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## 1- Dummy Number theory

Read First: The number of buttons of this expert could expand from 527 buttons (no single pair on dashboard) to 2175 buttons (42 pairs on dashboard). These buttons are classified as: 1) Passive buttons, 2) Active-Save buttons, and 3) Active-Fire buttons.

### D-Theory

I coined new forex word "tripette" to ease trading different instruments with great disparity prices

-----1- When EURUSD moves from 1.22345 to 1.122346, we say it moves by 1 pipette

-----2- When EURUSD moves from 1.22345 to 1.122355, we say it moves by 1 pip (ignore last digit)

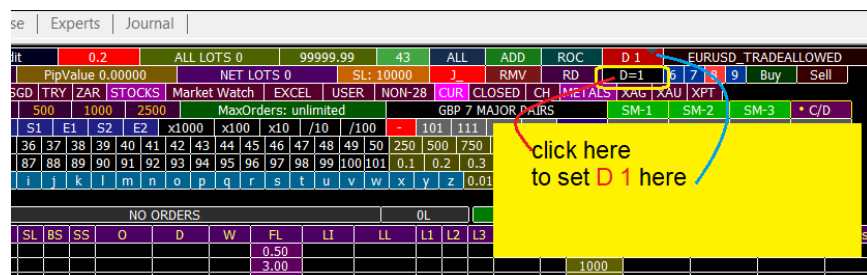
-----3- When USDNOK moves from 8.12345 to 8.12445, we say it moves by 1 tripette (ignore last two digits)

-----4- When DowJonz30 moves from 29123.45 to 29124.45, we say it moves by 1 tripette (ignore last two digits)

-----5- When Gold XAUUSD moves from 1823.45 to 1824.45, we say it moves by 1 tripette (ignore last two digits)

and this expert is designed on all three choices-- you can choose pipette mode, pip mode or tripette mode.

## 2- D-Theory (Tripette concept)



D=1 Button "CONVERT TO **PIPETTE**" box, Box in red will change to D1 immediately according to my D-Theory, D=1 ==> Pipettes

to clarify more:

assume **unhomogenous** pairs prices, for example: eurUSD and ger30

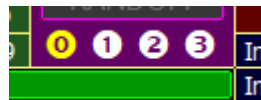
EURUSD: 1.22345 --

ger30: 13123.45 --

if your O=5 pips

EURUSD: 1.22345 -- to -- 1.22395 -- pip pair (we ignore 1 digit--last digit)

## 3- Last $n^{\text{th}}$ decimal



for EURUSD  $n^{\text{th}}$ =5th (1.18345)

for US30Roll  $n^{\text{th}}$ =2nd (only 2 digits after decimal point 29543.21)

if EURUSD price now is 1.18345 and O=D=10 pips

do you want to include 5th digit or make it zero?

example for sell 1st order should be at  $1.18345 + 10 \text{ pips} = 1.18445$   
your desire is 1.18440 or 1.18445 ? (zeros last digit which is fractional pip)

you can decide using some expert icons . . . .

if you select "0", the first 3 sell orders will be:

**1.18345**  
1.18445  
1.18545  
1.18645

if you select "1", the first 3 sell orders will be: = (delete 1 digit from the right)

**1.18345**  
1.18440  
1.18540  
1.18640

if you select "2", the first 3 sell orders will be: = (delete 2 digit from the right)

**1.18345**  
1.18400  
1.18500  
1.18600

many people like integer-like numbers!!

any how it depends on you, it is a trivial matter!

## 4- Beginners to start immediately to see how the Expert works

### 1) New Comers/ visitors – First 4 steps

**NewLesson:** for new comers/visitors--first 4 steps for learners

to see expert placing/opening orders

do the following 4 steps quickly in less than 1 second if possible

1. select 28 groups--famous 28 pairs--click on button **28** (or **MY**)



2. select **ORANGE NUMBER-1** ==> O=D=1---click on "1" button

**Second step:**  
 click on PASS -red  
 then click on ORANGE-NUMBER-1  
 YOU WILL SEE 1s here

3: Set current prices as the **reference prices** for grid trading. click on circled button below

**step-3:**  
 SKs must be green first  
 click here till you see two columns for 28 pairs filled with refPrices

4: activate all 28 pairs

44302.38	N	44019.75	U	News	yyyy.mmm.dd hh:mm:ss	0	PM	Day	999.99%						
EMENT	MUSIC	ReferenceOnBar	38	ITERATE	SPL: 999.99	AutoSave	1000								
DS	MS	LS	#S	Reference	B/S Price	yr	#	Pairs	e	SPL	d	ASK	B	SPD	S
5.4	-1.3			0.98307	0.98282		1	AUDCADm		1000.0		0.98253		2.5	
2.0	-0.5			0.70928	0.70919		2	AUDCHFm		1000.0		0.70914		1.5	
2.6	-0.9			82.721	82.70		3	AUDJPYm		1000.0		82.695		2.1	
-1.9	-3.4			1.06719	1.06696		4	AUDNZDm		1000.0		1.06738		2.3	
3.7	-0.2			0.77586	0.77571		5	AUDUSDm		1000.0		0.77549		1.5	
-1.9	-2.0			0.72166	0.72147		6	CADCHFm		1000.0		0.72178		1.2	
-1.9	-2.1			84.160	84.136		7	CADJPYm		1000.0		84.179		2.4	
0.5	-1.0			116.631	116.614		8	CHFJPYm		1000.0		116.626		1.7	
-0.9	-0.8			1.55888	1.55888		9	EURUSDm		1000.0		1.55888		2.3	
7.6														2.0	
2.1														2.9	
2.2														1.6	
3.6														1.9	
-3.4														3.6	
4.8														1.0	
-5.5														2.8	
4.3														3.5	
-0.7														2.7	
-0.2														2.0	
-9.2														6.6	
1.9														1.5	
5.7	-0.6			0.92127	0.92094		22	NZDCADm		1000.0		0.92070		3.3	
3.2	-0.7			0.66475	0.66455		23	NZDCHFm		1000.0		0.66442		1.9	
4.1	-0.6			77.527	77.498		24	NZDJPYm		1000.0		77.486		2.9	

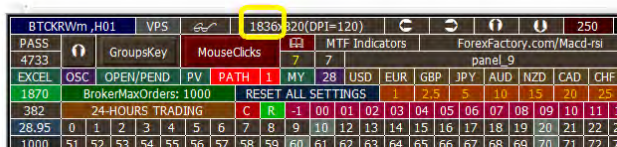
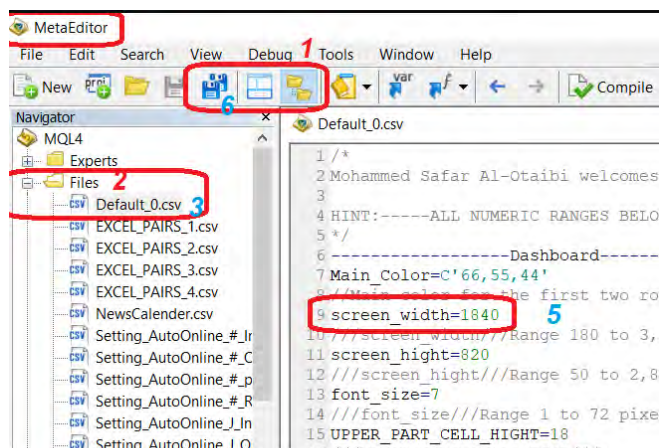
**Step-4:**  
click on **Pairs** word untill you see all  
pairs **RED**

SKs must be green

## 2) How to fit chart to your screen

do the following steps **once in your life**.

- 1- when you attach expert you will see true width of your screen
- 2- click on F4 to open MT4 Editor
- 3- follow steps on the picture:

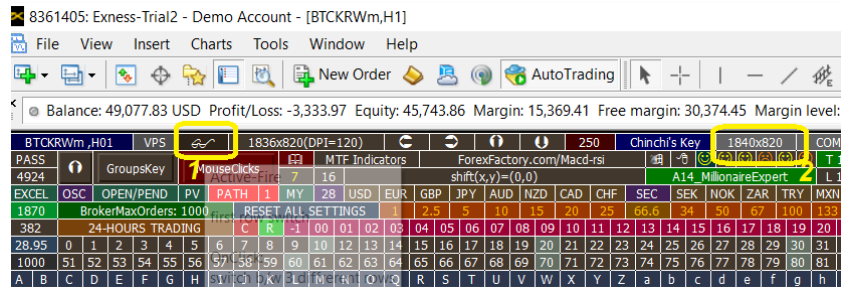


if you **save** *Default.csv* changes, then

--attach expert again to the chart

--or click on the following button: see picture:





only one time in your life you set the true **width** of your screen.

## 5- Weekend Offline Pairs

Update:

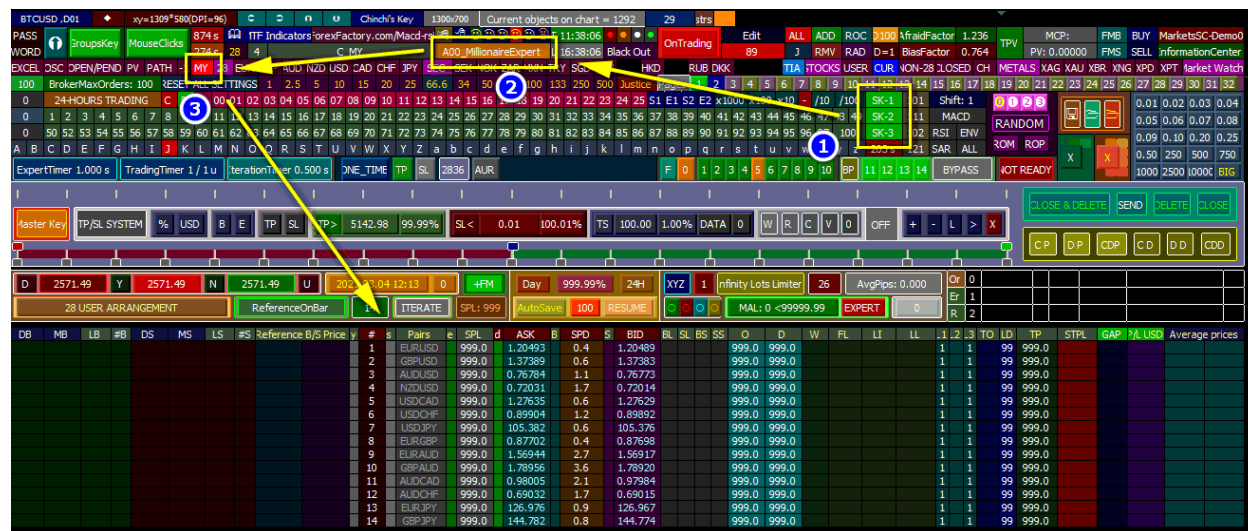
Post #5406

how to **enforce** expert to show instruments of some groups during Saturdays/sundays?

who answer first?

this part is much simplified since 2 weeks ago.

Post #5415 phuclockbbs





## 6- Basic Buttons

### 1) Mouse-Clicks Buttons

**Why?:** this button is designed mainly for "Active-Fire" elements. To prevent your kids intervention if you are outside, or any other reason like false or un-intentional clicks. imagine after finishing your setting, and OnLineTrading starts! then you click on "**Orange 25**" button, which definitely will **damage** all your previous setting. it is a step equivalent to attaching expert now to the chart.

if it is **RED**: "Lock-status" , you can not change status or values of any fire button. do not expect any reaction at all.

if it is **GREEN**: "Clicks-Status" , you can click on any fire button.



**Feature:** it has a **timer** showing when next "Lock" will happen. total time is 900 sec (15 min)  
 it decrements(decreases) to 0 sec then "Lock-status" takes place, and timer disappear  
 if you see value for example 19 sec, and you want more time, just click on lock-timer button. it will set timer at max, at 900 sec.

**How to make it Green if it is not?** one of the best behaviors here is "Easy to construct, difficult to deconstruct":

- 1-- you can easily lock clicks. just click on MOUSE-CLICKS once.
- 2-- but you can not remove lock easily. it is done through 3 steps:
  - 2-1: click on "PASS"----becomes RED
  - 2-2: then click on "WORD"---- Becomes Red
  - 3-2: then click on "MOUSE-CLICKS"----Becomes Green
- 3-- what prevent clicks on all buttons is the BLACK-OUT button.

