and if price is below the Moving stop 2 but that stop has not activated with a market order to exit the position.

Exit 3 - Master over ride Exit Rule is a fail safe to stop loss to protect the capital base and assumes there is no Moving stop 3 in place then Moving Stop 2 OR Moving Stop 1 and entry price will be triggered asap regardless of moving averages.

SEPARATE PATTERN - RBRBR/DBDBD 1/2/3/15min - Entry Stop - Exit

C. RBRBR/DBDBD 1/2/3/15min - This is called TF V14 1 2 3 15 in TV - <https://pastebin.com/36VXHjSz>

This script has error messages - pattern works in another script that I developed however when I drop this pattern into the same framework I have errors.

Also need to confirm that the barstate.isconfirmed function is working on all time frames and combinations as above. See attached combination spreadsheet.

RBRBR/DBDBD 1/2/3/15min- same script as above with different pattern with errors. - <https://pastebin.com/uhZWmzB9> - TF V14 R/D PUB

This indicator also needs all minutes available to be chosen in the settings area - please insert.

Then required to fix 15min closed candle that sends an alert just like the 3WS indicator above.

The above indicator works exactly like 3WS just with a different pattern RBRBR/DBDBD over 5 min by finding RBRBR/DBDBD candle pattern on 1/2/3/15 minute timeframe with closed candles.

The above indicator works by finding a 15 min RBRBR/DBDBD candle pattern with closed candles for example at 10.45 am. Then it goes back in time by 45 mins to 10.00 to find any RBRBR/DBDBD candle patterns on 3 min to find any RBRBR/DBDBD candle pattern to find on 2 min to find any RBRBR/DBDBD candle pattern AND to find on 1 min to find any RBRBR/DBDBD candle pattern.

Specific Entry: - RBRBR/DBDBD

RBRBR price moves up.

DBDBD price moves down.

First the stop loss is confirm prior to entry been executed.

With the RBRBR and DBDBD patterns if any timeframe has Hull9 and EMA9 cross then do not enter into the trade at all.

All indicators work in a closed candles then issue alerts.

This indicator needs all minutes available to be chosen in the settings area - please insert.

Next required to fix 15min closed candle then sends an alert for all entry indicators and send these back as individual indicators for me to test asap. The 3min/2min and 1min combinations should be working with closed candles and alerts issued.

See Combinations-MA OBMA spreadsheet with all details for the combinations that pass as an entry points. Note that normally one enters on the first three time frames 1/2/3 min for example.

The 15 min timeframe on closed candle is important. Look at this step by step from a time line perspective.

Reason is that if one enters on a 1/2 min combination time frame after pattern of stacking / recurring pattern test is passed (see specific entry points below) then this would confirm a 3 min moving average is used to exit the trade.

If a 2min RBRBR/DBDBD pattern is created after the 2 min RBRBR/DBDBD in the same rally then 3min entry timeframe rule is used for the moving averages to exit the trade.

Next developing on the timeline of patterns is the 3min chart.

If a 3min RBRBR/DBDBD pattern is created after the 3 min RBRBR/DBDBD in the same rally then 5min entry timeframe rule is used for the moving averages to exit the trade.

Next developing on the timeline of patterns is the 15min chart.

If a 15min RBRBR/DBDBD pattern is created after the 15 min RBRBR/DBDBD in the same rally then 15min entry timeframe rule is used for the moving averages to exit the trade.

The entry timeframe rule to use would be for 1/2 is the 3 min chart to find this pattern and also use this time frame 3min for moving averages Hull9 cross EMA9 moving averages in same direction with any pattern of closed candles in any timeframe after the crossing point to exit the trade.

The entry timeframe rule to use would be for 1/3 is the 5 min chart to find this pattern and also use this time frame 3min for moving averages Hull9 cross EMA9 moving averages in same direction with any pattern of closed candles in any timeframe after the crossing point to exit the trade.

The entry timeframe rule to use would be for 1/2/3 is the 5 min chart to find this pattern and also use this time frame 5min for moving averages Hull9 cross EMA9 moving averages in same direction with any pattern of closed candles in any timeframe after the crossing point to exit the trade.

The entry timeframe rule to use would be for 1/2/3/15 is the 15 min chart to find this pattern and also use this time frame 15min for moving averages Hull9 cross EMA9 in same direction with any pattern of closed candles in any timeframe after the crossing point to exit the trade.

Specific Entry Points:-

There is a matrix of entry patterns:-

1. First confirm the pattern of stacking / recurring in a 1 min timeframe. Before the point of entry one confirms that on a 1 min timeframe that these recurring patterns exist before the point of entry with Hull9 above EMA9 1 min time frame.
These patterns are 3WS, 3 Identical Crows, 4WS, 5WS, 6WS, R1, R12, R123 and 3BC, 4BC, 5BC, 6BC, D1, D12, D123. Any 2 combinations of these 1 minute patterns is sufficient to pass this test prior to the last moving average crossing in any order after 15min or 5min e.g 15/5/3/1 OR 5/3/1 min.
(See below DOUBLE CHECK Recurring 1 min Timeframe patterns) This avoids large candles.
<https://pastebin.com/36VXHjSz> - This is called TC Consecutive Candlestick BOT in TV.
2. Second then confirm the patterns across timeframes to enter into the trade 1min 2min 3min 15min RBRBR/DBDBD with Hull9 above EMA9 in all relevant timeframes -
<https://pastebin.com/uhZWmzB9> - This is called TF V14 R/D PUB 4 in TV.
See Combinations-MA OBMA spreadsheet with all details for the combinations that pass as an entry point.
3. The rule is that moving averages over ride candle stick formations. If a moving average crosses and just prior a closed candle combination has occurred you enter the trade and not wait for the next closed candle combination.

