

Current requirements for changes to **Correlator© EA**

A pre-emptive approach to understand logic of existing EA by reading "Requirements & Specifications" doc used to create existing EA. Then reading "Current Requirements for changes to Correlator© EA doc" that specifies 15 tasks required to fix and add to current MT5 EA code. You must be a world class professional programmer able to honour deadlines. You must present your understanding of this job via shared screen (within 3 days of being awarded it) on skype and be available to present each task as done correctly and to speak as required and send screen shot videos as necessary. If developer can't, the project will be withdrawn from that developer with them being responsible for 10% fee MQL charge. It's a requirement to check your own work against logic (against original Requirements & Specifications for understanding code and Current Requirements) and to ensure it's bug free before any submission. Each submission must be accompanied by developer notes of what has been done (checked, confirmed, correctly). The goal is to have EA operational without bugs, functioning from 1 file, presented in 1 file (ex5, mq5) for ease for end user. If the below is acceptable and you can deliver according to Current Requirements terms and tasks; I welcome your offer and progress.

Price is for each completed task which means it includes full thorough testing (with proof of each bug/job done with video demo) by developer and correct bug free completion of this. Executing enclosed deems the developers acceptance of terms. Ensuring no new bugs and that EA is light in terms of PC resource usage. If ALL 15 tasks completed correctly with evidence provided by developer. Project pay is \$700. Otherwise price deductions to be made for incomplete tasks. Where text in this document has not been specific enough in detail and developer makes wrong assumption of requirement which makes the EA trade in an unintended manner. Then it is developers responsibility to make the correction as part of this job and it's price.

Project on basis that you can have "Private Use". But not for re creation (including re distribution, resale as EA, signals or code). All the exclusive creation, idea, copy rights to the ordered software assigned to the customer (personally and in reflected commercial entity i.e TechMoney Ltd). So no reference to developer and their contact details made on EA or in it's source code. It best to do the tasks in the order they are numbered.

PAYMENT: After accurate complete ex5 EA file submitted for tasks, the payment aggregate for those tasks will be released 14 days later, then developer releases code (MQ5 file). This is in case of bugs missed by developer!? They will need correcting and re submission of ex5 file, which means 14 days wait starts over (and continues to restart after every submission, until no bugs reported for period of 14 days.

Job is negated (no pay) if developer submits with new unsolved bug!

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Changes to this doc compared to last:

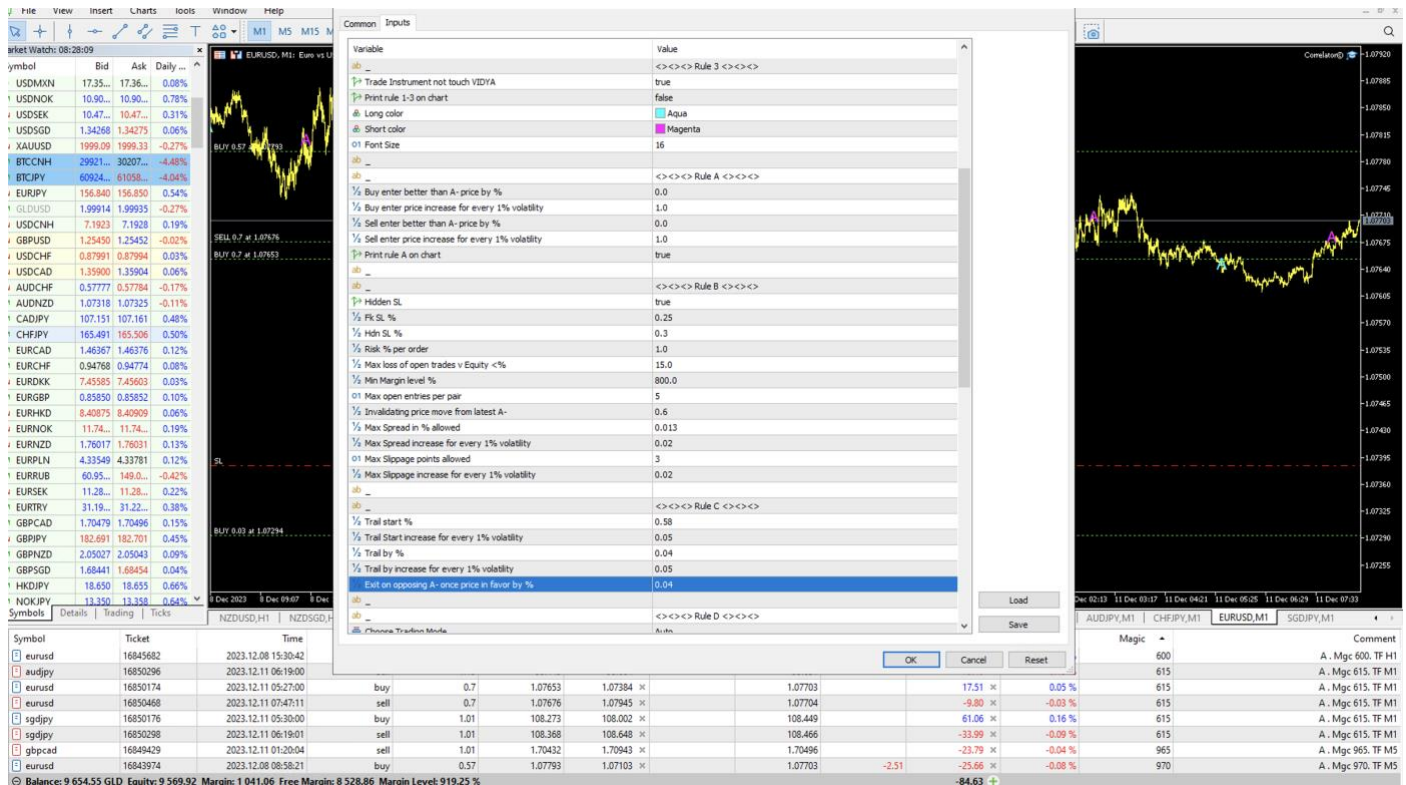
-Changed task pricing.

-Please provide specific release notes with any release of the EA so we track what is new compared to last version. Thanks.

Changes to previous doc:

Issues for new v13:

- 1) Variable highlighted sometimes not working. Look up in Requirements specs and code and fix so EA close trades correctly. I can supply Magic 615 settings on request.



Price \$30.

- 2) **Create new Variable** "Close all profitable trades if acc is losing that month". True/False. If on last day of each month the trade results on account are unprofitable (take into account commission and SWAP costs) since 1st day of that month; EA must close all open profitable trades.
How to measure: Use EA in auto mode on any setting, any instrument, any of listed brokers ensuring it this new variable works. Price \$30.

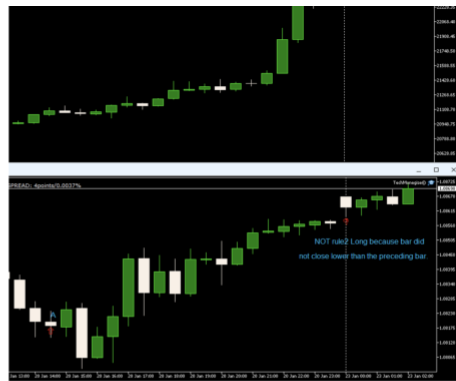
- 3) **Account balance blowing due to volume/risk calculation error:**
 "XXII) Ensure/test/show EA works on FXOpen and the list of following 10 broker <https://tradersunion.com/interesting-articles/top-10-best-forex-brokers-in-the-world/> on MT5, 4/5 digit quotes, on all account types e.g ECN, trading all on all spot (not futures) markets listed including FX, Stocks, Indices, Crypto, Metals and Commodities. Must work (in terms of risk/volume calculations and executions) on following account base currencies Bitcoin (BIT), USD, EURO, GBP, AUD, CAD, GOLD. TechMonegise© EA does all this except the latter 3 account base currencies."
 This is not honoured because on EA placing trade for Nasdaq 100, volume calculation is wrong, opens larger than that allowed in the value for variable (Risk %) and breaches ALL the safety variables in the EA such as "Margin Level %" and "Max loss of open trades vs equity < %". This is critical and almost blows acc for Bitcoin BIT base acc with FX Choice. Perhaps there are other such errors across other markets/brokers/base currencies. So lost confidence and not using EA.