**Repeated Lesson: Mouse-Clicks Button**

**Why?:** this button designed mainly for "Active-Fire" elements. To prevent your kids intervention if you are o imagine after finishing your setting, and OnLineTrading starts! then you click on "Orange 25" button, which equivalent to attaching expert now to the chart.

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**Feature:** it has a **timer** showing when next "Lock" will happen. total time is 900 sec (15 min)  
 it decrement(decrease) to 0 sec then "Lock-status" takes place  
 if you see value for example 19 sec, and you want more time, just click on lock-timer button. it will set timer

**How to make it Green if it is not?** one of the best behaviors here is "Easy to construct, difficult to decons  
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 --2-- but you can not remove lock easily. it is done through 3 steps:  
 -----2-1: click on "PASS"----becomes RED  
 -----2-2: then click on "WORD"---- Becomes Red  
 -----3-2: then click on "MOUSE-CLICKS"----Becomes Green

**some hints:**

- 1- one of good things here: when under "Lock-Status" -- and you click on any fire button, *its spar* name w
- 2- ForexFactory.com/Macd-rsi bar will be RED also under Lock-status.

### Some hints:

- 1- One of good things here: when under "Lock-Status" -- and you click on any fire button, *its spar* name will be shown in spar
- 2- ForexFactory.com/Macd-rsi bar will be RED also under RED-status.
- 3- The timer button will disappear under RED-status. No need for that button.

## 2) PASS or SKs

**SKs** for Arrays "columns"

**PASS:** for a speceific cell--one element of that array

and all **FIRE** buttons through **SKs**,  
except **ORANGE NUMBERS** through **PASS**



### 3) MASTERKEY

What is the future impact of MasterKey?

since its admission to the expert, the rule is very simple:

- 1- when **SK-1** is not green, the expert will make 1) All 3 SKs **ON**, 2) GroupsKey **ON**, and 3) MouseClicks will be **allowed**
- 2- when **SK-1** is green, the expert will make 1) All 3 SKs **OFF**, 2) GroupsKey **OFF**, and 3) MouseClicks will be **blocked**

so it depends on previous status of SK-1 only.



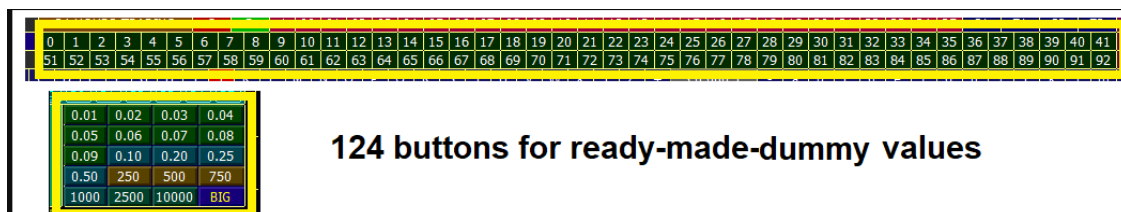
### 4) Ready-Made-Dummy Numbers

Goal: to make your live easy. dummy number is a revolutionary theory in expense of traditional way of setting any expert external variables.

0- all of them are **Active-Save**

- 1- it includes numbers from "1" to "101", quick way to select O, D, TP, TO, LL values

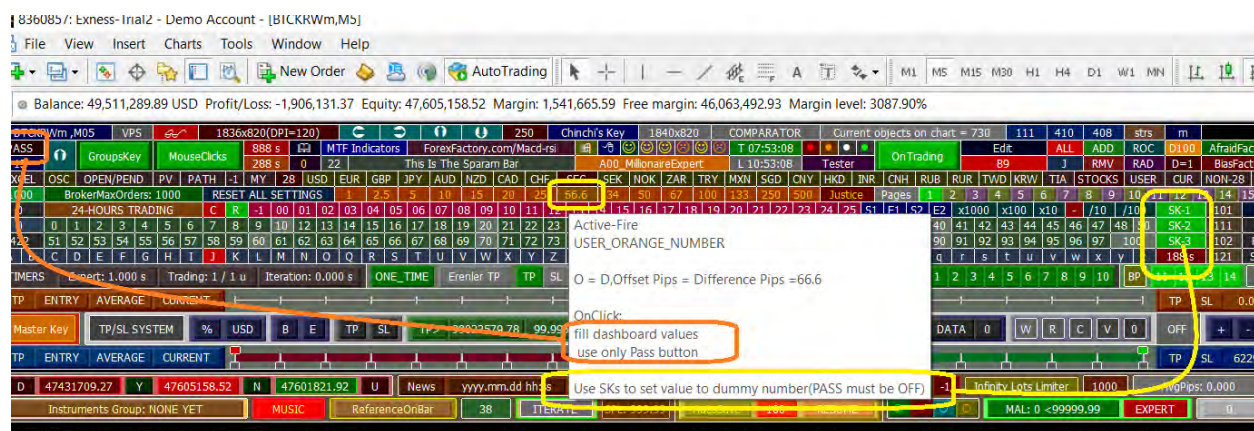
- 2- "O" button consider it the counterpart of "BIG" button
- 3- BIG is the big number that you may need it some times. For example you want to set lower equity in echo-Skat system at current equity. just choose BIG number.
- 4- values that may suite more lots selection like "0.01" , "0.2" etc
- 5- values that may be used to make some paramterS as if it is at enfinity, for exaple "750" for "TO"



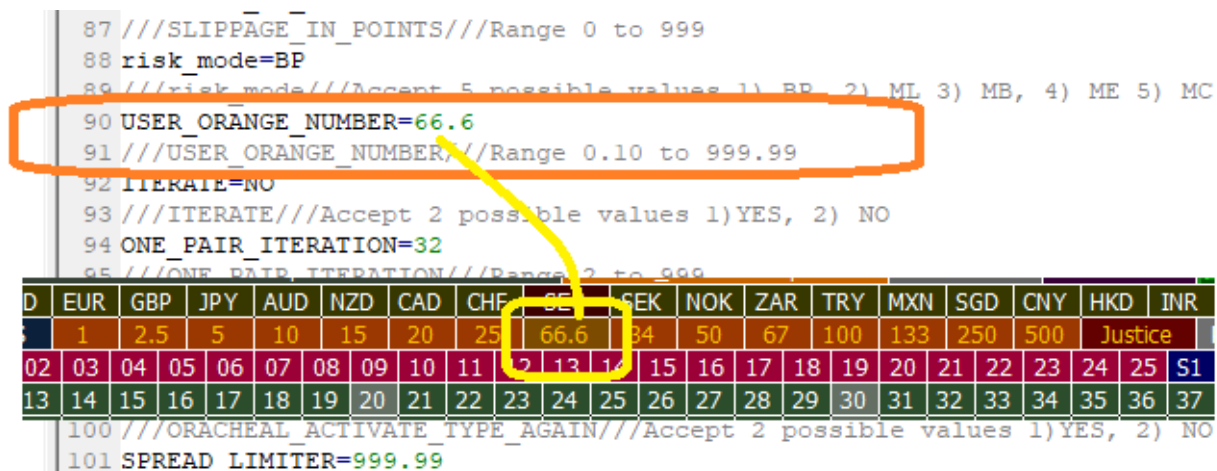
## 5) User Orange number

For user-orange number:

- 1- if PASS is ON: **you set dashborad**--whatever SKs are! SKs are bypassed if PASS is red.
- 2- if PASS is OFF while SKs are ON(greens) -- **you change user-orange number** from 66.6 to dummy



This 66.6 pips come from default file--YOU who choose it.



## 7- Pair Selection

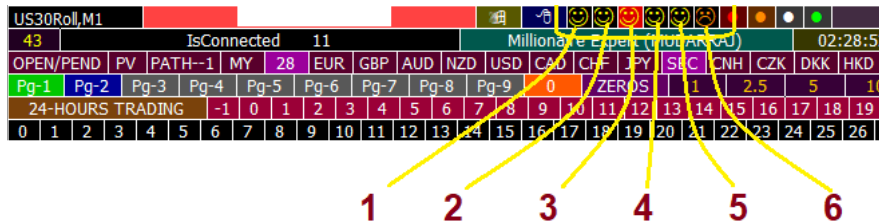
### 1) Display Pairs

#Post 2 to #Post 33

#Post 214 to #Post 220

## 2) Smiling Faces

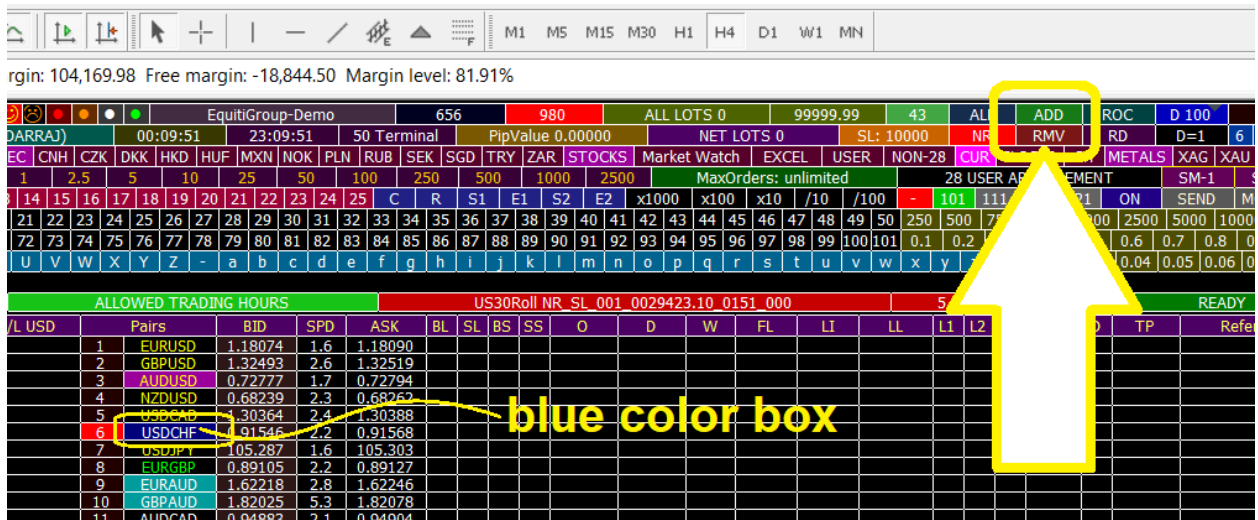
#Post 222 to #Post 233



- 1- is **expert** is enabled
- 2- is **autotrading** is allowed
- 3- is **internet** is connected + alert sound
- 4- is dynamic link libraries **DLL** allowed + music sound
- 5- is Library allowed + no sound
- 6- is you account **demo or live**

## 3) Other Buttons

### a) ADD box



**ADD** box--to **activate** specific currency pairs

### Quoting zoraxfx

Hi Mohammed I trade only London session and next week I'd like to use just EUR and GBP pairs. About EUR pairs I click on EUR but if I click again on GBP there is not adding GBP pairs. Any idea ?

