

Requirement for new features and fixing Errors for Correlator© v2.5

2.2.25

A pre-emptive approach to understand logic before coding executing requirements. 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, after completion of first job on MQL5) on skype and be available to present each rule 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 If developer can't, the project will be withdrawn from that developer. No bug/errors must be present, however any errors/bugs will be reported and MUST BE FIXED AS PART OF PRICE OF THIS JOB. It's a requirement to check your own work against logic 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 this doc; I welcome your progress. The below Rules in requirements are divided in Long side entry as numerical rules and Money Management as lettered rules. Then same for Short side entry defined separately in this document.

***Price is for completed EA which means it includes full thorough testing (as defined in note XI, with proof of each bug/job done, not showing code, but showing feature working on real time live market where possible, from user perspective with video or call containing audio commentary demo) by developer and correct bug free completion of this.**

Executing enclosed deems the developers acceptance of terms. Respectfully; no complaining after starting about code or pay because developer has code, strategy, and terms before starting. Don't take job if you are going to ask for more money for already defined work or not going to honour. Ensure no new bugs or unintended consequences (otherwise developer responsible for fixing those at no extra pay) and that EA is light in terms of PC resource usage. If there are bugs undefined already existing and necessary to fix in the course of doing tasks, there is no extra pay for those because they are a means to completing the tasks. *Project pay is:*

\$500 Total for:

- Rule F&G (https://youtu.be/IBQbi_ew1ME) to be incorporated to Correlator EA current structure correctly without conflicts or errors.
- F&G must comply with variable "Reverse B- to E-" AND "Enter B to E with trend".
- Update variable name above to "B- to G".
- Signals must print on chart, appear in "User decides each trade" and "Indicator" values.
- Current Magic number trade assignment sequence to continue. So 5th number for F and 6th for G.
- Complimenting messages must print in Messages tab and comment.
- EA must show historic F&G (as it currently shows other rules) and they must appear in Strategy Tester back tests.
- Fix existing bug 1 listed at bottom of doc.

If there are bugs arising from this job, they are necessary to fix in the course of doing this job, there is no extra pay for those but they MUST be fixed at developers cost to complete EA correctly and error free. Otherwise the whole job could be deemed incomplete and total payment for this whole job only released when listed done errors/bugs and new arising errors/bugs are fully fixed!

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; It will be developers responsibility to make the correction as part of this job and it's price.

Scope of Work Agreement:

Additional Requests: If new variables, values, or features are requested that are not part of the original work specified and priced, the developer can provide a new price for these additions and await client approval before proceeding.

If the developer proposes a better way of achieving the goals of the originally specified, quoted, or agreed-upon variables, values, or features before coding them, this is not considered an Additional Request. This initiative is welcomed and is a necessary part of the overall job process.

Developer Oversight: If there is an oversight by the developer regarding the amount of work necessary, a programmatic limitation, or a limitation of brokers (specified in note XI) or MT5 that affects the delivery of the originally specified requirements, the developer will bear the cost of any changes needed to meet the original goals. This ensures that the original price of the job quote remains the same for the requirements agreed upon before the start of the job. E.g SWAP issue experienced on last job qualifies as developer oversight.

This ensures that any additional work is clearly communicated and approved by the client, while also holding the developer accountable for any miscalculations or limitations that arise during the project.

Additional Research: If additional research is required by the developer to fully understand the implementation of a feature, the time spent on this research must be included in the feature's quote.

WORK PROCESS: Complete Requirements & Specifications document and have it verified. Start coding and present video or live call with shared screen video of each rule functioning as specified in this doc. Once verified follow same process for next rule/error.

PAYMENT: No deposit for the job. Once the initial complete and functional EX5 EA file is submitted, the client has a 7-day testing period to review and report any errors. Any identified errors will be classified by the developer into one of the following categories:

Visual Errors (No Repercussions): Errors that do not affect the logic or other visual functionalities of the EA. These will require a maximum of 1 hour to verify and correct.

Visual Errors (With Repercussions): Errors that do not affect the logic but impact other visual functionalities. These will require an additional 1 day for verification.

Logic Errors (No Repercussions): Errors that affect the EA's logic but do not impact other functionalities. These will require an additional 3-4 days to verify, depending on the frequency with which the affected functionality can be tested.

Logic Errors (With Repercussions): Errors that affect both the logic and other functionalities of the EA. These will extend the testing period by 7 days.

The error classification and the time needed to verify the fix will be determined solely by the developer. If an error is reported and fixed, the time required to verify the fix will be added to the remaining test period, rather than restarting the full 7-day test period. If, for example, a logic error with no repercussions is reported on the 6th day of testing, the client will have an additional 3-4 days added from the original end date (which would have been the 7th day). This means the new deadline for testing that feature would be the 9th or 10th day, depending on the number of days required to verify the fix, without resetting the entire 7-day testing period.

Similarly, if a visual error with repercussions is found on the 9th day, and it requires 1 additional day to test, the final test day would remain the 10th day, maintaining the original schedule for that specific functionality.

If multiple features are requested as part of the same contract, each feature will be evaluated independently. If only one feature has an error, the test period will be modified only for that feature, provided the error does not affect the other features. In such cases, payment for working features cannot be withheld due to issues with other independent features.

The classification of errors, the determination of feature dependencies, and the repercussions of errors will be made solely by the developer. Client opinions or assumptions regarding these classifications will not be considered.

Once no errors are reported for the defined testing period, the developer will receive payment immediately for the features that have been tested and verified as error-free by the client. After the developer is paid in full, the MQ5 source code will be released to the client. Payment will be made via BTC, and the developer will issue an invoice upon request from the client.

Deadline: Complete accurate error/bug-free EX5 file after the 7-day client testing period. **Developer must submit the correct error-free EX5 file on (14/2/2025)** to meet the client's testing deadline. However, if a test period is extended due to errors, the new test period for each specific error will be determined based on the error type and will not reset the entire 7-day test period. **The client must complete testing by (21/2/2025)** for all features that pass without further errors.

If the client testing completion date (e.g, 21st Feb 2025) is missed because the 7-day or extended test period restarts due to major logic errors with repercussions, there will be a \$1 deduction per day (from 21st Feb 2025) from the total due.

Job is negated (no pay) if the developer submits with unsolved bugs related to independent features.

The developer retains "Private Use" rights but cannot recreate (including redistribution, resale as EA, signals, or code) the software. All exclusive creation, idea, and copyrights are assigned to the customer (TechMoney Ltd). There will be no reference to the developer or their contact details made on the EA or in its source code.