The Original Requirements and Specifications Doc highlighted:

XX1) Ensure/test/show EA works on FX Choice and the list of following 10 broker <https://tradersunion.com/interesting-articles/top-10-best-forex-brokers-in-the-world/> on MT5, 4/5 digit quotes, on all account types e.g ECN, trading all on all spot (not futures) markets listed including FX, Stocks, Indices, Crypto, Metals and Commodities. Must work (in terms of risk/volume calculations and executions) on following account base currencies Bitcoin (BIT), USD, EURO, GBP, AUD, CAD, GOLD. TechMoney© EA does all this except the latter 3 account base currencies.

Changes to this doc compared to last:

Changes to previous doc:



The broker times of the bars must correspond to be same as those being compared to from Variable: "Loading Instrument". The TF (between M5-H1) is determined by that selected on the chart the EA is running on for the Variable: "Trade Instrument". So in other words the comparison of rule 1 to rule 2 TF is determined by that selected in the chart on rule 2. The TF's compared and periods must always be same! So if one market is closed (for the whole bar period) but the other open, no comparison is made for that duration!

2

Rule B states:

"Make Variable **"Hdn SL%": 0.45%**. This executes at market so hidden from broker. Variable **"Fk SL": 0.5%**. So this is a fixed fake SL simultaneously shown in order when opened. When exit occurs with this Variable **"SL"** appears in comment. This value must always be greater than that of Variable **"Hdn SL%"**. SL price calculated from each entry price. Make Variable **"Hdn SL": True/False**. Risk size of entry should be 1% of free equity; use SL distance and Bb and Bc variable values to Calculate. Variable **"Risk % per order:" 1%**. Prevent new entries if B still valid but at least one of below occur (but resume if they don't occur):

Ba. If opposing A- after Long A-, E-, F- and before entry, then entry is invalidated.

Bb. If new trades takes sum loss of account (Hdn SL, not trailing) of total open trades + trade trying to be opened over 15% value with Variable **"Max loss of open trades v bal <%" : 15**.

Bc. No new trades if new trades takes sum loss of account base currency (Hdn SL, not trailing) of total open trades + trade trying to be opened goes below Margin Level 600%. Make Variable **"Min Margin level %": 600**. This dynamic value is seen on the MT4 platform.

Bd. Have Variable **"Max open entries per pair": 5**. For both directions on all magic numbers on acc.

Be. Variables in B must be on whole acc. No exceptions to this rule. Regardless of Magic number or EA used.

Bf. Variable **"Invalidating price move % from latest A-":** The percent price move in favour of signal which will then invalidate it.

Bg. **"Max Spread % allowed":**

Bh. **"Max Slippage points allowed":**

Entry then attempted every new M1 bar in case of a failed entry, regardless of the Time Frame that the EA is put on. Messages in experts tab in platform print stating the first (only) of the Ba-Bh reasons that prevented entry. It only needs to be printed once in messages."

The very source code I provided developer to extract from my previous EA does NOT allow breaches of values for the 3 account protective variables and certainly does NOT enter account blowing volumes as a result. So having provided that proven to work code, how is it those variables are not working as intended on the EA this developer created? As shown in evidence provided to developer and that he also confessed he could see at his end when he tested. The volume on such trades breached the 3 said variables and were NOT 1% Risk as defined in that variable!