I explain in detail two days ago the following **"ADD"** box

- 1- select **28**-pairs



2-de-activate **SPARAM**

3-click on **GBP**

4-click **ADD**

5-click **EUR**

6-click **ADD**

You should see something like this:

EquitiGroup-Demo										Edit		10000		ALL LOTS 0		99999.99		43		ALL		ADD		ROC		D=1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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b) RMV box

**RMV box**--to **cancel** or **deactivate** specific currency pairs(for example you never trade **CHF** pairs due to low leverage)

**Steps: read carefully please (we want to CANCEL trading or deactivate specific currency pairs)**

- 1- Sparam is **RED**
- 2- Click on **"MY"** or **"28"** -- almost they are similar!
- 3- Select your setting--let us say **Orange 25** box
- 4- Click on **PAIRS** box--now all 28 pairs are activated
- 5- Cancel sparam--**Black sparam**---very important
- 6- Click on **CHF** box (CHF pairs box Colors will be **Blue**)
- 7- Then click on **RMV** box = ReMoVe = Remove

YOU will see an immediate effect -- All CHF pairs are deactivated

**steps on how to de-activate specific currency pairs**

- 5- Then click on **RMV** box- = **ReMoVe** = Remove

YOU will see an immediate effect -- **All CHF pairs are deactivated.**

D.H	Mohamed Safar Al-Otaibi															EquiGroup Demo															37	37	ALL LOTS 0															99999.99	43	ALL	ADD	LOC	D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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12	-	913	-	914	-	915	-	916	-	917	-	918	-	919	-	920	-	921	-	922	-	923	-	924	-	925	-	926	-	927	-	928	-	929	-	930	-	931	-	932	-	933	-	934	-	935	-	936	-	937	-	938	-	939	-	940	-	941	-	942	-	943	-	944	-	945	-	946	-	947	-	948	-	949	-	950	-	951	-	952	-	953	-	954	-	955	-	956	-	957	-	958	-	959	-	960	-	961	-	962	-	963	-	964	-	965	-	966	-	967	-	968	-	969	-	970	-	971	-	972	-	973	-	974	-	975	-	976	-	977	-

**ADD** box--to activate specific currency pairs

follow the same procedures for RMV box,  
assuming all 28 pairs not activated, when you choose to activate only EUR pairs, simply click EUR,  
== EUR PAIRS will be blue,  
then click ADD box

do not forget to cancel SPARAM first

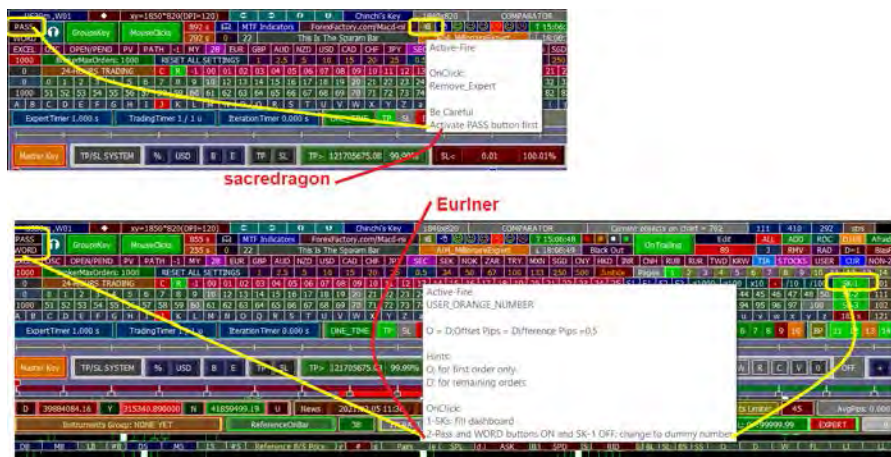
**if not**, when you click on EUR, it will change group elements!! **unwelcomed situation!** as explained in first 30 posts!

we select currency

therefore: chosen currency pairs boxes will be **BLUE**

#### 4) Remove Expert

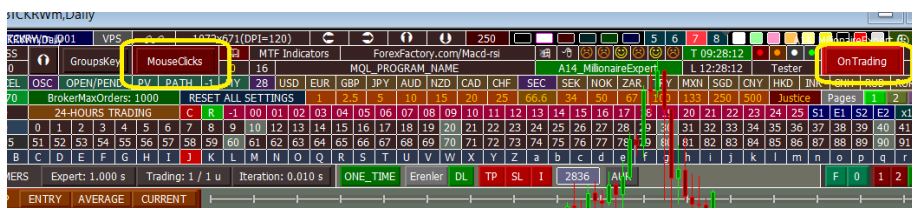
Dangerous button, removes the expert



5) If you login to different account intentionally or un-intentionally you will see only this button as a **protection** an return all old settings wull remain as it is except halting trading+no mouse clicks.



click on it to see dashboard  
you will notice MS,DS, MB, DB still caculating



## 8- On-Line Order Concept

Dashbord main 3 components

very-important output columns										input columns										un-important output columns									
OB	MO	IB	IB	IB	IB	IB	IB	IB	IB	Reference Price	Price	Ask	Offer	Spread	Stop	Take Profit	Stop Loss	Trailing Stop	Trailing Stop	Trailing Stop	Gap	EA Name	Average Price	Average Price	Average Price	Average Price	Average Price	Average Price	Average Price
2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200
2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200
2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200
2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200	114.7200

As a newbie, the first thing to recognize is that "dashboard is composed of 3 parts"

--1- **Input** part: above 20 columns -- in the middle

--2- **very important output** part (the core of this expert) - in the left side. Math calculation to take entry decisions

--3- **unimportant output** part which shows P/L, average prices and gaps-- to the right side (6 columns) -- calculations after entry!

The screenshot shows a trading dashboard with various data tables. A red circle highlights the value '25' in the '24 HOURS TRADING' table. A red line points from this '25' to the 'BL' and 'SL' columns in the 'ALLOWED TRADING HOURS' table, which are also circled in red. Other red circles highlight values in the 'NO ORDERS' table: '0.01' for 'LI', '100.00' for 'LL', '1' for 'L1', '2' for 'L2', '3' for 'L3', '100.00' for 'TO', '0' for 'D', '1' for 'TP', and '0.01' for 'W'. Text boxes with arrows explain these values: 'I clicked here on 25' points to the red circle; 'then the default values of "25-setting" are shown on dashboard' points to the red circles; 'BL and SL are activated' points to the red circles; 'pairs not activated--for safe operation' points to the red circles; 'O=D=25 pips' points to the red circle; 'TakeProfit= 100 pips' points to the red circle; '#of orders = 20' points to the red circle; 'Ladder = 5' points to the red circle; 'L1L2L3 = 111' points to the red circle; 'FirstLot = 0.01 lot' points to the red circle; 'increment Lots = 0.01 lot' points to the red circle; and 'W= 0 pips (no Widening)' points to the red circle.

I clicked here on 25

then the default values of "25-setting" are shown on dashboard

BL and SL are activated

pairs not activated--for safe operation

O=D=25 pips

TakeProfit= 100 pips

#of orders = 20

Ladder = 5

L1L2L3 = 111

FirstLot = 0.01 lot

increment Lots = 0.01 lot

W= 0 pips (no Widening)

O = 25 **pips** means the **first hidden pending order** will be executed if price goes against your **Reference B/S Price** by 25 pips  
O: for the first order--it is clear!!

D: for the second order and above, (2nd, 3rd, 4th etc.... orders)  
if O=25 **pips** and D=25 *pips* then:  
2nd order will be executed after 50 **pips**, (25+25)  
3rd order will be executed after 75 **pips**, (25+25+25)  
and so on

1st order after 25 pips.  
2nd order after 56 pips. (25+31)  
3rd order after 87 pips. (25+31+31)  
4th order after 118 pips. (25+31+31+31)

1st order after 25 pips.





their BGColor will react according to 4 types color

Three semi-Green colors for BUY (GREEN-AQUA-BLUE)

Three semi-Red colors for SELL (RED-ORANGE-PINK)

if BL reach max LL --- box **LB** will be **Green**

if BS reach max LL --- box **LB** will be **Aqua**

if both BL and BS reach max limits of LL (double of LL) box **LB** will be **Blue**

the result will be reflected also on **LI** column cells--identical

if SL reach max LL --- box **LS** will be **Red**

if SS reach max LL --- box **LS** will be **Orange**

if both SL and SS reach max limits of LL(double of LL) box **LS** will be **Pink**

the result will be reflected also on **LL** column cells--identical

NO NEED FOR PICTURE

### 3) Afraid/Bias modifiers (for O=D settings)

#Post 2867

To explain: you choose aEURUSD BuyLimit and SellLimit with O=D=50.

if your are **afraid** from SELL-LIMIT direction. multiply 50 for SL by afraid factor--let usd say **afraidFactor**=1.4

then O for SL is  $50 * 1.4 = 70$  pips,

while remaon 50 for Buy

if your **biased** to SL, we are here not **afraid**, e are a **brave**! so **baisFactor** may be 0.8

$0.80 * 50 = 40$  pips

now situation is: you are not afraid, not biased---normal factor = 1.00----- 50 pips is 50 pips (except in case of justice setting)

normal = 1.00

afraid > 1.00

biase < 1.00

if anybody notice two colmns sourounding spread columns?? **will have 3 tasks.**

Reference B/S Price	#	Pairs	d	ASK	n	SPD	n	BID	BL	SL	BS	SS	O	D	W
	1	SIH1		25.997		1.8		25.979					999.0	999.0	
	2	US30Roi		30370.90		5.80		30365.10					999.00	999.00	
	3	UT100Roi		12750.35		3.00		12747.38					999.00	999.00	
	4	DE30Roi		13647.90		8.00		13639.90					999.00	999.00	
	5	JP225Roi		26922.50		10.00		26912.50					999.00	999.00	
	6	HK50Roi		26463.50		8.00		26455.50					999.00	999.00	
	7	AUS200Roi		6682.40		4.80		6677.60					999.00	999.00	
	8	FRA40Roi		5514.05		5.20		5508.85					999.00	999.00	
	9	ESP35Roi		8034.00		6.00		8028.00					999.00	999.00	
	10	EU50Roi		3546.95		0.90		3546.05					999.00	999.00	
	11	CHINA50Ro		16902.16		9.00		16893.16					999.00	999.00	
	12	XAUUSD		1881.57		0.61		1880.96					999.00	999.00	
	13	USOILRoi		49.254		3.2		49.222					999.0	999.0	
	14	UKOILRoi		52.312		3.6		52.276					999.0	999.0	
	15	AUDUSD		0.76234		2.1		0.76213					999.0	999.0	
	16	NZDUSD		0.71428		5.4		0.71374					999.0	999.0	
	17	USDCAD		1.27845		3.7		1.27808					999.0	999.0	
	18	USDJPY		103.350		4.8		103.302					999.0	999.0	
	19	EURUSD		1.22574		3.2		1.22542					999.0	999.0	

#Post 3019

Afraid/Bias modifiers: to **modify** O or D from raw values.

it is somewhat similar to standard deviation from the mean "raw" value

He said: it is not logical to make O, D of Buys the same as O,D of Sells? Common sense judges!

how to differentiate b/w them while we have only one column for O and 1 column for D ??

SOLUTIONS:

1- we already mentioned you can **repeat** the pair on the dashboard.

2- now you may use Normal/Afraid/Bias setting

#	Pairs	d	ASK	x	SPD	x	BID	BL	SL	BS	SS	O	D
1	EURUSD		1.21943		1.4		1.21929					10.0	10.0
2	GBPUSD		1.34287		2.5		1.34263					10.0	10.0
3	AUDUSD		0.75688		1.8		0.75670					10.0	10.0
4	NZDUSD		0.76852		2.2		0.76830					10.0	10.0
5	USDCAD		1.28732		2.3							10.0	10.0
6	USDCHE		0.88941		2.2							10.0	10.0
7	USDJPY		103.438		1.6							10.0	10.0
8	EURGBP		0.90826		2.6							10.0	10.0
9	EURAUD		1.61140		3.0							10.0	10.0
10	GBPAUD		1.77455		5.7							10.0	10.0
11	AUDCAD		0.97416		2.5							10.0	10.0
12	AUDCHF		0.67314		2.9							10.0	10.0
13	EURJPY		126.129		2.2							10.0	10.0
14	GBPJPY		138.895		3.2							10.0	10.0
15	NZDCAD		0.91194		3.5							10.0	10.0
16	NZDCHF		0.63022		3.1							10.0	10.0
17	EURCAD		1.56965		4.5							10.0	10.0
18	GBPCAD		1.72845		5.0							10.0	10.0
19	AUDNZD		1.06844		2.9		1.06813					10.0	10.0

$10 \times 0.764 = 7.6 \text{ pips} = 76 \text{ pipette}$

D 100	AFRAID_FACTOR	1.236
D=1	BIAS_FACTOR	0.764

in picture even though your O=D=10 for all pairs, but some of direction O and D may be 1t 13.2 pip or 7.6 pip---not your O=D=10

dashbord will show **raw** value 10, but in **runtime**, there is a different story.