Project on basis that developer has "Private Use". But not for re creation (including re distribution,x 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 is best to do the tasks in the order they are numbered.

Payment to be made to developer via MQL5.

Important Note:

- I) After assignment of this project to developer. A voice speak through (not text) on skype by developer with shared screen as needed to explain in their own words each rule/strategy and their suggestions. If this is not possible they should provide written summary of ALL rules. After 1st job completed, developer must be available through live call/shared screen and be able to make shared screen shot vids. This should preempt any mis-

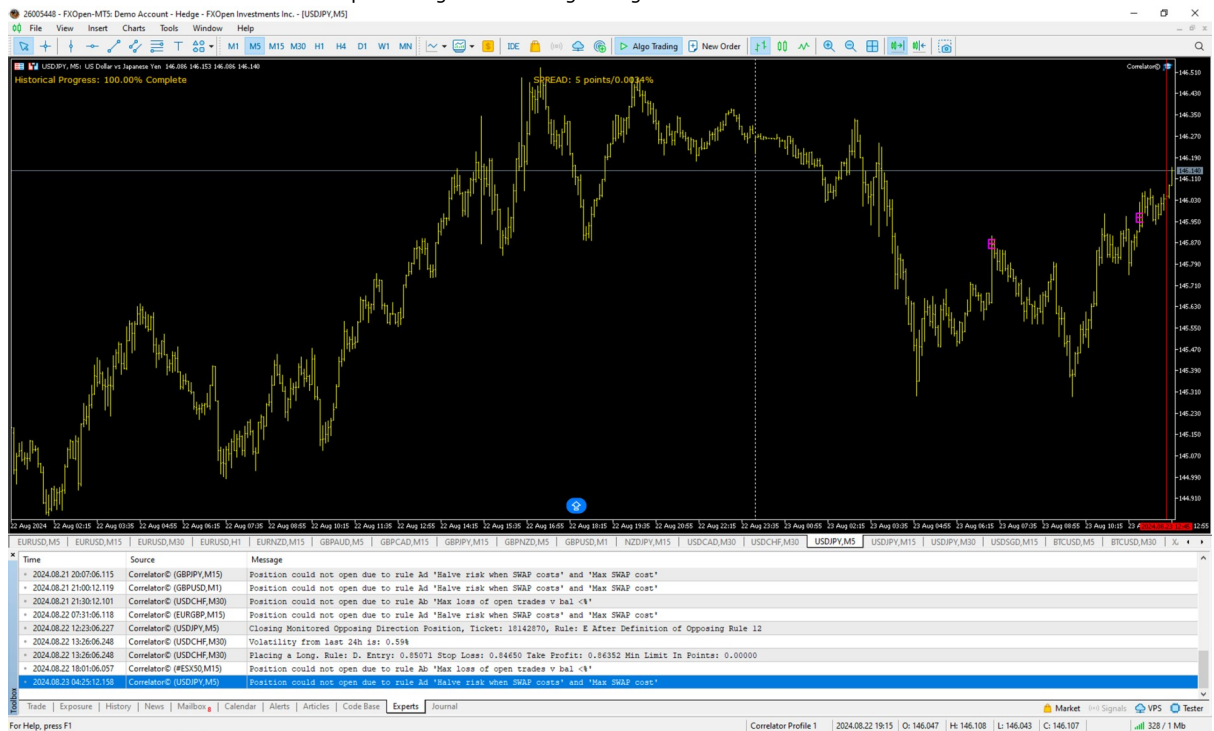
interpretation of the strategy rules and how they are programmed. Where text in this document has not been specific enough in detail and developer makes wrong assumption of requirement which makes the EA trade in an unintended manner. Then it is developers responsibility to make the correction as part of this job and it's price.

- II) Project on basis that developer 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.
- III) Structure EA so no data leak causing high RAM/CPU usage. Reduce resource use to minimum. Examples on the topic:
<https://www.google.com/search?q=mt4+mt5+memory+leak>
<https://www.mql5.com/en/forum/35962>
<https://www.mql5.com/en/forum/383008>
<https://www.mql5.com/en/forum/377574>
- V) EA should be designed to easily add more entry/indicator forming rules.
- VI) Each of the rules occurrence must be illustrated/stated in chart/journal markings. Historic Rule signals must be displayed on chart and MUST NOT REPAINT. Signals appearing during Live running of EA must also appear once EA initialised therefore making signals Historic. Only produce one file (an EA), the indicator is internal and it shows the historical of current time frame selected on chart.
- VII) Optimise to lighten resource of EA. Including indicators recoding for recalculating all. This is not a request for optimised strategy settings for each pair!

Misc:
- VIII) Note on platforms: mt5 is going to be a huge pain. I have found out few days ago why mt5 is so buggy, it has appeared that mt5 uses indicators asynchronously and in case of this ea imagine how big data leak may be.
- IX) Ensure ALL reference to EA in Logs and their file names, on mouse arrow hover over signal on chart, in code etc to "Correlator©".
- X) Fully test and debug EA. Use currently coded acc number licence system that is within source code to secure the .ex5 file so it can't be opened. This is noted as part of rule E.
- XI) EA must be operationally resilient so does not depend on external factors for it's functioning, e.g download on historic data for Look Back Days (with the need to load historic data, i.e if platform has no historic data downloaded, EA should just look from point ea was loaded!? Otherwise specify auto download of historic data task) or Summer Winter GMT offset with broker. Should work without manual intervention of user.
- XII) Any indicator used currently causing bug error must be fixed as part of the price agreed for this job.
- XIII) The goal of this job is to have EA functioning as intended without hanging, freezing, bugs. It must be reliably trust worthy to work on real acc. EA must be independent and operationally resilient, not relying on so many external factors and peculiar nuances. Developer must focus on this rather than amount of work or hrs put in.
- XIV) Use <https://www.myfxbook.com/forex-market/correlation> to find above 95% correlating pairs in 30 min. Use EURJPY and USDJPY as Lead Instruments and their respective correlators as Trade Instruments in EA.
- XV) Ensure/test/show EA works on this list of broker <https://tradersunion.com/interesting-articles/top-10-best-forex-brokers-in-the-world/> and FXOPEN.COM and coinexx.com on MT5, 4/5 digit quotes, on all account types e.g ECN, trading 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.
- XVI) Show that EA works on Strategy Tester placing both long and short entries.
- XVII) Any changes in the Variables of the EA, the developer is tasked with updating them accordingly in this document.