As of 16 May 2023, the following evidence provided:

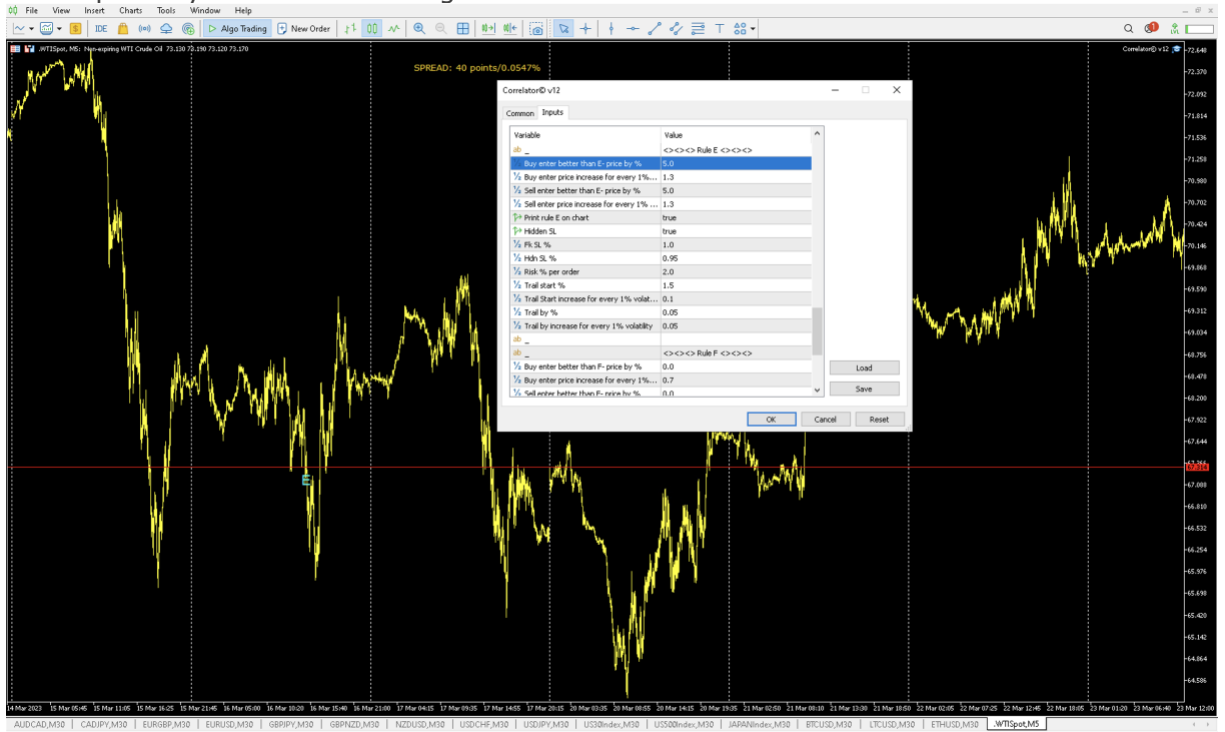
Critically item 1 from remaining work doc still needs fix. In particular Bc from original "Requirements & Specifications" doc. Video evidence to follow show how breach of variable "Min Margin level %" value is still NOT preventing entries where opening that trade would breach the specified value %! The EA MUST BE FIXED. This is critical otherwise it blows the account or it triggers margin call and auto closure of open trades by broker! That is why video evidence of Item 1 is critical. It is in the "Requirements & Specifications" doc and remains pending! <https://we.tl/t-6xZbFEqo8n> (expires by 1 June 2023). Attached is the preset. But any settings can be used !

How to measure: Run EA with any settings. Test/show EA works on FXOpen and the list of following 10 broker <https://tradersunion.com/interesting-articles/top-10-best-forex-brokers-in-the-world/> on MT5, 4/5 digit quotes, on all account types e.g ECN, trading all on all spot (not futures) markets listed including FX, Stocks, Indices, Crypto, Metals and Commodities. Must work (in terms of risk/volume calculations and executions) on following account base currencies Bitcoin (BIT), USD, EURO, GBP, AUD, CAD, GOLD. Show values for Variables: "Risk %", "Margin Level %" and "Max loss of open trades vs equity <%" are NOT breached after a trade is opened. Opening a trade must NOT breach those values. If were to than the variable did not do it's job in preventing the entry! Price: \$100.