#### a) Introduction

1- you have two x columns

--1-1: left for buy O, D modification

--1-2: right for sell O, D modification

2- keep click on each pair corresponding x cell, to change status:

--2-1: Red: Bias (lower O or D ---> less save---> so I select red)

--2-2: Green: Afraid (bigger O or D ---> more save---> so I select green)

#	Pairs	d	ASK	x	SPD	x	BID	BL	SL	BS	SL	O	D
1	EURUSD		1.2194		1.4		1.21929					10.0	10.0
2	GBPUSD		1.3428		2.5		1.34262					10.0	10.0
3	AUDUSD		0.7568		1.8		0.75670					10.0	10.0
4	NZDUSD		0.7085		2.2		0.70830					10.0	10.0
5	USDCAD		1.2873		2.5							10.0	10.0
6	USDCHF		0.8894		2.2							10.0	10.0
7	USDJPY		103.438		1.6							10.0	10.0
8	EURGBP		0.9082		2.6							10.0	10.0
9	EURAUD		1.6114		3.0							10.0	10.0
10	GBPAUD		1.7745		5.7							10.0	10.0
11	AUDCAD		0.9741		2.5							10.0	10.0
12	AUDCHF		0.6731		2.9							10.0	10.0
13	EURJPY		126.129		2.2							10.0	10.0
14	GBPJPY		138.895		3.2							10.0	10.0
15	NZDCAD		0.91194		3.5							10.0	10.0
16	NZDCHF		0.63022		5.1							10.0	10.0
17	EURCAD		1.56965		4.5							10.0	10.0
18	GBPCAD		1.72845		5.0							10.0	10.0
19	AUDNZD		1.06844		2.9		1.06815					10.0	10.0

RED:  $O \text{ or } D = \text{raw} * \text{BiasFactor} < 10$

Green:  $O \text{ or } D = \text{raw} * \text{AfraidFactor} > 10$

otherColor:  $O \text{ or } D = \text{raw} == 10$

## b) How to set factors?

ans: through **CWC** method, or **Edit-WC** method.

we have two buttons:

- 1- upper for AFraid factor-- its range b/w 1 and 9.99 ---- common sense rule
- 2- lower for Bias factor----- its range b/w 0.25 and 1.00 ---- common sense rule



- 1.00 represents the **Normal** case, not afraid/not biased ---  $10 * 1 = 10$
- so if pair x-button is RED or green but factots are set at 1, it is identical to Normal case.

## c) Continue

-Therefore, after these improvmenets, we see on dashboard two values: O-value and D-value

-But, behind the scene actually expert deal with 4 values:

- 1- **O** for buy
- 2- **O** for Sell
- 3- **D** for buy
- 4- **D** for Sell

**OrderComment** will show runtime O or D, not raw values.



Order Magic Number is 2836      New orders pause time is currently set at: 0.000 sec      1 2 3 4 5 6 7 8 9 10

00022.48	99.99%	AFRAID_FACTOR	1	%	DATA	0	W	R	C	V	0	OR
		BIAS_FACTOR	0.5									

Price	#	Pairs	d	ASK	x	PD	x	BID	SL	BS	SF	D	W	FL	LI
1	EURUSD	1.2189	1.2189	1.21875	25.0	25.0	0.01	0.01	99						
2	GBPUSD	1.3427	1.3427	1.34250	25.0	25.0	0.01	0.01	99						
3	AUDUSD	0.75697	0.75697	0.75697	25.0	25.0	0.01	0.01	99						
4	NZDUSD	0.70893	0.70893	0.70893	25.0	25.0	0.01	0.01	99						
5	USDCAD	1.28004	1.28004	1.28004	25.0	25.0	0.01	0.01	99						
6	USDCHF	0.88993	0.88993	0.88993	25.0	25.0	0.01	0.01	99						
7	USDJPY	103.442	103.442	103.442	25.0	25.0	0.01	0.01	99						
8	EURGBP	0.90793	0.90793	0.90793	25.0	25.0	0.01	0.01	99						
9	EURAUD	1.61049	1.61049	1.61049	25.0	25.0	0.01	0.01	99						
10	GBPAUD	1.72316	1.72316	1.72316	25.0	25.0	0.01	0.01	99						
11	AUDCAD	0.97310	0.97310	0.97310	25.0	25.0	0.01	0.01	99						
12	AUDCHF	0.67261	0.67261	0.67261	25.0	25.0	0.01	0.01	99						
13	EURJPY	126.079	126.079	126.079	25.0	25.0	0.01	0.01	99						
14	GBPJPY	138.886	138.886	138.886	25.0	25.0	0.01	0.01	99						
15	NZDCAD	0.91231	0.91231	0.91231	25.0	25.0	0.01	0.01	99						
16	NZDCHF	0.63094	0.63094	0.63094	25.0	25.0	0.01	0.01	99						
17	EURCAD	1.36864	1.36864	1.36864	25.0	25.0	0.01	0.01	99						
18	GBPCAD	1.72294	1.72294	1.72294	25.0	25.0	0.01	0.01	99						

Active-Fire

GREEN : AFRAID  
RED : BIAS  
NONE : NORMAL.

O: 125  
D: 125

0.50 of 25 pips = 12.5 pips = 125 pipette  
in OrderComment you will see 125 (not raw 250 = 25.0)

- In toolTips you will see actual runtime O or D
- Picture shows that for buy EURUSD orders O=D=125, since raw values are the same for both
- for BUY O=D=12.5 pips
- while for SELL O=D=25.0 pips
- look O,D for buy are different form SELL values
- if raw O not equal to raw D, definitely you will have 4 differnt values if afraid and bias factors are not 1.00

#### d) Calculations

Calculations:

Afraid = 1.4


Bias = 0.50

illustrated on picture

-if color not RED not GREEN, experts ignore these factors and multiply by 1.00

aily]

AFRAID_FACTOR		1.4	
BIAS_FACTOR		0.5	



#	Pairs	d	ASK	x	SPD	x	BID	BL	SL	BS	SS	O	D
1	EURUSD		1.21930		1.3		1.21917					24.0	72.0
2	GBPUSD		1.34240		2.5		1.34215					25.0	25.0
3	AUDUSD		0.75705		1.8							25.0	25.0
4	NZDUSD		0.70893		2.4							25.0	25.0
5	USDCAD		1.28004		2.2							25.0	25.0
6	USDCHF		0.88993		2.1							25.0	25.0
7	USDJPY		103.442		1.6							25.0	25.0
8	EURGBP		0.90793		2.5							25.0	25.0
9	EURAUD		1.61049		2.9							25.0	25.0
10	GBPAUD		1.72316		5.9							25.0	25.0
11	AUDCAD		0.97310		2.7							25.0	25.0
12	AUDCHF		0.67261		2.3							25.0	25.0
13	EURJPY		126.079		2.2							25.0	25.0
14	GBPJPY		138.886		3.0							25.0	25.0
15	NZDCAD		0.91231		2.9							25.0	25.0
16	NZDCHF		0.63094		4.8							25.0	25.0
17	EURCAD		1.36864		4.3							25.0	25.0
18	GBRCAD		1.72294		5.7		1.72686					25.0	25.0
19	AUDNZD		1.06781		2.7		1.06774					25.0	25.0
20	CADCHF		0.69150		3.5		0.69117					25.0	25.0
21	EURCHF		1.08473		3.1		1.08442					25.0	25.0

Active-Fire

GREEN : AFRAID

RED : BIAS

NONE : NORMAL

O: 336

D: 1007

O: 120

D: 360

**BUY GREEN: Factor is 1.4**

**AFRAID** O=24.0\*1.4 = 33.6 pips = **336** pipettes(points)

D=72.0\*1.4 = 100.7 pips = **1007** pipettes(points)

**SELL RED: Factor is 0.5**

**BIAS** O=24.0\*0.5 = 12.0 pips = **120** pipettes(points)

D=72.0\*0.5 = 36.0 pips = **360** pipettes(points)

#### e) Order Comments

OrderComment shows runtime O and D

Dahsboard shows raw values.

Order Type	Size	Symbol	Price	S / L	T / P	Price	AFRAID FACTOR	BIAS FACTOR	Profit	Comment																		
sell	0.01	audusd	0.75706	0.00000	0.75106	0.75716	1.4	0.5	-10	J_SL003.01,140,140-00,0.75283																		
AFRAID FACTOR: 1.4 BIAS FACTOR: 0.5																												
P: 0.00000 D: 0.00000 W: 0.00000 FL: 0.00000 LI: 0.00000 L1: 0.00000 L2: 0.00000 L3: 0.00000 TO: 0.00000 TP: 0.00000 GAP: 0.00000 P/L USD: 0.00000 Average prices																												
US	#S	Reference B/S Price	#	Pair	d	ASK	x	SPD	x	BID	BL	SL	BS	SS	O	D	W	FL	LI	L1	L2	L3	TO	LD	TP	GAP	P/L USD	Average prices
0.07	6	1.21611	1.21596	1	EURUSD	1.21920	1.5	1.21905	2.4	1.21931	10.0	10.0	0.01	0.01	9999.00	1	1	1	20	5	60.0							
0.09	7	1.33449	1.33476	2	GBPUSD	1.34255	1.7	1.34231	1.7	1.34231	10.0	10.0	0.01	0.01	9999.00	1	1	1	20	5	60.0							
0.04	4	0.75160	0.75143	3	AUDUSD	0.75716	1.7	0.75699	1.7	0.75699	10.0	10.0	0.01	0.01	9999.00	1	1	1	20	5	60.0							
0.04	4	0.70389	0.70365	4	NZDUSD	0.70874	2.2	0.70857	2.2	0.70857	10.0	10.0	0.01	0.01	9999.00	1	1	1	20	5	60.0							
		1.29134	1.29099	5	USDCAD	1.28769	2.3				10.0	10.0	0.01	0.01	9999.00	1	1	1	20	5	60.0							
		0.88895	0.88872	6	USDCHF	0.88966	2.2				10.0	10.0	0.01	0.01	9999.00	1	1	1	20	5	60.0							
		103.585	103.568	7	USDJPY	103.440	1.7				10.0	10.0	0.01	0.01	9999.00	1	1	1	20	5	60.0							
		0.90970	0.90940	8	EURGBP	0.90831	2.3				10.0	10.0	0.01	0.01	9999.00	1	1	1	20	5	60.0							
		1.61566	1.61637	9	EURAUD	1.61050	3.0				10.0	10.0	0.01	0.01	9999.00	1	1	1	20	5	60.0							
		1.77376	1.77315	10	GBPUSD	1.77346	5.5				10.0	10.0	0.01	0.01	9999.00	1	1	1	20	5	60.0							
		0.96926	0.96898	11	AUDCAD	0.97481	2.7				10.0	10.0	0.01	0.01	9999.00	1	1	1	20	5	60.0							
		0.66854	0.66835	12	AUDCHF	0.67458	2.9				10.0	10.0	0.01	0.01	9999.00	1	1	1	20	5	60.0							
		126.020	125.995	13	EURJPY	126.108	2.6				10.0	10.0	0.01	0.01	9999.00	1	1	1	20	5	60.0							
		138.323	138.290	14	GBPJPY	138.861	2.9				10.0	10.0	0.01	0.01	9999.00	1	1	1	20	5	60.0							
		0.92164	0.92075	15	NZDCAD	0.92144	2.9				10.0	10.0	0.01	0.01	9999.00	1	1	1	20	5	60.0							
		0.62480	0.62531	16	NZDCHF	0.63057	4.7				10.0	10.0	0.01	0.01	9999.00	1	1	1	20	5	60.0							
		1.56893	1.56849	17	EURCAD	1.56976	4.3				10.0	10.0	0.01	0.01	9999.00	1	1	1	20	5	60.0							
		1.72249	1.72199	18	GBPUSD	1.72853	5.0				10.0	10.0	0.01	0.01	9999.00	1	1	1	20	5	60.0							
		1.06649	1.06647	19	EURJPY	1.06691	5.1				10.0	10.0	0.01	0.01	9999.00	1	1	1	20	5	60.0							

## Conclusions

you can now differentiate b/w Buys and Sells sO, D, setting

### 4) Order Types

Assume O=D=10, TP=20, TO = 5, L1/L2/L3 = 1/1/1

Example Ref P: **0.95600**

#### a) BL = Buy Limit

Buy Limit Price below Ref P by O=D=10

BL	TP
0.95500	0.95700
0.95400	0.95600
0.95300	0.95500
0.95200	0.95400
0.95100	0.95300

#### b) SL = Stop Limit

Stop Limit Price above Ref P by O=D=10

BL	TP
0.95700	0.95500
0.95800	0.95600
0.95900	0.95700
0.96000	0.95800
0.96100	0.95900

#### c) BS = Buy Stop

Buy Stop Price above Ref P by O=D=10

BL	TP
0.95700	0.95900
0.95800	0.96000
0.95900	0.96100
0.96000	0.96200
0.96100	0.96300

d) SS = Sell Stop

Sell Stop Price below Ref P by O=D=10

BL	TP
0.95500	0.95300
0.95400	0.95200
0.95300	0.95100
0.95200	0.95000
0.95100	0.94900

in column #B or #S, will **might** see **doubled numbers**

IN YOUR CASE

#B shows the number of BL and BS orders

#S shows the number of SL and SS orders

assume price goes up 5 pips then drop 10 pips (5 pips back to ref price) and more 5 pips below ref.