Correlator© nuances to note:

- 1) If the pc or laptop goes in sleep mode (not completely turned off, but like black screen) MT5 and EA pauses. Logic, definition of new rules 12, monitoring/placing/invalidation of potential positions, basically all the EA and any logic it executes gets paused. Therefore run MT5 and EA on VPS or Dedicated Server that is always running.
- 2) EA recognise the latest attempted entry e.g B to E as a new event and prints any exclusions in A. But if that event were to repeat on same magic number, instrument, direction, trade E and TF all being same the reason for trade invalidations in A would not be printed again in messages! E.g below



- 3) Be careful when installing indicators to charts that run Correlator© because they may delete objects provided by Correlator© which explain actions of the Correlator©. However such a clash would only be visual and not affect the logic of Correlator©.
- 4) Instructions to update ex5 description, navigate to the "project" folder, locate the ".mqproj" file in the folder and open it using the MetaQuotes IDE, once opened simply populate the description field with your desired one.

Global Settings for EA:

Variable "Lead Instruments": "BTCUSD"

Any symbol that is recognized by the broker used, default is set to "BTCUSD", for including multiple lead instruments. An example of what the variable would look like is "BTCUSD, ETHUSD", each symbol must be separated by ",". If the symbol/instrument that is typed in the field is not recognized by the broker due to a typo etc. Message will

print in the console saying "Symbols in Lead Instrument are wrong. Type exactly as written in Market Watch".

Variable "Trade Instrument": ""

Symbol/instrument that is recognized by the broker used. If not set, the EA will use the symbol of the chart it was applied to.

Variable "Last no. of bars analyzed": 3

It will define the number of same time bars (with same date/time stamps, no bars to be analysed when either market closed) to be analysed on the same TF on both lead and trade instruments. If set to 1, candle logic is excluded from the definition of rule 1 or 2.

Variable "Choose trading mode": Auto | Indicator | User decides each trade.

Auto - (EA works placing trades as already coded based on user entered values). Detailed "Disclaimer Warning" message appear with acceptance button before allowing EA to load.

Indicator - No trade executions, just alert that B, C, D, E occurred. Future arrow's of entry Hdn SL, TP Trail Start minus the Trail by value. However these must not show if "Open B Trade" and "Open C Trade" are set to false.

User decides each trade - In this last option it works same as auto, but user must click pop up button accompanied by sound alert to place order or decline it, the pop up must state it is either of rule B, C, D, E. It must be accompanied by the message currently in that rule pop up. Order must only place at or better than the target entry price and below/above Fk SI price if Short/Long. If all in either B, C, D, E qualifies, otherwise placement of trade is rejected with reasons in A stated in screen pop up. The purpose of this is in case of delay between time message appears and user clicks. The B, C, D, E must appear on the chart at the time it occurs. It must show the amount risked in account currency and the warning message to accept. However these must not show if "Open B Trade" and "Open C Trade" are set to false.

Variable "Comment": "". Field that user can fill in EA setting.

Hardcoded variable "Security licence expiry date": "Year/Month/Day". The admin of the EA will be able to define an expiry date for the EA within the source code.

Hardcoded variable "Security licence account numbers": "20500130, 2600352, 820262, 812219, 820274". A variable where the admin of the EA will be able to define different account numbers that the EA can work on. The admin of the EA will be able to define a expiry date for the EA within the source code.

Variable **Show historic signals: True/False**. If false only future signals will show on chart. If true then the signals going back 49000 M1 candles will be displayed on the chart.

Variable "DrawDown_Calc_Rndom_Delay": 5. Delay option to tackle race condition possibility of rule Bb, user can set it to 0 to disable the feature or set a number of seconds, this delay will be applied before calculating rule Ab and Ac.

Variable "Print Invalidating price move event on chart": True/False. This refers to "Invalidating price move % from latest B-" and is applied to B-, C-, D-, E-.

Variable "Close all profitable trades if acc is losing that month": "Day/Month, Day/Month". The calculations will use the account balance on start day of the month and the account equity for last day market open day of month (specified in value), and when the current day and hour will match the ones stated in the parameter, the EA will keep closing all open profitable trades until the day changes. It will take into account commission and SWAP costs.

Variable "I accept Popup Disclaimer Warning and Note. Don't show": true/false. If the variable is set to false, then during initialization a message will pop up prompting users to accept or decline the Risk warning. If the variable is set to false then this message won't show.

Variable "Magic Number": 615. This variable will define the magic numbers used for placing trades of type B, C and D. The initial number that the variable is initialised to will be used for trades B, that number +1 will be used for C and that number +2 will be used for D.

Variable "Show entry alert for indicator mode": true/false. If set to true, the user will receive an alert with the current trade setup that was found, with its entry, SL and TP. If set to false it won't send an alert.

Variable "Print rule 1-2 on chart": true/false. If set to true, will print on the chart "12" on the last candle where rule 1 and rule 2 are validated. If set to false, it will not print anything.

Variable "Long colour": Orange. Defines the colour of the "12" that will be printed on the chart for long setups.

Variable "Short colour": Magenta. Defines the colour of the "12" that will be printed on the chart for short setups.

Variable "Font Size": 16. Defines the font size used for printing Objects on the chart.

Variable "Reverse B- to E- entries": true/false. If set to true, it reverses the 12 rule. So a long 12 becomes a short and visa versa. That change occurs in the colour of the 12 displayed.

Variable "DEBUG MODE": true/false. When set to true, this mode will display detailed information directly on the top left hand corner of the chart, providing insights into the decision-making processes behind both Rule 1 and Rule 2. Specifically, it will show data related to the candlestick logic, VIDYA logic, FVG init logic, and the FVG logic applied to the H1 or 15m timeframes. Additionally, DEBUG MODE will trigger a pop-up whenever Rule 12 is defined, making it easier to compare strategy tester results with historical signals on the chart. Please note that while the pop-up pauses the strategy tester, it

does not respect the candle cooldown logic, which prevents the reuse of candles once Rule 12 is defined. **ONLY SET TO TRUE IN STRATEGY TESTER.**

Volatility definition:

Volatility is defined as: For the last 24hrs; It needs to calculate the high to the current price difference as a %. Then the low to the current price difference as a %. The greater % value is then used as the last 24 hrs volatility % threshold. E.g if current price is 100 and high of last 24 hrs is 105 (difference is 5%). If low of last 24 hrs is 90 (difference is 10%). Therefore 10% is the value used as the volatility for all variables using volatility to calculate in their formula. This value is dynamic and calculated with every price tick.