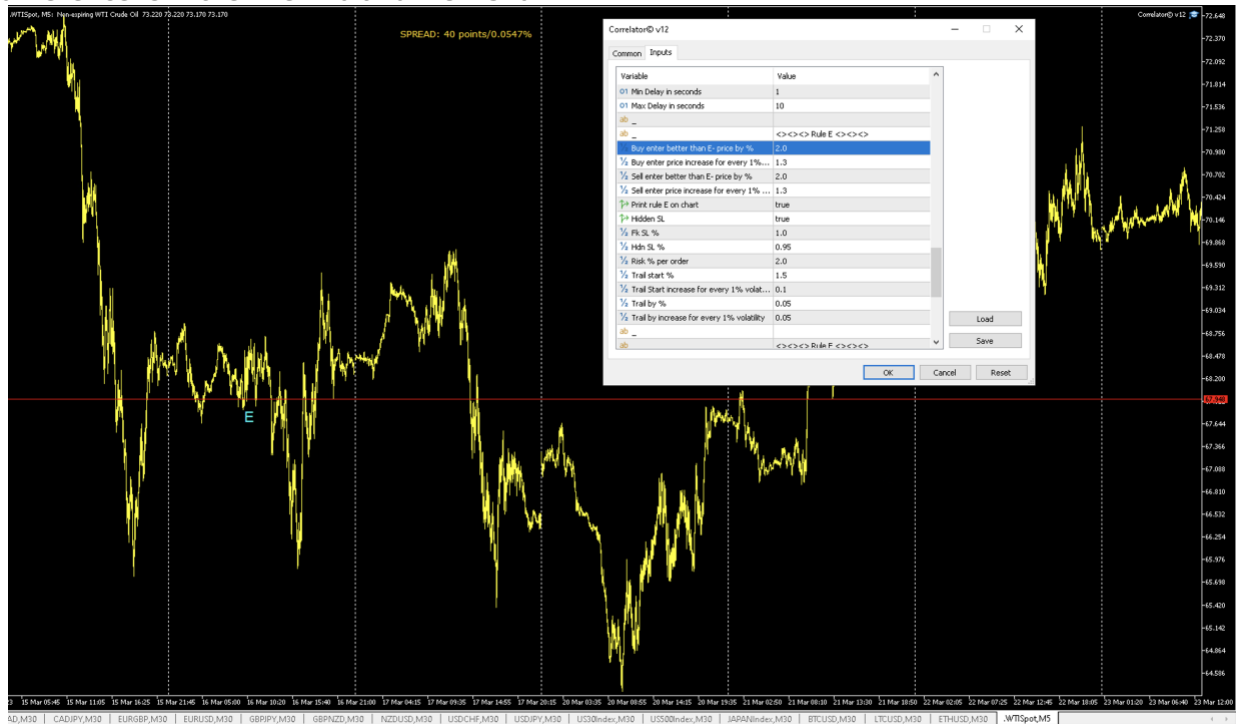
- 4) **The EA not placing trades on stocks**, try and see error. It must do so respecting correct management as explained above.

How to measure: Run EA with settings to be provided on request, see if it places trades on stocks without error message, make sure it does so on "User Decides" mode too! Price \$90.

- 5) **Rule E seems strategically to be inaccurate in terms of probability of success**, compared to A which should be less accurate than E. On closer inspection I discovered variable "Enter Better than E- price by%" is NOT working as it must. Below value is 5%.



Below, that value is at 2%, so the difference of the value compared to above is 3%. Yet the price difference is more like 1% and NOT 3% !!!???

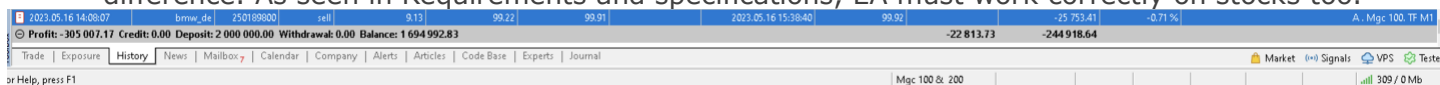


Confirm it has been corrected for A and F if it exists there too?