O=D=1

then 5 BS is executed then 5 BL is executed,

sum is #B=10, even though you see DB= -5, NOT -10

MB	LB	#B	DS	MS	LS	#S	GAP	P/L USD	Pairs	BID	SPD	ASK	BL	SL	BS	SS	O	D	W	FL	LI	LL
-0.02	0.30	3	-0.00	-0.00	0.20	2	6.50	-17.85	1	23.189	0.18	23.207					1.00	1.00		0.01	0.01	9999.00
-3.50	0.30	3	-0.00	-0.00	0.20	2	6.50	-26.27	2	29899.60	2.80	29902.40					1.00	1.00		0.10	0.10	9999.00
-1.75	0.10	1	0.13	0.10	0.10	1	1.75	-5.9	3	11949.12	1.00	11950.12					1.00	1.00		0.10	0.10	9999.00
-2.50	0.20	2	-2.00	-2.50	0.10	1	5.00	-9.3	4	13257.00	0.00	13258.00					1.00	1.00		0.10	0.10	9999.00
-5.00	3.00	3			1.00	1	5.00	-77.15	5	26370.50	10.00	26380.50					1.00	1.00		1.00	1.00	9999.00
-1.00	0.30	3	-2.00	-2.50	0.20	2	3.50	-9.55	6	26616.00	6.00	26622.00					1.00	1.00		0.10	0.10	9999.00
-0.50			-0.50	-0.50			1.00	-3.44	7	6643.10	4.80	6648.40					1.00	1.00		0.10	0.10	9999.00

BuyStop BGCOLOR  
BuyLimit BGCOLOR

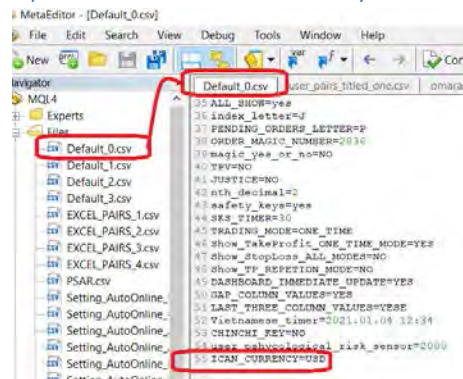
SellStop BGCOLOR  
SellLimit BGCOLOR

for last order  
executed in  
each case

MB	LB	#B	DS	MS	LS	#S	GAP	P/L USD	Pairs	BID	SPD	ASK	BL	SL	BS	SS	O	D	W	FL	LI	LL
0	0.10	4	4.00	-3.00	0.20	2	8.50	-25.95	2	29897.60	2.80	29900.40					1.00	1.00		0.01	0.01	9999.00
5	0.10	1	0.75	-0.13	0.10	1	1.88	-6.33	3	11948.50	1.00	11949.50					1.00	1.00		0.10	0.10	9999.00
0	0.20	2	-2.00	0.00	0.20	2	6.50	49.28	4	13257.00	0.00	13258.00					1.00	1.00		0.10	0.10	9999.00
0	3.00	3		-5.00	1.00	1	10.00	-77.1	5	26370.50	10.00	26380.50					1.00	1.00		1.00	1.00	9999.00
0	0.30	3	-3.50	-4.00	0.30	3	5.00	-9.75	6	26617.50	6.00	26623.50					1.00	1.00		0.10	0.10	9999.00
0			-1.00	-1.00	0.10	1	1.50	-3.85	7	6643.60	4.80	6648.40					1.00	1.00		0.10	0.10	9999.00

4 different colors--last executed order OrderComment box BackGround colors

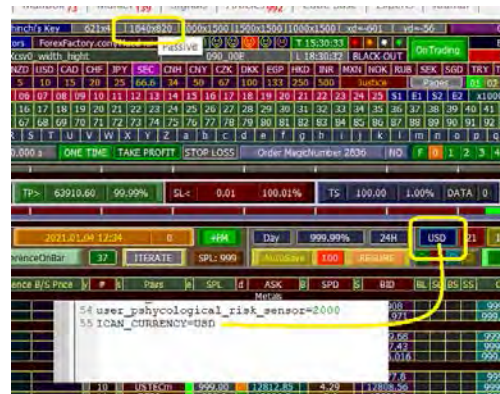
## 5) ICAN Default Currency – Choose related orders base on Currency



The last element in the file  
of course you can copy it to line number 1 or even delete it from the file!

when you attach the e3pert to tha chart--value USD come from **your** file default\_0.csv----not my file 😊

but later you can change it as you like, at any time, to any currency  
any click on non currency groups will reset it to AMBIGUOUS CURRENCY SYMBOL **XYZ**



NOW

- 1- select MY
- 2- you must disable GROUPS-KEY ---**RED**
- 3- MOUSE-CLICKS button must be **GREEN**
- 4- in this wat when you click on GBP, expert will not change group from MY to GBP
- 5- GBP now is your dummy currency--look at ICA-N currency button, GBP immediatly transfered there





click on any of types:

it will be reflected as a currency-wise, not pair-wise  
EURGBP is sell ===== GBP itself if BUY.

GREEN circle above **BL**===== it is currency buylimit  
and so on

R/S	Pair	SPD	BL	SL	BS	SS	O
1	EURUSDm	999.0	1.20727	1.0	1.20727	20.0	20.0
2	EURUSDm	999.0	1.35689	1.5	1.35689	20.0	20.0
3	AUDUSDm	999.0	0.76816	1.5	0.76816	20.0	20.0
4	USDCHFm	999.0	0.71111	2.0	0.71111	20.0	20.0
5	USDCHFm	999.0	1.27705	2.2	1.27705	20.0	20.0
6	USDCHFm	999.0	0.89062	1.5	0.89062	20.0	20.0
7	USDCHFm	999.0	1.03658	1.1	1.03658	20.0	20.0
8	EURGBPm	999.0	0.88965	1.6	0.88965	20.0	20.0
9	EURGBPm	999.0	1.57148	2.3	1.57148	20.0	20.0
10	EURGBPm	999.0	1.47662	2.8	1.47662	20.0	20.0
11	AUDCHFm	999.0	0.98102	2.5	0.98102	20.0	20.0
12	AUDCHFm	999.0	0.68423	0.9	0.68423	20.0	20.0
13	EURJPYm	999.0	125.149	1.9	125.149	20.0	20.0
14	GBPJPYm	999.0	140.660	2.0	140.660	20.0	20.0
15	GBPJPYm	999.0	0.90937	1.2	0.90937	20.0	20.0

look at **GBP** pairs--backgrounded in deep-blue color

i remove old colors for specific pairs.

currency wise

pairs-wise

SPD	S	BID	BL	SL	BS	SS	O
1.0		1.20727					20.0
1.5		1.35689					20.0
1.5		0.76816					20.0
2.0		0.71111					20.0
2.2		1.27705					20.0
1.5		0.89062					20.0
1.1		103.658					20.0
1.6		0.88965					20.0
2.3		1.57148					20.0
2.8		1.47662					20.0
2.5		0.98102					20.0
0.9		0.68423					20.0
1.9		125.149					20.0
2.0		140.660					20.0
1.2		0.90937					20.0

## 6) Max TO and Max LL for all 4 order types

now #of orders reaching max TO is colored in systematic way:

also Lot limiter for all r types is distiguihws with same order type color  
from last month:

BL=Green

SL = Red

BS=Aqua

SS=Orange

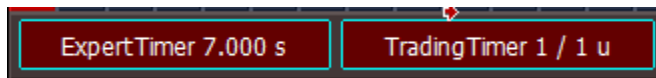
Now columns #B (BUY) or #S, (SELL)

plus

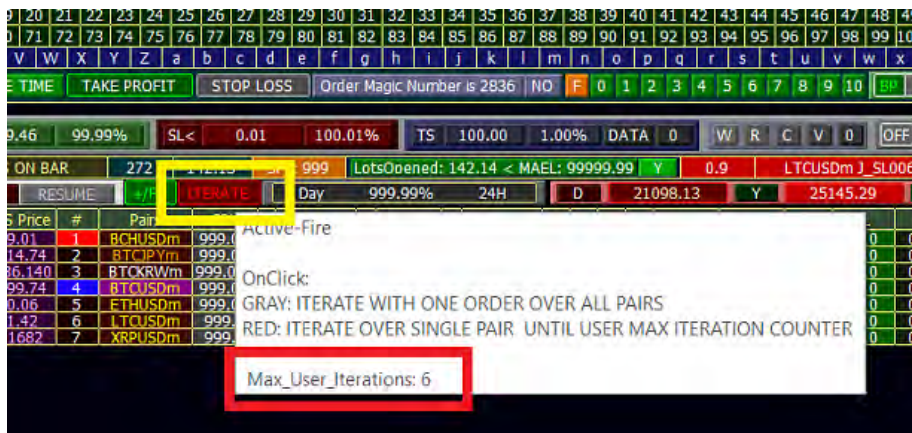
columns of TO (BUY) and LD (SELL)

their BGColor will react according to types color

## 7) Expert Timer button



DURING OPERATION: use expert timer 3 or more seconds. market will not fly, i personally use 7 seconds.



Post#5281

that is not true

**YOU** who make it to trade each 0.500 seconds. Iteration timer

i recommed always **to make expert very very slow** to get good results and give sudden colatity  
ample time to make prices better.

**market will not fly.**

## 8) Widening (W)

W = +1 (Deceleration)

W = -1 (Acceleration)

both on all 28 pairs use O=D=10 Pips

but **bazze** use **W = +1**

while **zorafx** W=0;

Price of YYYYXX pair now is **1.0000**

they want to enter sell postions on YYYYXX? for 4 orders??

what there 4 entry levels??

W=0 ==> Simple case, no Widening here (W=Widening)

so **zorafx** entry levels:

#1: **1.0010**

#2: **1.0020**

#3: **1.0030**

#4: **1.0040**

### a) Deceleration (W = 1)

Assume use **W = +1**

**but for bazze, matter is somewhat complicated.**

#1: **1.0010**----X

#2: **1.0020**----0

#3: **1.0031**----1

#4: **1.0043**----2

**O=D=10, distance b.w first two orders will be 10 pips,**

**now each new order will be the same immediate previous diffetence + W value ( read it again: plus W value)**

10 pips= difference in pips b/w 1st and 2nd orders

11 pips= difference in pips b/w 2nd and 3rd orders

12 pips= difference in pips b/w 3rd and 4th orders

13 pips= difference in pips b/w 4th and 5th orders

14 pips= difference in pips b/w 5th and 6th orders

### a) Acceleration (W = -1)

**Assume use W=-1,**

assume we continue . .

#1-: 1.00**10**---- first order X

#2-: 1.00**20**---- diff = **10** pips

#3-: 1.00**29**---- diff = **9** pips

#4-: 1.00**37**---- diff = **8** pips

#5-: 1.00**44**---- diff = **7**pips

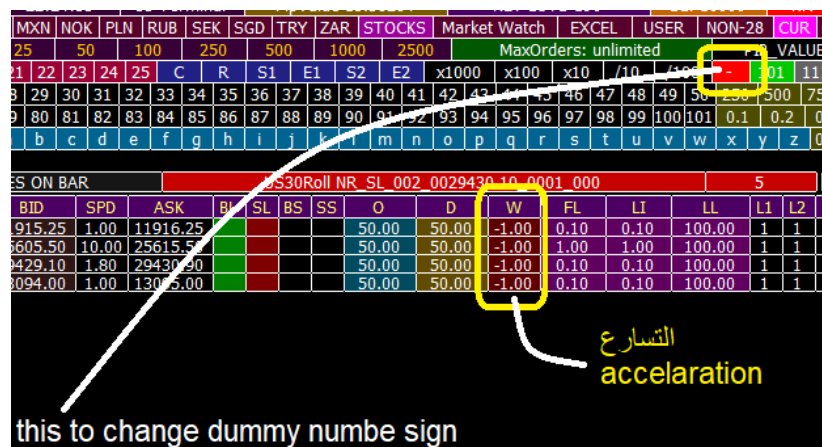
#6-: 1.00**50**---- diff = **6** pips

#7-: 1.00**55**---- diff = **5** pips

#8-: 1.00**59**---- diff = **4**pips

#9-: 1.00**62**---- diff = **3** pips

#10: 1.00**64**---- diff = 2 pips  
 #11: 1.00**65**---- diff = 1 pips  
 #12: 1.00**65**---- diff = 0 pips  
 #13: 1.00**64**---- diff = -1 pips