Rules and Variables whose values depend on above volatility calculation are marked with *. Volatility messages given if no other Check (Aa to Am) prevents entry.

LONG SIDE:

Rule 1: Lead Instrument Logic

For the long setup, the last number of bars analysed on the Lead Instrument must have closed higher than their open price and higher than the previous bar close. For that step to be valid, the instruments used (lead instruments and trade instrument) markets need to be open. If any instrument's market is closed, then we do not consider the setup.

Variable "Reverse Candle Logic": true/**false**.

If set to true, then the candle logic will be reversed, instead of candles closing higher than their open prices we will look for candles that close lower than their open prices.

Applied B to E.

Variable "Lead Instrument not touch VIDYA": true/false.

If set to true none of the price bars analysed on all the set Lead Instruments must touch the VIDYA meaning that their LOWS must be above VIDYA. If set to false, then it does not matter.

The last Fair_Value_Gap price bar on Lead Instrument in TF option selected in value must be bullish. Variable "Last FVG must compliment BCDE on": None of TF's, Meaning it is disabled. Initialised TF, Meaning the TF displayed on chart. Only H1, Meaning what ever Initialised TF chart display is, Variable calculates only for H1. Initialised TF & H1, Meaning what ever Initialised TF chart display is, Variable calculates for it and H1. If Initialised TF chart display is H1, Variable calculates for H1 and M15. Compliment means same direction i.e Long. It must be a Long green bar being last FVG in TF option selected in value before each rule 2 is identified. The FVG bars are displayed by that indicator supplied.

Variable "Print FVG bars on chart:"None of TF's. Initialised TF. Only H1. Initialised TF & H1.

If different than None of TF's, FVG bars of TF must be symbolised on chart. Else, they don't print on chart but will still be used to identify rule 1 if "Last FVG must compliment BCD": has a TF selected.

Rule 2: Trade Instrument Logic

Rule 2 logic for entries is only applied if rule 1 logic is met.

Going back X number of candles defined by "Last no. of bars analysed" value, all X candles on the Trade Instrument must close lower than their open price and previous

bar's close price (this is to be coupled with Rule 1 setup logic, meaning same bars on same TF). if set to 1, candle logic is excluded from the definition of rule 2.

Variable "Reverse Candle Logic": true/false.

If set to true, then the candle logic will be reversed, instead of candles closing lower than their open prices we will look for candles that close higher than their open prices. Applied B to E.

The timeframe used will be the timeframe of the chart the EA was initialised on.

Variable "Trade Instrument not touch VIDYA": true/false.

If set to true, then the highs of the analysed bars on the trade instrument must be lower than the VIDYA. If set to false, then it does not matter.

The last Fair_Value_Gap price bar on Trade Instrument in TF option selected in value must be bullish. Variable "Last FVG must complement B, C, D, E on": None of TF's, Meaning it is disabled. Initialised TF, Meaning the TF displayed on chart. Only H1, Meaning what ever Initialised TF chart display is, Variable calculates only for H1. Initialised TF & H1, Meaning what ever Initialised TF chart display is, Variable calculates for it and H1. If Initialised TF chart display is H1, Variable calculates for H1 and M15. Compliment means same direction i.e Long. It must be a Long green bar being last FVG in TF option selected in value before each rule 2 is identified. The FVG bars are displayed by that indicator supplied.

Variable "Print FVG bars on chart:"None of TF's. Initialised TF. Only H1. Initialised TF & H1.

If different than None of TF's, FVG bars of TF must be symbolised on chart. Else, they don't print on chart but will still be used to identify rule 1 if "Last FVG must compliment B, C, D, E": has a TF selected.

The open price of current running candles (after rule 1 and rule 2 is validated) is called B- or C-, D- (depending on where in the cycle we are).

Variable "Enter B to E with trend:" False | With Trend | With Trend & Confirmation. Only applies to Rule 2 "Trade Instrument". To be in "Rule 2".

"Enter B to E with trend": "With Trend" is applied at Trade placement (exactly where B to E would be placed in v2.0, but also applying the below to filter out entries).

B to E (regardless of the TF they occur) entries only made if the previous Heikin Ashi closed bullish (blue) in the daily candle TF.

"Enter B to E with trend": "With Trend & Confirmation" is applied at Trade placement (exactly where B to E would be placed in v2.0, but also applying the below to filter out entries).

B to E (regardless of the TF they occur) entries only made if the previous and current Heikin Ashi closed bullish (blue) in the daily candle TF.

False means EA trades without this trend filter being applied.



Rule A: Risk Management

Note that exceptions in A may prevent entries and therefore the printing of A to E since live running period of EA. This therefore means those same events may appear as printed entries in historic (anything before red vertical line i.e time before EA was loaded to chart) after EA initialised. This is because all in A (except Am) which will be stated as a message for preventing entry under "Expert" tab can't be identified in historic on the chart. The above scenario must not be misconstrued as repainting of signals!

Note that calculation examples given in A (e.g in Ag, Ah, Ai, Aj) are for the long side and should be calculated accordingly for the short side. Rule A prevents new entries (B, C, D, E) if one of those is still pending entry therefore valid, but at least one of below occur (but resume if they don't occur). Check:

Aa. If opposing B- after B-, C-, D-, E- but before entry (B, C, D, E price) then (B, C, D, E) entry is invalidated.

Ab. 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. The calculation MUST occur before the new trade is placed, NOT after. To ensure on open of this trade the value will not be breached. Must be on whole acc. No exceptions to this rule. Regardless of Magic number or EA used.

Ac. 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 MT5 platform. The calculation MUST occur before the new trade is placed, NOT after. To ensure on open of this trade the value will not be breached. Must be on whole acc. No exceptions to this rule. Regardless of Magic number or EA used. Location of this variable will be in respective B, C, D, E section.

Ad. Variable "Swap logic to use": Ignore SWAP | Ignore position that owe SWAP | Halve risk position that owe SWAP. When about to place a trade the EA should check if the trade would earn or pay SWAP for 1 night. In the case that the trade has to pay SWAP and "Swap logic to use" is set to "Halve risk position that owe SWAP" then EA must halve the risk defined in "Risk % per order". If the trade has to pay SWAP and "S logic to use" is set to "Ignore position that owe SWAP" then EA does not open the trade. If "Swap logic to use" is set to "Ignore SWAP" then SWAP will not be taken into account.

Ae. Variable "Close % of open trades value risked": 20. When activated, it will trigger a partial closure of all open trades across the account. The volume to be closed of each trade will correspond to the percentage set. After the partial closure takes place, the EA won't be able to place new trade for 1 hour.