Also see E bug video from 12.10.23. Where E price is at a price that price bar was NOT!

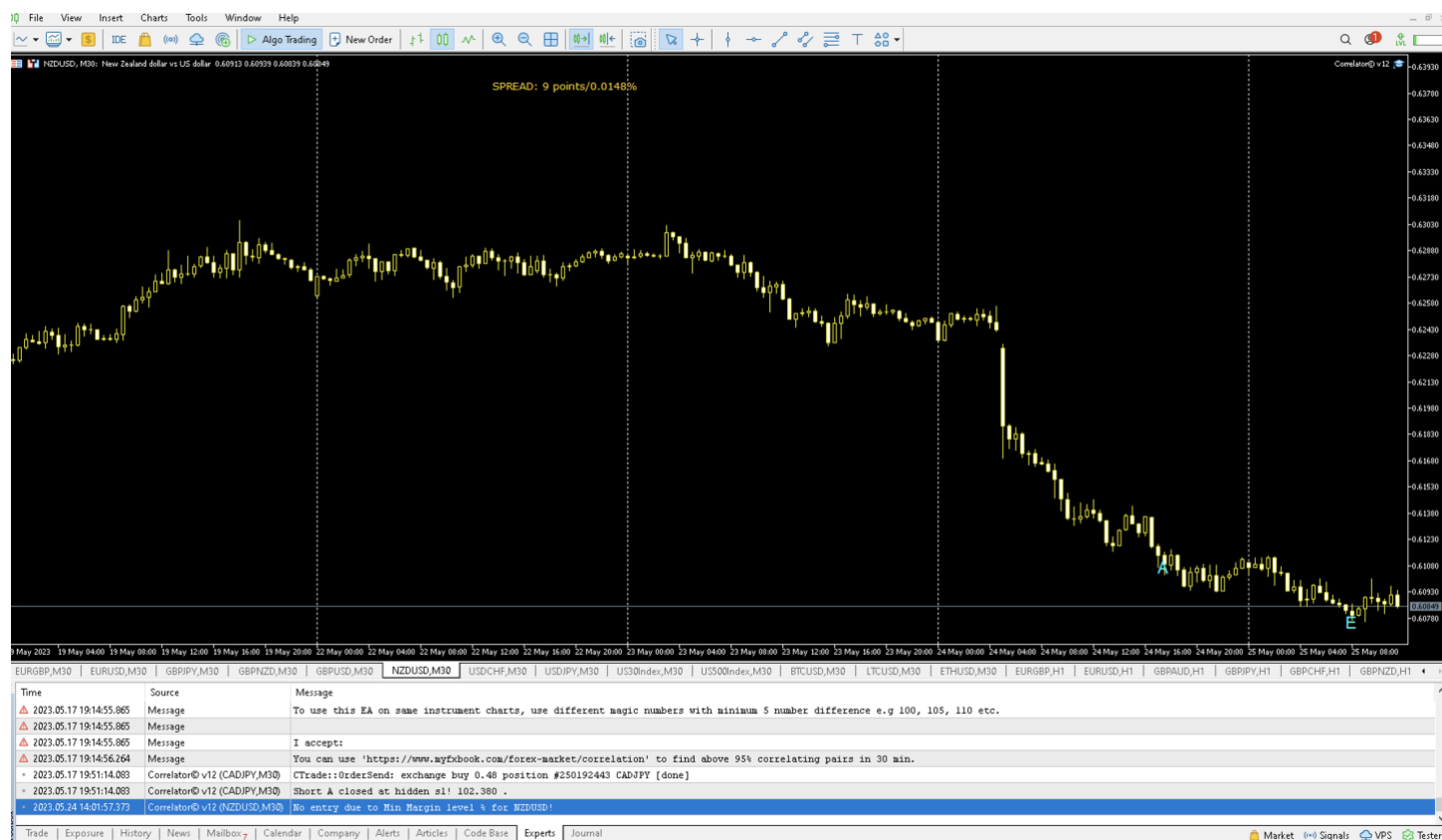
How to measure: For "Enter Better than E- price by%" measure in % from E to E- to see, try different scenarios. It must be same as that value. Price \$30.