10 pips= difference in pips b/w 1st and 2nd orders  
 9 pips= difference in pips b/w 2nd and 3rd orders  
 8 pips= difference in pips b/w 3rd and 4th orders  
 7 pips= difference in pips b/w 4th and 5th orders  
 6 pips= difference in pips b/w 5th and 6th orders

What will happen if we continue for 15 orders??? rotation?  
 be cerful please, even though program is smart enough to avoid your possible mistakes

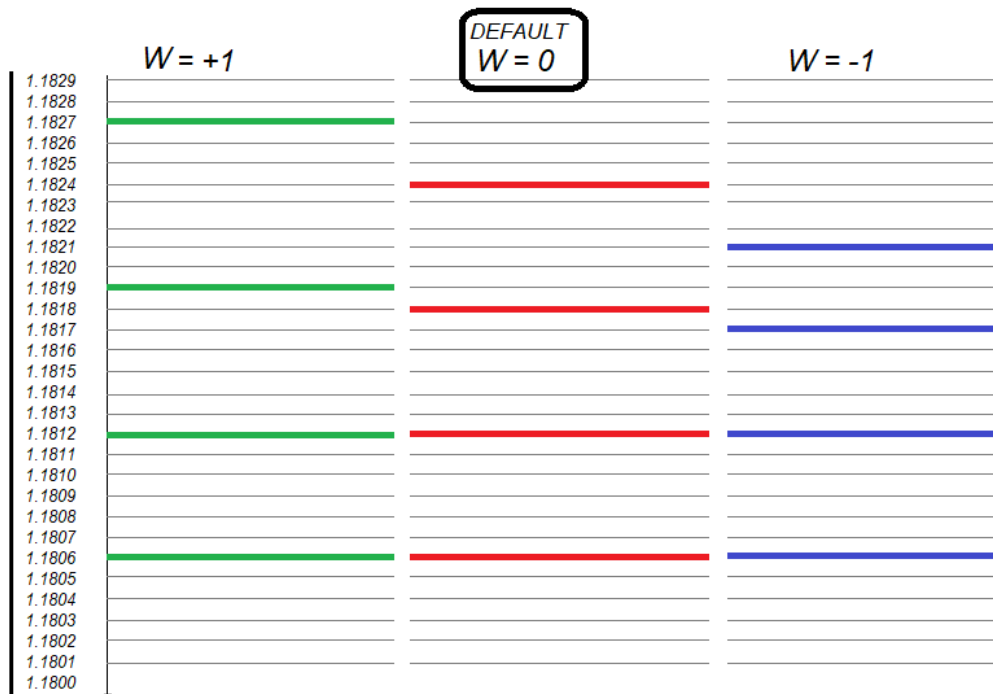
Order	Time	Type	Size	Symbol	Price	S / L	I / P	Price	Profit	Comment
Balance: 1,069.60 USD Equity: 1,069.60 Free margin: 1,069.60										0.00
2394593	2020.11.13 22:48:46	sell limit	0.22	eurusd	1.18424	0.00000	1.17424	1.18329	X	G_1.18324_SL00.22.00.100
2394592	2020.11.13 22:48:45	sell limit	0.21	eurusd	1.18524	0.00000	1.17524	1.18329	X	G_1.18324_SL00.21.100.100
2394590	2020.11.13 22:48:45	sell limit	0.20	eurusd	1.18614	0.00000	1.17614	1.18329	X	G_1.18324_SL00.20.100.100
2394589	2020.11.13 22:48:45	sell limit	0.19	eurusd	1.18694	0.00000	1.17694	1.18329	X	G_1.18324_SL00.19.100.100
2394588	2020.11.13 22:48:44	sell limit	0.18	eurusd	1.18764	0.00000	1.17764	1.18329	X	G_1.18324_SL00.18.100.100
2394587	2020.11.13 22:48:44	sell limit	0.17	eurusd	1.18824	0.00000	1.17824	1.18329	X	G_1.18324_SL00.17.100.100
2394586	2020.11.13 22:48:44	sell limit	0.16	eurusd	1.18874	0.00000	1.17874	1.18329	X	G_1.18324_SL00.16.100.100
2394585	2020.11.13 22:48:43	sell limit	0.15	eurusd	1.18914	0.00000	1.17914	1.18329	X	G_1.18324_SL00.15.100.100
2394584	2020.11.13 22:48:43	sell limit	0.14	eurusd	1.18944	0.00000	1.17944	1.18329	X	G_1.18324_SL00.14.100.100
2394582	2020.11.13 22:48:42	sell limit	0.13	eurusd	1.18964	0.00000	1.17964	1.18329	X	G_1.18324_SL00.13.100.100
2394581	2020.11.13 22:48:42	sell limit	0.12	eurusd	1.18974	0.00000	1.17974	1.18329	X	G_1.18324_SL00.12.100.100
2394580	2020.11.13 22:48:41	sell limit	0.11	eurusd	1.18974	0.00000	1.17974	1.18329	X	G_1.18324_SL00.11.100.100
2394579	2020.11.13 22:48:41	sell limit	0.10	eurusd	1.18964	0.00000	1.17964	1.18329	X	G_1.18324_SL00.10.100.100
2394578	2020.11.13 22:48:41	sell limit	0.09	eurusd	1.18944	0.00000	1.17944	1.18329	X	G_1.18324_SL00.09.100.100
2394577	2020.11.13 22:48:40	sell limit	0.08	eurusd	1.18914	0.00000	1.17914	1.18329	X	G_1.18324_SL00.08.100.100
2394575	2020.11.13 22:48:40	sell limit	0.07	eurusd	1.18874	0.00000	1.17874	1.18329	X	G_1.18324_SL00.07.100.100
2394574	2020.11.13 22:48:40	sell limit	0.06	eurusd	1.18824	0.00000	1.17824	1.18329	X	G_1.18324_SL00.06.100.100
2394573	2020.11.13 22:48:39	sell limit	0.05	eurusd	1.18764	0.00000	1.17764	1.18329	X	G_1.18324_SL00.05.100.100
2394572	2020.11.13 22:48:39	sell limit	0.04	eurusd	1.18694	0.00000	1.17694	1.18329	X	G_1.18324_SL00.04.100.100
2394571	2020.11.13 22:48:39	sell limit	0.03	eurusd	1.18614	0.00000	1.17614	1.18329	X	G_1.18324_SL00.03.100.100
2394570	2020.11.13 22:48:38	sell limit	0.02	eurusd	1.18524	0.00000	1.17524	1.18329	X	G_1.18324_SL00.02.100.100
2394568	2020.11.13 22:48:38	sell limit	0.01	eurusd	1.18424	0.00000	1.17424	1.18329	X	G_1.18324_SL00.01.00.100

W = minus 1 Effect

D Equity: 1,069.60 Free margin: 1,069.60								0.00	
1.11.13 22:48:46	sell limit	0.22	eurusd	1.18424	0.00000	1.17424	1.18325	×	G_1
1.11.13 22:48:45	sell limit	0.21	eurusd	1.18524	0.00000	1.17524	1.18325	×	G_1
1.11.13 22:48:45	sell limit	0.20	eurusd	1.18614	0.00000	1.17614	1.18325	×	G_1
1.11.13 22:48:45	sell limit	0.19	eurusd	1.18694	0.00000	1.17694	1.18325	×	G_1
1.11.13 22:48:44	sell limit	0.18	eurusd	1.18764	0.00000	1.17764	1.18325	×	G_1
1.11.13 22:48:44	sell limit	0.17	eurusd	1.18824	0.00000	1.17824	1.18325	×	G_1
1.11.13 22:48:44	sell limit	0.16	eurusd	1.18874	0.00000	1.17874	1.18325	×	G_1
1.11.13 22:48:43	sell limit	0.15	eurusd	1.18914	0.00000	1.17914	1.18325	×	G_1
1.11.13 22:48:43	sell limit	0.14	eurusd	1.18944	0.00000	1.17944	1.18325	×	G_1
1.11.13 22:48:42	sell limit	0.13	eurusd	1.18964	0.00000	1.17964	1.18325	×	G_1
1.11.13 22:48:42	sell limit	0.12	eurusd	1.18974	0.00000	1.17974	1.18325	×	G_1
1.11.13 22:48:41	sell limit	0.11	eurusd	1.18974	0.00000	1.17974	1.18325	×	G_1
1.11.13 22:48:41	sell limit	0.10	eurusd	1.18964	0.00000	1.17964	1.18325	×	G_1
1.11.13 22:48:41	sell limit	0.09	eurusd	1.18944	0.00000	1.17944	1.18325	×	G_1
1.11.13 22:48:40	sell limit	0.08	eurusd	1.18914	0.00000	1.17914	1.18325	×	G_1
1.11.13 22:48:40	sell limit	0.07	eurusd	1.18874	0.00000	1.17874	1.18325	×	G_1
1.11.13 22:48:40	sell limit	0.06	eurusd	1.18824	0.00000	1.17824	1.18325	×	G_1
1.11.13 22:48:39	sell limit	0.05	eurusd	1.18764	0.00000	1.17764	1.18325	×	G_1
1.11.13 22:48:39	sell limit	0.04	eurusd	1.18694	0.00000	1.17694	1.18325	×	G_1
1.11.13 22:48:39	sell limit	0.03	eurusd	1.18614	0.00000	1.17614	1.18325	×	G_1
1.11.13 22:48:38	sell limit	0.02	eurusd	1.18524	0.00000	1.17524	1.18325	×	G_1
1.11.13 22:48:38	sell limit	0.01	eurusd	1.18424	0.00000	1.17424	1.18325	×	G_1

**O** = Offset = **first** order level - reference price  
**D** = Difference b/w *n*<sup>th</sup> order and (*n*+1)<sup>th</sup> starting from 2nd order  
**W** = Widening +deaccelaration -accelaration

assume EUR USD now is 1.18000       $O = D = 6 \text{ pips}$



*First 4 orders for three cases*

## 2) First Lot (FL)

First Lot Size when price goes against you based on O and D Concept

## 3) Lot Increment (L) – based on FL

Lot Increment after First Lot (FL) order has been placed as per above

## 4) Lot Limiter (LL)

**LL** = Lot limiter column

this column values show the maximum accumulative pairs in one direction for each pair.

for example your balance is 4000 USD -- you want to enter 50 position on EURUSD -- and at the same time you do not want total lots to exceed 3 lots.

simply set EURUSD LL value to 3 lots to avoid risky situations!! it depends on you!

### a) Lot Limiter Button

Lot limiter

do you want to show **ALL** open Lots

or do you want to show **Array** Lots

or do you want to show **Expert** Lots



**Array:** when you choose for example EUR-7 (red EUR) -- This is **your current group selected**--in other words, this is the **array** of 7 pairs. expert will ignore other pairs not on dashboard.

also if you use "EXPERT" mode for LL, expert will be faster since **there is no** math calc for old orders lots.