Af. Variable "Invalidating price move % from latest B-, C-, D-, E-": The percent price move in favour of signal before hitting B, C, D which will then invalidate those entries. As long as there is no opposing B- before entry.

If set to 0, this variable is disabled. Meaning any price move (regardless of size) in favour of B-, C-, D-, E- will not invalidate entry. Variables will be subject to the variable "Invalidate single": true/false. When set to true it will only invalidate the position that reached its invalidating price, when set to false it will invalidate all the other same direction positions and reset the direction of that cycle.

Ag. "Max Spread % allowed": 0.01. So if price is 2.1000 then the max spread allowed for entry is 2.1 pips (21 points on 5 digit broker/instrument). The calculation is $0.0001 \times 2.1 = 0.00021$.

Ah. *Variable "Max Spread % increase for every 1% volatility": 0.02 %. This is relative to the default % value above variable. If e.g Volatility = 5.62%, formula is $(5.62\% - 1\%) \times 0.02\% = \text{New value of } 0.0924\%$. No increase if volatility at entry is below 1%.

Ai. Trading is disabled for 1 hour after the variable "Close % of open trades value risked" have been initiated. Sub rule Ai already exists as Ae.

Aj. Variable "No new entries from": 23 Dec 2023. Variable "No new entries to": 27 Dec 2023. Only closure (according to rules) of existing trades on account occurs between these low volume dates.

Ak. Variable "Safer weekend": No new, close all | No new, close profitable | False.
No new, close all. In this value no new trades should be opened on account from Fri 4pm GMT for rest of day, close all trades open on account when each in profit (by at least 0.10% after any cost of commission, spread and SWAP on trade) from 4pm GMT Fri, then close any unprofitable trades on account from Fri 8pm GMT.

No new, close profitable. In this value no new trades should be opened on account from Fri 6pm GMT for rest of day, close all trades open on account when each in profit (by at least 0.10% after any cost of commission, spread and SWAP on trade) from 7pm GMT Fri, allow unprofitable trades on account to trade as normal.

False. Safer weekend is off and EA trades same as any other time.

For strategy tester the user will have to manually define the offset between his broker's Marketwatch timezone and the GMT timezone in the variables "Broker Timezone Offset": -3, to get more accurate results. Example: if broker Marketwatch timezones is 8pm and GMT is 5pm then user must enter -3.

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

Am. If Variable "Open B trade": true/false. Or "Open C trade": true/false. Are set to false. These two variables only listed here for purpose of check. Location of this variable will be in respective B, C section.

An. "Broker Timezone Offset": -3: A manually defined number that will be used to determine the GMT time in strategy tester. Example: if broker Marketwatch is 8pm and GMT is 5pm then user must enter -3. For live trading that is done automatically.

Entry then attempts every new M1 bar in case of a failed entry (as long as the setup didn't get invalidated, and price is still either equal or better than B- by set/calculated %), regardless of the timeframe that the EA is put on. Messages in experts tab in platform print stating the first (only) of the Aa-An reasons that prevented entry stating the Mgc number and chart TF. It only needs to be printed once in messages.

Rule B: 1st Entry

When rule 1 setup, rule 2 setup according to their input values, the open of the current running candle on Trade Instrument will be defined as B-, C- or D- (depending on where we are in the cycle).

Variables/values in rule B exclusively apply to rule B, unless stated otherwise.

Variable "Buy enter better than B- price by %":50.

The role of this variable is to determine the entry price of trade for rule B.

Example: If B- occurred at price 1\$, and "Buy enter better than B- price by %" is set to 50 (meaning 50%) then when the price gets to 0.5\$ a Buy trade will be executed.

If in between the definition of B- and the price reaching entry price, an opposing B-setup is formed then this setup is invalidated. Invalidating scenarios listed in rule A.

Each Bar Analysed during rule 1–2 can only be used once to define setups.

*Variable "Buy enter price increase for every 1% volatility": 0.5. No increase if volatility at entry is below 1%. This one variable and value applies from B and is used to determine entry price of B.

That percentage will increase the variable "Buy enter better than B price by %" for every 1% of volatility (definition of volatility calculations will be invoked later).

Example: If the volatility defined is 10% (X), and the variable "Buy enter price increase for every 1% volatility" is set to 0.5% (Y) and the variable "Buy enter better than B- price by %" is set to 2% (Z). Then to calculate the actual entry price we would need to apply the following formula:

$Z = Z + ((X - 1) * Y)$. Or in other terms

"Buy enter better than B- price by %" = 2% + ((10-1) * 0.5%)+

"Buy enter better than B- price by %" = 6.5%.

No increase if volatility at entry is below 1% to "Buy enter better than B- price by %" value i.e it will remain at 2% if that is the set value.

Variable "Open B trade": true/false.

If set to true do not open new B trades. Already running B trades will still be monitored

and subject to "Exit on opposing B- once price in favor by %". If false, print in messages if B is prevented from entry. "No B entry allowed".

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 (B, C, D respectively). Make Variable "Hdn SL": True/False.

Variable "Risk % per order:" 1%. Risk size of entry should be 1% of free equity; use Fk SL distance, Ab and Ac variable values to Calculate volume to place entry at market.

Variable "Print rule B on chart": true/false. With B- and B prices shown in text box when hover over. If set to true, when the price reaches B long entry price, EA will print on the chart B at price it occurred, the printed text will also have a description that will show when hovered over.

Variable "Close all B profitable trades when C occurs". True/False. This must only occur if C can't be entered into because of Ab or Ac. This is so that risk tolerance is obliged and sufficient margin becomes available to facilitate entry for this higher probability trade.

Only close position if its current price is in favour by at least the value set in "Accommodate for C, D and E when in profit by %": 0.2.

Variable "Accommodate for C, D and E when in profit by %": 30. If a higher entry cannot be opened due to Rule Ab or Ac then check to close lower cycle trades if the price of the trade has moved in favour by at least the defined percentage.

Variable "Exit on opposing B- once price in favour by %": 0.4. If a long trade B, C, D, E is open and an opposing B- occurs, at the moment of definition, if a long open trade reaches the percentage set in favour, then EA must close the trade (repeat logic for each long that is open). If at the moment of definition of opposing B-, if opposing trades did not reach the percentage set in favour, then the EA will keep monitoring these positions and close them as soon as they do.