- 6) **Lossed amount on exit can be larger than it should have been (Risky).** This trade was entered into using value "User decides each trade" using the preset sent on MQL on 16.5.23. Even there it stated risked amount is 17,000 as preset states 1% value. There was only a 0.05% difference in values between Hdn SL and Fake SL. Yet exit loss was 25,753. Too large of a difference. As seen in Requirements and specifications, EA must work correctly on stocks too.



How to measure: Select "User decides each trade" value, using any preset on any stock, see the risked amount on next pop up, place the trade, then move SL to Hdn SL price by dragging dotted red line. Then hover over it and see if amount risked is same as amount stated as risked on trade place pop up. Price \$40.

- 7) **No entry must always state the reason in messages.** The message you see below is for A. But E occurred on the 25th May. Yet no entry was made for it nor any reason that no entry was made. Rule B states reason in B that prevent an entry must be stated in Messages! You can reproduce on any preset. E occurred while running live.



Rule B states:

"Make Variable **"Hdn SL%": 0.45%**. This executes at market so hidden from broker. Variable **"Fk SL": 0.5%**. So this is a fixed fake SL simultaneously shown in order when opened. When exit occurs with this Variable **"SL" appears in comment**. This value must always be greater than that of Variable **"Hdn SL%"**. SL price calculated from each entry price. Make Variable **"Hdn SL": True/False**. Risk size of entry should be 1% of free equity; use SL distance and Bb and Bc variable values to Calculate. Variable **"Risk % per order": 1%**. Prevent new entries if B still valid but at least one of below occur (but resume if they don't occur):

Ba. If opposing A- after Long A-, E-, F- and before entry, then entry is invalidated.

Bb. If new trades takes sum loss of account (Hdn SL, not trailing) of total open trades + trade trying to be opened over 15% value with Variable **"Max loss of open trades v bal <%"**: 15.

Bc. No new trades if new trades takes sum loss of account base currency (Hdn SL, not trailing) of total open trades + trade trying to be opened goes below Margin Level 600%. Make Variable **"Min Margin level %": 600**. This dynamic value is seen on the MT4 platform.

Bd. Have Variable **"Max open entries per pair": 5**. For both directions on all magic numbers on acc.

Be. Variables in B must be on whole acc. No exceptions to this rule. Regardless of Magic number or EA used.

Bf. Variable **"Invalidating price move % from latest A-":** The percent price move in favour of signal which will then invalidate it.

Bg. **"Max Spread % allowed":**

Bh. **"Max Slippage points allowed":**

Entry then attempted every new M1 bar in case of a failed entry, regardless of the Time Frame that the EA is put on. Messages in experts tab in platform print stating the first (only) of the Ba-Bh reasons that prevented entry. It only needs to be printed once in messages."

How to measure: Use EA in auto mode on any setting, any instrument, any broker and you will see when it is NOT placing E and F trades, no messages print any reason as to why these trades are not always being placed!? Requirements states reason must be printed. Price \$40.

- 8) **F should state "Live" on such signals in hover over info messages, and have same content info/format as it does for A and E.** Also No entries without reasons in B stated. You can download video before 1st June here. Occurred on more than one instrument, not just Silver. This may have been fixed.

How to measure: Use EA in auto mode on any setting. Allow for an F signal to appear live in real running. Hover over F and you will see message box appear. If you read the info you will see it is Not consistent in format compared to same for A and E. Price \$20.

- 9) **Check if variable: "Spread Max %" is functioning/calculated correctly.** Seeing it prevent entry too often when max is set to 0.05% and ECN spread is more like 0.003%. Also must re attempt entry as long as all entry rules still not breached. I believe it is NOT currently re attempting entry. If not already doing, make it so.