## 5) L1/L2/L3

Refer to topic on Lots Design Configurations

## 6) Total Orders (TO)

Total orders in one direction (Buy/Sell) for each type (Stop/ Limit)

Example: TO=20, if you activate SL and BL---then there will be a maximum 20 orders Sell Limit and 20 Sell Limit Orders, which give a Grand total of **40 orders** for the particular pair

## 7) Ladder (LD)

Number of orders before new order **FI + LI** (subseq Last Order + LI) takes place, depending on **Ladder** Value of **LD**

Example:

FI = 0.01

LI = 0.01

**LD** = 5 (Ladder)

TO = 20 (total 20 Orders)

After first 5 orders, we increase next 5 orders by LI (0.01 in this case), up to max TO (20 in this case)

Therefore:

1st order = 0.01 lot

2nd order = 0.01 lot

3rd order = 0.01 lot

4th order = 0.01 lot

5th order = 0.01 lot

6th order = 0.02 lot (Last order lot + LI)

7th order = 0.02 lot

8th order = 0.02 lot

9th order = 0.02 lot

10th order = 0.02 lot

11th order = 0.03 lot (Last order lot + LI)

12th order = 0.03 lot

13th order = 0.03 lot

14th order = 0.03 lot

15th order = 0.03 lot

16th order = 0.04 lot (Last order lot + LI)

17th order = 0.04 lot

18th order = 0.04 lot

19th order = 0.04 lot

20th order = 0.04 lot



## 8) Take Profit (TP)

Number of Pips for target Take Profit

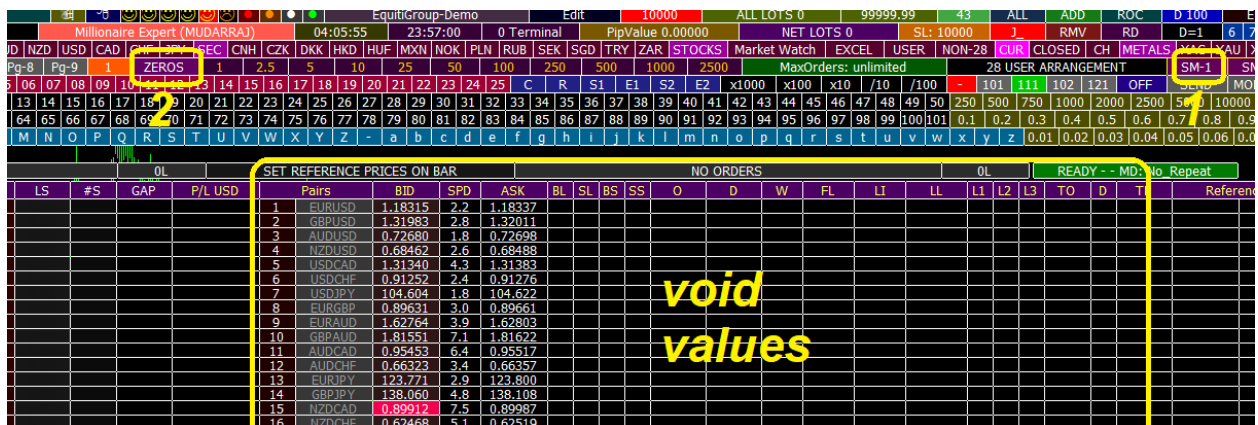
## 9) Reset – SM1 – “Zeros”

Reset all settings How to **reset** all previous settings?

click "**SM-1**", then click on "**Zero\_All**"

if you click one everything will be void including order types BL, SL, etc..

but since it is a dangerous step to zeros all fields, there is a safety condition: click first on box "SM-1", then "Zero\_All" will be ready to accept your click



LS	#S	GAP	P/L USD	Pairs	BID	SPD	ASK	BL	SL	BS	SS	O	D	W	FL	LI	LL	L1	L2	L3	TO	D	T	Referenc
				1	EURUSD	1.18315	2.2	1.18337																
				2	GBPUSD	1.31983	2.8	1.32011																
				3	AUDUSD	0.72680	1.8	0.72698																
				4	NZDUSD	0.68462	2.6	0.68488																
				5	USDCAD	1.31340	4.3	1.31383																
				6	USDCHE	0.91252	2.4	0.91276																
				7	USDJPY	104.604	1.8	104.622																
				8	EURGBP	0.89631	3.0	0.89661																
				9	EURAUD	1.62764	3.9	1.62803																
				10	GBPAUD	1.81551	7.1	1.81622																
				11	AUDCAD	0.95453	6.4	0.95517																
				12	AUDCHF	0.66323	3.4	0.66357																
				13	EURJPY	123.771	2.9	123.800																
				14	GBPJPY	138.060	4.8	138.108																
				15	NZDCAD	0.89912	7.5	0.89987																
				16	NZDCHF	0.62468	5.1	0.62519																

## 10) Halt Trading



## 9- Dashboard Part 1- First 8 Dashboard Columns + GAP

DB	MB	LB	#B	DS	MS	LS	#S	Reference B/S Price	Pairs	ASK	SPD	BID	LD	TP	GAP	P/L USD
-1.21256	-1.21256	-1.21256	1	-1.21256	-1.21256	-1.21256	1	1.21256	EURUSD	1.21248	0.0	1.21248	1	20.0	1.8	2.14
-1.33431	-1.33431	-1.33431	2	-1.33431	-1.33431	-1.33431	2	1.33431	GBPUSD	1.33451	0.3	1.33448	1	20.0	4.9	1.74
-0.74260	-0.74260	-0.74260	3	-0.74260	-0.74260	-0.74260	3	0.74260	AUDUSD	0.74274	0.2	0.74272	1	20.0	2.9	6.62
-0.70465	-0.70465	-0.70465	4	-0.70465	-0.70465	-0.70465	4	0.70465	NZDUSD	0.70467	0.2	0.70465	1	20.0	3.4	3.05
-1.27888	-1.27888	-1.27888	5	-1.27888	-1.27888	-1.27888	5	1.27888	USDCAD	1.27870	0.2	1.27868	1	20.0	1.4	
-0.88980	-0.88980	-0.88980	6	-0.88980	-0.88980	-0.88980	6	0.88980	USDCHE	0.88986	0.0	0.88986	1	20.0	0.5	
-1.04067	-1.04067	-1.04067	7	-1.04067	-1.04067	-1.04067	7	1.04067	USDJPY	104.069	0.1	104.068	1	20.0	3.5	5.69
-0.90879	-0.90879	-0.90879	8	-0.90879	-0.90879	-0.90879	8	0.90879	EURGBP	0.90860	0.3	0.90857	1	20.0	6.2	4.55
-1.63291	-1.63291	-1.63291	9	-1.63291	-1.63291	-1.63291	9	1.63291	EURAUD	1.63251	0.7	1.63244	1	20.0	4.6	82.42
-1.79686	-1.79686	-1.79686	10	-1.79686	-1.79686	-1.79686	10	1.79686	GBPUSD	1.79684	1.5	1.79669	1	20.0	1.5	-5.16
-0.94971	-0.94971	-0.94971	11	-0.94971	-0.94971	-0.94971	11	0.94971	AUDCAD	0.94974	0.6	0.94968	1	20.0	2.4	
-0.66078	-0.66078	-0.66078	12	-0.66078	-0.66078	-0.66078	12	0.66078	AUDCHF	0.66093	0.1	0.66092	1	20.0	1.4	0.92
-1.26187	-1.26187	-1.26187	13	-1.26187	-1.26187	-1.26187	13	1.26187	EURJPY	126.184	0.3	126.181	1	20.0	4.8	5.52
-1.38855	-1.38855	-1.38855	14	-1.38855	-1.38855	-1.38855	14	1.38855	GBPJPY	138.882	0.8	138.874	1	20.0	1.9	
-0.90118	-0.90118	-0.90118	15	-0.90118	-0.90118	-0.90118	15	0.90118	NZDCAD	0.90111	1.0	0.90101	1	20.0	2.6	
-0.62700	-0.62700	-0.62700	16	-0.62700	-0.62700	-0.62700	16	0.62700	NZDCHF	0.62707	0.5	0.62702	1	20.0	3.9	-1.51
-1.55072	-1.55072	-1.55072	17	-1.55072	-1.55072	-1.55072	17	1.55072	EURCAD	1.55043	0.8	1.55035	1	20.0	3.3	28.05
-1.70643	-1.70643	-1.70643	18	-1.70643	-1.70643	-1.70643	18	1.70643	GBPCAD	1.70649	1.6	1.70633	1	20.0	1.5	-0.54
-1.05393	-1.05393	-1.05393	19	-1.05393	-1.05393	-1.05393	19	1.05393	AUDNZD	1.05403	0.6	1.05397	1	20.0	1.7	
-0.69579	-0.69579	-0.69579	20	-0.69579	-0.69579	-0.69579	20	0.69579	CADCHF	0.69594	0.6	0.69588	1	20.0	1.6	
-1.07897	-1.07897	-1.07897	21	-1.07897	-1.07897	-1.07897	21	1.07897	EURCHF	1.07894	0.2	1.07892	1	20.0	4.4	34.66
-1.18728	-1.18728	-1.18728	22	-1.18728	-1.18728	-1.18728	22	1.18728	GBPCHF	1.18754	1.0	1.18744	1	20.0	3.0	5.76
-77.280	-77.280	-77.280	23	-77.280	-77.280	-77.280	23	77.280	AUDJPY	77.295	0.3	77.292	1	20.0	3.2	
-73.332	-73.332	-73.332	24	-73.332	-73.332	-73.332	24	73.332	NZDJPY	73.337	0.8	73.329	1	20.0	2.0	
-81.375	-81.375	-81.375	25	-81.375	-81.375	-81.375	25	81.375	CADJPY	81.388	0.4	81.384	1	20.0	1.9	3.55
-116.960	-116.960	-116.960	26	-116.960	-116.960	-116.960	26	116.960	CHFJPY	116.953	0.5	116.948	1	20.0	5.9	-25.46
-1.72092	-1.72092	-1.72092	27	-1.72092	-1.72092	-1.72092	27	1.72092	EURNZD	1.72075	1.7	1.72058	1	20.0	4.6	88.02
-1.89370	-1.89370	-1.89370	28	-1.89370	-1.89370	-1.89370	28	1.89370	GBPUSD	1.89393	2.7	1.89366	1	20.0		

**DB-MB-#B-LB** ----- CALCUALTIONS BASED ON **BUY** POSITIONS

**DS-MS-#S-LS**----- CALCUALTIONS BASED ON **SELL** POSITIONS

and

**GAP** ----- extreme price movement range

Also be careful-- 4 OF thses 9 columns boxes are action-event objects. ==> #B - #S - LB - LS. The smart point here is that:each box is an INPUT/OUTPUT box! something strange, usually others(like programmers) are not used to.each box is input and also is output!

### 1) DB/DS

**DB column:** values there are Current Price **ASK** minus **BUY** reference price

= difference in pips b/w current price and reference price---->for **buy** direction

it answers question: when I apply expert how many pips price goes against me?? (price goes **down**)

**DS column:** values there are Current Price **BID** minus **SELL** reference price

= difference in pips b/w current price and reference price---->for **sell** direction

it answers question: when I apply expert how many pips price goes against me?? (price goes **up**)

we know **Buy** orders are executed at **ASK** price not **BID** price (people ambiguously connect bid to buy . . . . and ask to sell) during **entry**.

their connection is correct only during **exit** not **entry**.

Market rule:

**BUY ENTRY** at **ASK** price, ---- **BUY EXIT** at **BID** price.

**SELL ENTRY** at **BID** price, --- **SELL EXIT** at **ASK** price.

Timer update is currently set at 2.000 sec										New ord	
LAST BUYLIMIT/BUYSTOP ORDER COMMENT							0 Lots	SET REFERENCE PRICES ON BAR			
DB	MB	LB	#B	DS	MS	LS	#S	Reference B/S Price		Pairs	
49.8	-28.8			-49.8	-49.8			1.19134	1.19108	1	EURUSD
-61.2	-61.2			61.2	-36.1			1.33805	1.33605	2	GBPUSD
41.3	-1.2			-41.3	-41.3			0.73541	0.73341	3	AUDUSD
31.0	-10.0			-31.0	-31.0			0.70019	0.69845	4	NZDUSD
1.1	-9.6			1.1	-31.6			1.29992	1.29902	5	USDCAD
-31.3	-31.3			31.3	-17.3			0.90815	0.90753	6	USDCHF
32.6	32.6			-32.6	-6.5			104.451	104.404	7	USDJPY
98.2	-2.4			-98.2	-98.2			0.89002	0.88802	8	EURGBP
34.2	-21.5			34.2	66.0			1.61763	1.61463	9	EURAUD
-140.2	-140.2			140.2	5.6			1.81723	1.81423	10	GBPCHF
43.2				-43.2	2.0			0.95679	0.95417	11	AUDCAD
11.3	-16.3			-11.3	5.0			0.66795	0.66587	12	AUDCHF
15.0	-54.3			15.0	1.1			124.443	124.347	13	EURJPY
-111.0	-111.0			111.0	1.9			139.785	139.485	14	GBPJPY
36.1	-10.0			-36.1	-18.2			0.91036	0.90794	15	NZDCAD
-1.6	-24.7			1.6	-21.5			0.63618	0.63472	16	NZDCHF
67.9	-20.7			-67.9	-67.9			1.54845	1.54714	17	EURCAD
-78.7	-78.7			78.7	58.8			1.73843	1.73543	18	GBPCAD
39.7	-0.1			-39.7	-62.9			1.04908	1.04608	19	AUDNZD
-7.5	-15.8			7.5	-26.7			0.69730	0.69621	20	CADCHF
5.2	28.2			-5.2	-18.7			1.08212	1.08122	21	EURCHF
-98.9	-98.9			98.9	-35.4			1.21527	1.21227	22	GBPCHF
17.9	-16.1			-17.9	-30.9			76.814	76.611	23	AUDJPY
3.5	-27.4			-3.5	-26.3			73.172	72.999	24	NZDJPY
-10.7	-22.2			10.7	-15.4			80.266	80.179	25	CADJPY

## dark or shining colours??

when **DB** box is **not** important?

ans: **when its value is +ve** ===== no **BUY** orders will be executed

when **DS** box is **not** important?

ans: **when its value is +ve** ===== no **SELL** orders will be executed

So **non-important values** will be **dark** green(for buys) of red(for sells)

while important values (-ve ones) will be **shining** green or red

## 2) MB/MS

Max worst B/S Pips. **M** = **Maximum** = maximum pips market goes against you in **both cases**: 1) buy direction and 2) sell direction.