Example: Long trade was opened at 1\$, "Exit on opposing B- once price in favor by %" is set to 30%. Therefore if while the long trade is still open, opposing B- occurs at 1.25\$ then EA does not close the long trade, but if opposing B- defined at a price that is at least 1.3\$ then EA closes the long the trade.

Variable "Trail start by %": 0.3. This percentage defines the activation level of the trailing stop loss.

Variable "Trail by %": 0.15. It defines the distance by which the stop loss will trail the price (imaginary stop loss not actual stop loss placed with the trade).

Variable "Trail Start increase for every 1% volatility": 0.10 and "Trail By increase for every 1% volatility": 0.05. They work like the other "for every 1% volatility" variables. No increase if volatility at entry is below 1%.

Variable "Min Margin level %": 800.

Rule C: 2nd Entry

Cycle stage 2 for longs. Can only be reached if ALL above rules have been satisfied according to the input values and no opposing B- is found between the placement of the long B and the pending placement of this long C. Rule C- must be at a better price than rule B-. If not, then it will be classified as another rule B.

This rule will have its own variables such as "Buy better than C- price by %": 0.1, *"Buy enter price increase for every 1% volatility": 0.5. No increase if volatility at entry is below 1%. This one variable and value applies from C and is used to determine entry price of C. "Risk%": 2, "Fk SL%": 0.6, "Hdn SL%": 0.5, "Trail start%": 0.6, "Trail By%": 0.05, "Min Margin level %": 800. Exceptions to entry stated in Aa-Am apply to C!

Variable "Print rule C on chart": True/False. At price it occurred. With C- and C prices shown in text box when hover over.

Variable "Close all B & C profitable trades when D occurs". True/False. Must only occur if D can't be entered into because of Ab or Ac. This is so that risk tolerance is obliged and sufficient margin becomes available to facilitate entry for this higher probability trade. Only close position if its current price is in favour by at least the value set in "Accommodate for D and E when in profit by %".

Variable "Open C trade". True/False. Opposing C- must still remain active in closing existing trade, subject to variable "Exit on opposing B- once price in favour" value is reached. But must not open new C trade. Print in messages if C is prevented from entry and it's reason.

Messages in comments must be detailed stating this is a C trade and it's TF.

Rule D: 3rd Entry

Cycle stage 3 for longs. Can only be reached if ALL above rules have been satisfied according to the input values and if no opposing B- is found between the placement of the long C and the pending placement of this long D. Rule D- must be at a better price than rule C-. If not, then it will be classified as another rule C. And Rule D- must be at a better price than rule B-. If not, then it will be classified as another rule B.

This rule will have its own variables such as "Enter better than D- price by %": 0.1, *"Buy enter price increase for every 1% volatility": 0.5. No increase if volatility at entry is below 1%. This one variable and value applies from D and is used to determine entry price of D. "Risk%": 2, "Fk SL%": 0.6, "Hdn SL%": 0.5, "Trail start%": 0.6, "Trail By%": 0.05, "Min Margin level %": 800. Exceptions to entry stated in Aa-Am apply to D!

Variable "Close all B & C & D profitable trades when E occurs". True/False. Must only occur if E can't be entered into because of Ab or Ac. This is so that risk tolerance is obliged and sufficient margin becomes available to facilitate entry for this higher

probability trade. Only close position if its current price is in favour by at least the value set in "Accommodate for E when in profit by %".

Already open E trades will still be monitored and subject to "Exit on opposing B- once price in favour by %".

Variable "Print rule D on chart": True/False. At price it occurred. With D- and D prices shown in text box when hover over.

Messages in comments must be detailed stating this is a D trade and it's TF.

Rule E: Entry

When a cluster of "12 Quantity": 7, occur regardless of them being higher or lower than the previous and that they may be used to define B, C, D. Within "Quantity of bars 12's occur within": 10. As long as that cluster of 12's occur (uninterrupted by an opposing B-) within the consecutive number of bars specified in this value. When the above is satisfied it is called E-.

This rule will have its own variables such as "Enter better than E- price by %": 0.02, "Buy enter price increase for every 1% volatility": 0.05. No increase if volatility at entry is below 1%. This one variable and value applies from E and is used to determine entry price of E. "Risk%": 2, "Fk SL%": 0.6, "Hdn SL%": 0.5, "Trail start%": 1, "Trail By%": 0.05, "Min Margin level %": 800. Exceptions to entry stated in Aa-Am apply to E!

Variable "Print rule E on chart": True/False. At price it occurred. With E- and E prices shown in text box when hover over.

Already open E trades will still be monitored and subject to "Exit on opposing B- once price in favour by %".

Messages in comments must be detailed stating this is a E trade and it's TF.

Rule F: Entry

Define Inversed H&S Break in developers words using same format as previous rules but as defined here https://youtu.be/IBQbi_ew1ME

Rule G: Entry

Define Inversed H&S Break in developers words using same format as previous rules but as defined here https://youtu.be/IBQbi_ew1ME

SHORT SIDE:

Rule 1: Lead Instrument Logic

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For the short setup, the last number of bars analysed on the Lead Instrument must have closed lower than their open price and lower than the previous bar close. For that step to be valid, the instruments used (lead instruments and trade instrument) markets need to be open. If any instrument's market is closed, then we do not consider the setup.

Variable "Reverse Candle Logic": true/false.

If set to true, then the candle logic will be reversed, instead of candles closing Lower than their open prices we will look for candles that close Higher than their open prices.

Applied B to E.

Variable "Lead Instrument not touch VIDYA": true/false.

If set to true none of the price bars analysed on all the set Lead Instruments must touch the VIDYA meaning that their HIGHS must be below VIDYA. If set to false, then it does not matter.

The last Fair_Value_Gap price bar on Lead Instrument in TF option selected in value must be bearish. Variable "Last FVG must complement BCD on": None of TF's, Meaning it is disabled. Initialised TF, Meaning the TF displayed on chart. Only H1, Meaning what ever Initialised TF chart display is, Variable calculates only for H1. Initialised TF & H1, Meaning what ever Initialised TF chart display is, Variable calculates for it and H1. If Initialised TF chart display is H1, Variable calculates for H1 and M15. Compliment means same direction i.e Short. It must be a Short red bar being last FVG in TF option selected in value before each rule 2 is identified. The FVG bars are displayed by that indicator supplied.

Variable "Print FVG bars on chart": None of TF's. Initialised TF. Only H1. Initialised TF & H1.

If different than None of TF's, FVG bars of TF must be symbolised on chart. Else, they don't print on chart but will still be used to identify rule 1 if "Last FVG must compliment BCD": has a TF selected.