First the stop loss is confirm prior to entry been executed.

The overlap rule 2 is that the first closed candles combinations among all 3 patterns will enter into the trade. If it is the same time then use 3WC 1/3/5/15min as master setting.

See DBDBD EURMXN Entry Stop Loss Trigger Re Entry Exit.

Stop RBRBR/DBDBD

Use 1 min normally to move the stop losses.

Entry Stop the first candle of the 5 combination of RBRBR at the close of the first candle - the first candle of the 5 combination of DBDBD with closed of the 1st candle candle as the entry stop loss. The opposite applies for RBRBR. See DBDBD EURMXN Entry Stop Loss Trigger Re Entry Exit.

At point of entry need to go back in time in the 1 min chart to find the most recent RBRBR.

With a TF1 TF2 entry point.

1. Moving stop 1 after one pattern of RBRBR/DBDBD in 1 minute timeframe in the same direction move stop loss from Entry Stop to Entry price if the stop price (which is the close of the first candle out of the 5) is higher (RBRBR) / lower (DBDBD) than the last stop loss.

The pattern triggers to moving the stop loss only if the Hull9 above the EMA9 on all timeframe 15min / 3min / 2min / 1min AND the price has increased for RBRBR.

The pattern triggers to moving the stop loss only if the Hull9 below the EMA9 on all timeframes 15min / 3min / 2min / 1min AND the price has decreased for DBDBD.

2. Moving stop 2 after one pattern of RBRBR/DBDBD in 1 minute timeframe in the same direction move stop loss from Moving stop 1 to close of 1st candle of the pattern if the stop is higher than the last stop loss

Specific Exit Points: -these are the exact rules to follow.

There is 3 exit points detailed below.

First the entry timeframe rule above for RBRBR/DBDBD would indicate which 15/3/2/1 minutes used to exit the trade.

If 15min time frame is used then I would test that the 10min to confirm if the Hull9 has not crossed or touched EMA20.

If the 10 minute timeframe has had EMA9 cross or touch EMA20 we would use the 10min timeframe for exiting the trade with the moving average crossing and with first closed candle of an individual pattern (3WS / 3BC/RBRBR/DBDBD) or 3WS/3BC 1/3/5/15min and 3WS/3BC 1/2/4/15min of closed candles.

Second point is that the moving averages first cross then any pattern on any time frame that closes first triggers the exit

Exit 1 - Moving averages with Pattern - MA Hull9 Ema9 crossed then a reversal pattern followed by moving average crossing and with an individual pattern (3WS / 3BC/RBRBR/DBDBD) or any combinations of 3WS/3BC 1/3/5/15min and 3WS/3BC 1/2/4/15min of closed candles. Which ever pattern has the closed candle first then exit the trade after the moving averages have crossed - if a 1 min pattern closes the candle first this trigger the exit.

Exit 2 exit if price matches Moving Stop 2 OR Moving Stop 1 then AUTO EXIT ASAP. Note use 1 min closed candles asap regardless of moving averages.

Normally used for long wicks and if price is below the Moving stop 2 but that stop has not activated with a market order to exit the position.

Exit 3 - Master over ride Exit Rule is a fail safe to stop loss to protect the capital base and assumes there is no Moving stop 3 in place then Moving Stop 2 OR Moving Stop 1 and entry price will be triggered asap regardless of moving averages.

RE ENTER THE TRADE:-

First DOUBLE CHECK Recurring 1 min Timeframe patterns
3WS/3BC/RBRBR/DBDBD individual recurring patterns

<https://pastebin.com/36VXHjSz> - This is called TC Consecutive Candlestick BOT in TV. T

These patterns are 3WS, 3 Identical Crows, 4WS, 5WS, 6WS, R1, R12, R123 and 3BC, 4BC.

5BC, 6BC, D1, D12, D123. Any 2 combinations of these 1 minute patterns is sufficient to pass this test prior to the last moving average crossing in any order after 15min or 5min e.g 15/5/3/1 OR 5/3/1 min.

This shows small combination of candles and avoids large candles.

Second if 15/3/2/1 was the moving average one used then the 15min Hull9 is still above the EMA20 and 3/2/1 all have Hull9 cross EMA20 and entry pattern reappears then you can re enter the trade with a stop and exit again. This applies to all other MA combinations - 30/15/3/2/1, 45/30/15/3/3/1 and so on moving in the same direction. (See Combinations-MA OBMA spreadsheet with all details.)

See below for Stops and exiting the trade.

HIGHER TIME FRAME GREATER THAN 1hr - COUNTER TREND TRADE

If you enter in on 1/2/3/15 RBRBR/DBDBD pattern a counter trade can happen **only with 3WS** 15min/5min/3min/1min (TF4/TF3/TF2/TF1) pattern.

On 1hr/90min/2hr timeframes Hull9 cross EMA9 have already crossed down and maintained a downward trend. See CADHKD Re enter trade and counter trend trading.

First DOUBLE CHECK Recurring 1 min Timeframe patterns as above.

Then on a smaller time frame 15min/5min/3min/1min all moving averages moving in the opposite direction when compared to 1hr/90min/2hr moving averages upwards for example with only 3WS 15min/5min/3min/1min (TF4/TF3/TF2/TF1) pattern going upwards.

This is that the only counter trend that one entered into ONLY with this patterns on all 4 timeframes 15min/5min/3min/1min and Hull9 never touching EMA9 at any stage.