How to measure: Use EA in auto mode on any setting, any instrument, any of listed brokers adjust max spread allowed e.g to 1 for stocks and see in messages if it prevents entry. Price \$20.

- 10) **Each of A, E, F to have their own Variable: "Min Margin level %": 800.** A already has. See calculation in Bc.

How to measure: Use EA in auto mode on any setting, any instrument, any of listed brokers adjust the value and see if it does it's job, ensuring no breach of value as described in original specs. Price \$70.

- 11) **Allow variable "Lead Instrument" value to have up to 5 instruments entered into it to be analyzed simultaneously Vs "Trade Instrument".** Optimize history to load faster if possible considering this new resource requirement. So the new Rule 1 will be defined as:

When variable **"Lead Instrument": BTCUSD**. The EA must accept any instrument entered in this value as far as written in same way it is listed by broker. The value can be entered with a space between each. Up to 5 Lead Instrument can be entered into the value with a space between each. The EA must treat them ALL as one instrument even for opposing signals that on v9 occur on analysis of 1 Lead Instrument. Both rule 1 and A-, E-, F- and A-F must aggregate ALL instrument in

this value. So if ALL (meaning each individually) entered instruments in this value meet criteria in rule 1, then there can be progress to rule 2.

Make Variable "Lead Instrument not touch VIDYA": **True/False**. So if True is selected, none of those price bars analysed on the "Lead Instrument" must touch the standard MT5 Indicator "Variable Index Dynamic Average" level. So their *lows* must be *above* VIDYA level throughout the bar duration.

On "Lead Instrument" going back 2 (as set in value) consecutive price bars (variable "Last no. of bars analysed": 2), *price* must have closed *higher* than open for each of the number of bars specified. Each bar must close *higher* than it's preceding one. The times of the bars must correspond to be same as those being compared to from variable "Trade Instrument" (defined in rule 2). The TF is determined by that selected on the chart the EA is running on for the trailing instrument/chart which is to be known as variable "Trade Instrument". So if one market is closed (for the whole bar period) but the other open, no comparison is made for that duration!

How to measure: Use EA in auto mode on any setting, any instrument, any of listed brokers adjust the value with new instruments and see if it does it's job, ensuring opposing A- to F- are also defined in same new way. Price \$90.

- 12) **A, E, F must print on chart at price they occur.** Currently print at high of bar on shorts and on low of bar on Longs.

How to measure: Use EA in auto mode on any setting, any instrument, any of listed brokers ensuring it prints at price it occurs, for Indicator mode too. Price \$40.

- 13) **Create new Variable "Close all A profitable trades when E occurs". True/False.** This must only occur if E can't be entered into because of Bb or Bc. This is so that risk tolerance is obliged and sufficient margin becomes available to facilitate entry for this higher probability trade.

How to measure: Use EA in auto mode on any setting, any instrument, any of listed brokers ensuring this new variable works. Price \$30.

- 14) **Create new Variable "Close all A & E profitable trades when F occurs". True/False.** Must only occur if F can't be entered into because of Bb or Bc. This is so that risk tolerance is obliged and sufficient margin becomes available to facilitate entry for this higher probability trade.

How to measure: Use EA in auto mode on any setting, any instrument, any of listed brokers ensuring this new variable works. Price \$30.

- 15) **Repainting signals some times for A, E, F.**

In about 10% of cases signals "change" from those that appeared during live running. Each of the rules occurrence are illustrated/stated in chart/journal markings. Historic Rule signals display on chart and MUST NOT REPAINT. Signals appearing during Live running of EA must also appear once EA initialised therefore making signals Historic. Fix so same.

How to measure: Run EA live in auto mode on any setting (but Mgc 615 that can be supplied on request as will produce a lot of signals), any instrument, any of listed brokers for about 24 hrs to see about 20 signals. Then screen shot, then re initialise EA (e.g by change of TF and back or platform re start. Then compare those signals as historic compared to screen shot of ones that appeared during live. Running of EA. Price \$60.