Rule 2: Trade Instrument Logic

Rule 2 logic for entries is only applied if rule 1 logic is met.

Going back X number of candles defined by "Last no. of bars analysed" value, all X candles on the Trade Instrument must close higher than their open price and previous bar's close price (this is to be coupled with Rule 1 setup logic, meaning same bars on same TF).

Variable "Reverse Candle Logic": true/false.

If set to true, then the candle logic will be reversed, instead of candles closing higher than their open prices we will look for candles that close lower than their open prices.

Applied B to E.

The timeframe used will be the timeframe of the chart the EA was initialised on.

Variable "Trade Instrument not touch VIDYA": true/false.

If set to true, then the lows of the analysed bars on the trade instrument must be higher than the VIDYA. If set to false, then it does not matter.

The last Fair_Value_Gap price bar on Trade Instrument in TF option selected in value must be bearish. Variable "Last FVG must compliment BCD on": None of TF's, Meaning it is disabled. Initialised TF, Meaning the TF displayed on chart. Only H1, Meaning what ever Initialised TF chart display is, Variable calculates only for H1. Initialised TF & H1, Meaning what ever Initialised TF chart display is, Variable calculates for it and H1. If Initialised TF chart display is H1, Variable calculates for H1 and M15. Compliment means same direction i.e Short. It must be a Short red bar being last FVG in TF option selected in value before each rule 2 is identified. The FVG bars are displayed by that indicator supplied.

Variable "Print FVG bars on chart:"None of TF's. Initialised TF. Only H1. Initialised TF & H1.

If different than None of TF's, FVG bars of TF must be symbolised on chart. Else, they don't print on chart but will still be used to identify rule 1 if "Last FVG must compliment BCD": has a TF selected.

The open price of current running candles (after rule 1 and rule 2 is validated) is called B- or C-, D- (depending on where in the cycle we are).

RULE A: SAME AS RULE A FOR LONG SIDE, SHORT SIDE TRADE WILL BE SUBJECT TO THE SAME VARIABLE VALUES OF RULE A LONG SIDE. Note that calculation examples

given in A (e.g in Ag, Ah, Ai, Aj) are for the long side and should be calculated accordingly for the short side.

Variable "Enter B to E with trend:" False | With Trend | With Trend & Confirmation. Only applies to Rule 2 "Trade Instrument". To be in "Rule 2".

"Enter B to E with trend": "With Trend" is applied at Trade placement (exactly where B to E would be placed in v2.0, but also applying the below to filter out entries).

B to E (regardless of the TF they occur) entries only made if the previous Heikin Ashi closed bearish (red) in the daily candle TF.

"Enter B to E with trend": "With Trend & Confirmation" is applied at Trade placement (exactly where B to E would be placed in v2.0, but also applying the below to filter out entries).

B to E (regardless of the TF they occur) entries only made if the previous and current Heikin Ashi closed bearish (red) in the daily candle TF.

False means EA trades without this trend filter being applied.

Rule B: 1st Entry

When rule 1 setup, rule 2 setup according to their input values, the open of the current running candle on Trade Instrument will be defined as B-, C- or D- (depending on where we are in the cycle).

Variables/values in rule B exclusively apply to rule B, unless stated otherwise.

Variable "Sell enter better than B- price by %":50.

The role of this variable is to determine the entry price of trade for rule B.

Example: If B- occurred at price 1\$, and "Sell enter better than B- price by %" is set to 50 (meaning 50%) then when the price gets to 1.5\$ a Sell enter trade will be executed.

If in between the definition of B- and the price reaching entry price, an opposing B-setup is formed then this setup is invalidated. Invalidating scenarios listed in rule A.

Each Bar Analysed during rule 1–2 can only be used once to define BCD.

Another invalidating scenario would be when the price moves in favour of the trade by X % before the entry price is reached. X% defined by the variable "Invalidating price move % from latest B-". If this happens the setup is invalidated.

*Variable "Sell enter price increase for every 1% volatility": 0.5. No increase if volatility

at entry is below 1%. This one variable and value applies from B and is used to determine entry price of B.

That percentage will increase the variable "Sell enter better than B- price by %" for every 1% of volatility.

Variable "Open B trade": true/false.

If set to true do not open new B trades. Already open B trades will still be monitored and subject to "Exit on opposing B- once price in favour by %". If false, print in messages reason if B is prevented from entry.

Variable "Hdn SL%": 0.45%. This executes at market so hidden from broker. Variable "F 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 (B, C, D respectively). Make Variable "Hdn SL": True/False.

Variable "Risk % per order:" 1%. Risk size of entry should be 1% of free equity; use Hdn SL distance, Ab and Ac variable values to Calculate volume to place entry at market.

Variable "Print rule B on chart": true/false. With B- and B prices shown in text box when hover over. If set to true, when the price reaches B short entry price, EA will print on the chart B at price it occurred, the printed text will also have a description that will show when hovered over.

Variable "Close all B profitable trades when C occurs". True/False. This must only occur if C can't be entered into because of Ab or Ac. This is so that risk tolerance is obliged and sufficient margin becomes available to facilitate entry for this higher probability trade.

Variable "Exit on opposing B- once price in favor by %": 30. If a short trade B, C or D is open and an opposing B- occurs, at the moment of definition, if a short open trade reaches the percentage set in favour, then EA must close the trade (repeat logic for each short that is open).

Example: Short trade was opened at 1\$, "Exit on opposing B- once price in favour by %" is set to 30%. Therefore if while the short trade is still open, opposing B- occurs at 0.8\$ then EA does not close the short trade, but if opposing B- defined at a price that is at least 0.7\$ or lower then EA closes the short the trade.

Variable "Trail start by %": 0.3. This percentage defines the activation level of the trailing stop loss.

Variable "Trail by %": 0.15. It defines the distance by which the stop loss will trail the price (imaginary stop loss not actual stop loss placed with the trade).

*Variable "Trail Start increase for every 1% volatility": 0.10 and "Trail By increase for every 1% volatility": 0.05. No increase if volatility at entry is below 1%. They work like the other "for every 1% volatility" variables.

Variable "Min Margin level %": 800.

Variable "Accommodate for C, D and E when in profit by %": 0.3. If a position is in profit by at least that amount then it should be closed if it prevents entry to a higher cycle trade.

Rule C: 2nd Entry

Cycle stage 2 for shorts. Can only be reached if ALL above rules have been satisfied according to the input values and no opposing B- is found between the placement of the short B and the pending placement of this short C. Rule C- must be at a better price than rule B- If not, then it will be classified as another rule B.

This rule will have its own variables such as "Sell better than C- price by %": 0.1, * "Sell enter price increase for every 1% volatility": 0.5. No increase if volatility at entry is below 1%. This one variable and value applies from C and is used to determine entry price of C. "Risk%": 2, "Fk SL%": 0.6, "Hdn SL%": 0.5, "Trail start%": 0.6, "Trail By%": 0.05, "Min Margin level %": 800. Exceptions to entry stated in Aa-Am apply to C!

Variable "Print rule C on chart": True/False. At price it occurred. With C- and C prices shown in text box when hover over.

Variable "Close all B & C profitable trades when D occurs". True/False. Must only occur if D can't be entered into because of Ab or Ac. This is so that risk tolerance is obliged and sufficient margin becomes available to facilitate entry for this higher probability trade.

Variable "Open C trade". True/False. Opposing C- must still remain active in closing existing trade, subject to variable "Exit on opposing B- once price in favour" value is reached. But must not open new C trade. Print in messages why C is prevented from entry. "No C entry allowed".

Variable "Accommodate for D and E when in profit by %": 0.3. If a position is in profit by at least that amount then it should be closed if it prevents entry to a higher cycle trade.

Messages in comments must be detailed stating this is a C trade and it's TF.

Rule D: 3rd Entry

Cycle stage 3 for shorts. Can only be reached if ALL above rules have been satisfied according to the input values and if no opposing B- is found between the placement of the short C and the pending placement of this short D. Rule D- must be at a better price than rule C. If not, then it will be classified as another rule C. And Rule D- must be at a better price than rule B-. If not, then it will be classified as another rule B.

This rule will have its own variables such as "Sell better than D- price by %": 0.1, * "Sell enter price increase for every 1% volatility": 0.5. No increase if volatility at entry is below 1%. This one variable and value applies from D- and is used to determine entry

price of D. "Risk%": 2, "Fk SL%": 0.6, "Hdn SL%": 0.5, "Trail start%": 0.6, "Trail By%": 0.05, "Min Margin level %": 800. Exceptions to entry stated in Aa-Am apply to D!

Variable "Print rule D on chart": True/False. At price it occurred. With D- and D prices shown in text box when hover over. Already open D trades will still be monitored and subject to "Exit on opposing B- once price in favour by %".

Variable "Close all B to D profitable trades when E occurs". True/False. Must only occur if E can't be entered into because of Ab or Ac. This is so that risk tolerance is obliged and sufficient margin becomes available to facilitate entry for this higher probability trade.

Variable "Accommodate for E when in profit by %": 0.3. If a position is in profit by at least that amount then it should be closed if it prevents entry to a higher cycle trade.

Messages in comments must be detailed stating this is a D trade and it's TF.

Rule E: Entry

When a cluster of "12 Quantity": 7, occur regardless of them being higher or lower than the previous and that they may be used to define B, C, D. Within "Quantity of bars 12's occur within": 10. As long as that cluster of 12's occur (uninterrupted by an opposing B-) within the consecutive number of bars specified in this value. When the above is satisfied it is called E-.

This rule will have its own variables such as "Enter better than E- price by %": 0.02, "Sell enter price increase for every 1% volatility": 0.05. No increase if volatility at entry is below 1%. This one variable and value applies from E and is used to determine entry price of E. "Risk%": 2, "Fk SL%": 0.6, "Hdn SL%": 0.5, "Trail start%": 1, "Trail By%": 0.05, "Min Margin level %": 800. Exceptions to entry stated in Aa-Am apply to E!

Variable "Print rule E on chart": True/False. At price it occurred. With E- and E prices shown in text box when hover over.

Messages in comments must be detailed stating this is a E trade and it's TF.

Already open E trades will still be monitored and subject to "Exit on opposing B- once price in favour by %".

Rule F: Entry

Define H&S Break in developers words using same format as previous rules but as defined here https://youtu.be/IBQbi_ew1ME

Rule G: Entry

Define H&S Break in developers words using same format as previous rules but as defined here https://youtu.be/IBQbi_ew1ME

Remaining Unintended issues, errors, bugs:

- 1) "Max trades per symbol" must be global on whole acc. It's not only opening more than 5 (as set in value) per symbol per Magic number, but it is also opening more than 5 of same symbol if the Magic number is different. Will you please submit fixed version without further delay!?

eurusa	1484801.2	2025.01.29 05:41:20	sell	7.73	1.04373	1.05052	×	1.04422	-0.00369469	×	-0.05 %	50	TF M1, Rule: B
eurusd	14848099	2025.01.29 05:41:20	sell	7.73	1.04373	1.05052	×	1.04422	-0.00369469	×	-0.05 %	50	TF M1, Rule: B
gbpipy	14825913	2025.01.28 03:18:13	buy	7.7	193.573	192.505	×	193.317	0.00052333	×	-0.01239512	60	TF M1, Rule: B
gbpipy	14826111	2025.01.28 03:33:13	buy	7.69	193.619	192.548	×	193.317	0.00052265	×	-0.01460338	60	TF M1, Rule: B
gbpipy	14826146	2025.01.28 03:36:13	buy	7.69	193.653	192.588	×	193.317	0.00052265	×	-0.01624747	60	TF M1, Rule: B
gbpipy	14826160	2025.01.28 03:37:13	buy	7.68	193.606	192.541	×	193.317	0.00052197	×	-0.01395658	60	TF M1, Rule: B
gbpipy	14826236	2025.01.28 03:44:13	buy	7.66	193.500	192.436	×	193.317	0.00052061	×	-0.00881454	60	TF M1, Rule: B
gbpipy	14831835	2025.01.28 11:30:13	buy	4.67	193.736	192.670	×	193.317	0.00031739	×	-0.01230413	70	TF M1, Rule: B
gbpipy	14831967	2025.01.28 11:57:13	buy	4.66	193.497	192.433	×	193.317	0.00031671	×	-0.00527447	70	TF M1, Rule: B
gbpipy	14831968	2025.01.28 11:58:13	buy	4.67	193.525	192.455	×	193.317	0.00031739	×	-0.00610802	70	TF M1, Rule: B
gbpipy	14831969	2025.01.28 11:58:13	buy	11.06	193.499	191.854	×	193.317	0.00075169	×	-0.01265746	73	TF M1, Rule: E
gbpipy	14831986	2025.01.28 12:00:13	buy	4.66	193.495	192.431	×	193.317	0.00031671	×	-0.00521586	70	TF M1, Rule: B