**MB**: Maximum worst pips for BUY

**MS**: Maximum worst pips for SELL

look at account now:

**now free margin is minus** -- does column **#B**, **#S** values will change?

this is the most **difficult** part of expert as we noted earlier. **concentrate** during reading



to answer this question we must first understand what is the **purpose** or meaning of these **two** columns.

and to understand these two columns you have to understand first two extreme pips columns (**MB** and **MS**)

### 3) #B/#S

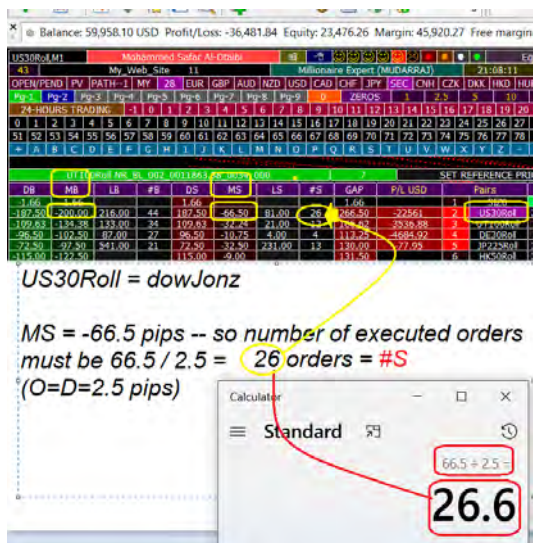
Number of B/S orders executed by expert

For **US30Roll**--there was adequate free margin ---therefore all orders are executed-no restrictions

#S = 26 orders -- reason: Market goes up by 66.5 pips since applying expert(=Goes against us by 66.5 pips up)

since our setting is O=D=2.5 pips (put **new order each 2.5 pips**) then total orders must be  $66.5 / 2.5 = 26$  (integer number)

**#S** is number of sell order executed by expert.  
look at picture.



for buy:

For **US30Roll**--there was **no** adequate free margin ---therefore **not** all orders are executed--restrictions

Balance: 59,958.10 USD Profit/Loss: -36,481.84 Equity: 23,476.26 Margin: 45,920.27 Free margin:

DB	MB	LB	#B	DS	MS	LS	#S	GAP	P/L USD	Pairs
-1.66	-1.66	1.66	44	1.66	-66.50	81.00	26	266.50	-22561	1 US30Roll
-187.50	-200.00	216.00	34	109.63	-32.24	21.00	12	166.62	-3536.88	2 UT100Roll
-109.63	-134.38	133.00	2	96.50	-10.75	4.00	4	113.25	-4684.92	4 DE30Roll
-96.50	-102.50	87.00	71	72.50	-32.80	231.00	13	130.00	-77.95	5 JP225Roll
-72.50	-97.50	541.00								
-115.00	-122.50									

MB = -200 pips

Therefore we expect #B =  $200/2.5 = 80$  orders

But we see #B = 44 not 80 !!!!

Reason: after order #44 we fell in minus margin

effect of minus free margin = any order satsiy entry condition will not executed. except when it is a hedging position

#### 4) LB/LS

Columns LB, LS === L = Lots

Total "accumulated" executed order lots are recorded.

for example if you look at prev picture:

there is **81** lot of sell positions and **216** lots for buy position on US30Roll

Balance: 59,958.10 USD Profit/Loss: -36,481.84 Equity: 23,476.26 Margin: 45,920.27 Free margin: -22,444.01 Margin level: 51.12%

DB	MB	LB	#B	DS	MS	LS	#S	GAP	P/L USD	Pairs	BID	SPD	ASK	BL	SL
-1.66	-1.66	1.66	44	1.66	-66.50	81.00	26	266.50	-22561	1 US30Roll	24.299	0.18	24.317		
-187.50	-200.00	216.00	34	109.63	-32.24	21.00	12	166.62	-3536.88	2 UT100Roll	29055.10	1.80	29056.90		
-109.63	-134.38	133.00	2	96.50	-10.75	4.00	4	113.25	-4684.92	4 DE30Roll	11838.25	1.00	11839.25		
-96.50	-102.50	87.00	71	72.50	-32.80	231.00	13	130.00	-77.95	5 JP225Roll	12967.25	1.00	12968.25		
-72.50	-97.50	541.00									25354.50	10.00	25364.50		
-115.00	-122.50										26181.00	6.00	26187.00		
-24											6406.60	4.80	6411.40		
-39											5334.40	1.20	5335.60		
-58											7674.00	6.00	7680.00		
-25											3408.05	0.90	3408.95		
-49											16401.44	8.70	16410.14		
-1.6											24.223	0.23	24.246		
-7											1875.98	0.31	1876.29		
-2											42.050	0.33	42.083		
-3											44.195	0.31	44.226		
-26											0.72354	1.7	0.72371		
-23											0.68450	2.2	0.68472		
13											1.31353	2.3	1.31376		
2											105.204	1.5	105.219		
-9											1.17961	1.5	1.17976		
46											1.63010	2.6	1.63036		
3											1.72301	3.4	1.72335		
-6											1.54947	3.7	1.54984		
15											124.104	2.4	124.128		
											0.89971	2.2	0.89993		

Columns LB, LS === L = Lots

under these two columns--total "accumulated" executed order lots are recorded.

for example if you look at prev picture:

there is **81** lot of sell positions and **216** lots for buy position on US30Roll

Trading Systems / Millionaire Expert (save as EA) 1 2 3 4 Page 5

16 traders viewing now, 4 are members: Macd-rsi, roberg, LuisCarlosE, juisen25

#### a) Accumulated Lots Formula

n = No. of orders (20 in the above example)

FL = First Lot (0.01)

for **101**-config: very simple rule =  $n * FL$

for **111**-config: very simple rule =  $n * FL * (1+n)/2$  ----->  $20 * 0.01(1+20)/2 = 0.2 * 21/2 = 2.1$  (check last prev case)

for **102**-config: very simple rule =  $(2^n - 1) * FL$

assume my account is 1K USD, !! and I want to check for 20 orders starting with 0.01 lot with ladder = 1 !!

**does my account tolerate that?**

what is the general rule that I use in advance to know total possible lots prior to attaching expert!  
(risk-reward study)

$(0.01 + 0.20)/2 * 20 = 0.21 * 10 = 2.1$  Lots!!

2.1 lot ==> pip value is 21.0,

1000/21.0 = **margin call** will be after 40 to 35 pips!! very near!!

Agree

crazy trading!

for 1k lots should not exceed your "frequency" number! (max tolerance)

say mcp (margin call pips) = 250 pips! therefore lots should not exceed 0.40 lots!

## b) Margin Call Pips

in forex make your holy number -- it must be **Margin Call Pips**-MCP- open new positions as much as you like, but please at some specific time stop.  
stop when the margin call pips reach your x-pips

your x is different from my x

if you can tolerate up to 250 pips, your x is 250 pips! your psychological holy number when MCP goes down to 240, may you will be nervous upset,

## 5) Gap

**Updated version: See Mathematical Cal Boxes > Gap**

it is the total range in pips b/w highest price and lowest price since referencing (starting expert)  
by logic == **GAP = MB + MS**



Balance: 29,562.50 USD Profit/Loss: -22,143.10 Equity: 7,419.40 Margin: 17,924.52

US30Roll,H4 Mohammed Safar Al-Otaibi

43 My Web Site 11 Millionaire Expert (MUDARRAJ)

OPEN/PEND PV PATH--1 MY 28 EUR GBP AUD NZD USD CAD CHF JPY SEC CNH CZK

Pg-1 Pg-2 Pg-3 Pg-4 Pg-5 Pg-6 Pg-7 Pg-8 Pg-9 0 ZEROS 1 2.5

24-HOURS TRADING -1 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75

+ A B C D E F G H I J K L M N O P Q R S T U V W X

UT100Roll NR BL 002 0011863.88 0034 000 7 SET RE

DB	MB	LB	#B	DS	MS	LS	#S	GAP	P/L USD	
-1.50	2.86			1.50				2.00		1
-229.50	-256.50	216.00	44	229.50	-66.50	81.00	26	323.00	-2535.4	2
-142.76	-152.88	188.00	34	142.76	-37.24	21.00	12	166.02	-5325.9	3
-96.25	-105.75	87.00	27	96.25	-10.75	4.00	4	116.50	-4663.8	4
-117.50	-127.5								-167.91	5
-175.00	-180.5									6
-32.00	-34.50									7
-42.75	-45.25									8
-64.50	-71.00									9
-27.00	-28.00									10
-62.50	-67.00			63.20				67.00		11
-1.45	-2.00			1.44	-0.03			2.03		12

256.50 + 66.5 = 323 pips

This column shows "*since-last-referencing*" range in pips.

**red:** range 100 or above

**brown:** range is 50 or above till 9.99

**dark blue:** range less than 50 pips

2 3 4 5 6 7 8 9 10 ONE TIME

LL	L1	L2	L3	TO	LD	TP	GAP	P/L USD	Average
999.00	1	1	1	84	84	60.0	15.0		
999.00	1	1	1	84	84	60.0	71.00	10.9	
999.00	1	1	1	84	84	60.0	18.13		
999.00	1	1	1	84	84	60.0	40.75	5.68	
999.00	1	1	1	84	84	60.0	60.00	0.04	
999.00	1	1	1	84	84	60.0	124.00	-10.13	26399.17
999.00	1	1	1	84	84	60.0	55.00		
999.00	1	1	1	84	84	60.0	37.90		
999.00	1	1	1	84	84	60.0	82.00		
999.00	1	1	1	84	84	60.0	26.00		
999.00	1	1	1	84	84	60.0	480.40	-10.7	16758.65
999.00	1	1	1	84	84	60.0	19.06		
999.00	1	1	1	84	84	60.0	84.6		
999.00	1	1	1	84	84	60.0	94.9		
999.00	1	1	1	84	84	60.0	27.5		
999.00	1	1	1	84	84	60.0	26.6		
999.00	1	1	1	84	84	60.0	13.9		
999.00	1	1	1	84	84	60.0	20.9		
999.00	1	1	1	84	84	60.0	14.3		
999.00	1	1	1	84	84	60.0	48.0		
999.00	1	1	1	84	84	60.0	54.1		
999.00	1	1	1	84	84	60.0	15.2		
999.00	1	1	1	84	84	60.0	22.0		
999.00	1	1	1	84	84	60.0	17.8		
999.00	1	1	1	84	84	60.0	24.2		
999.00	1	1	1	84	84	60.0	79.8		
999.00	1	1	1	84	84	60.0	89.2		
999.00	1	1	1	84	84	60.0	34.5		
999.00	1	1	1	84	84	60.0	37.5		
999.00	1	1	1	84	84	60.0	11.6		
999.00	1	1	1	84	84	60.0	27.7		
999.00	1	1	1	84	84	60.0	28.1		
999.00	1	1	1	84	84	60.0	20.6		
999.00	1	1	1	84	84	60.0	20.9		
999.00	1	1	1	84	84	60.0	15.3		
999.00	1	1	1	84	84	60.0	52.49		
999.00	1	1	1	84	84	60.0	45.39		
999.00	1	1	1	84	84	60.0	39.64		
999.00	1	1	1	84	84	60.0	15.31		
999.00	1	1	1	84	84	60.0	67.17		
999.00	1	1	1	84	84	60.0	68.6		
999.00	1	1	1	84	84	60.0	98.5		

20:00 11 Nov 20:00 12 Nov 20:00 13 Nov 20:00 14 Nov 20:00



## 10- Dashboard Part 2 – Last 5 Columns – Average Prices/ Pips/ Net Lots

	Average prices	Average Pips	Net/Lot
1.21146	17.8	0.02	
1.33498	-8.6	-0.07	
0.74111	21.6	0.04	
1.27963	21.0	-0.04	
0.90779	4.2	0.06	
1.63425	1.63372	-19.9	13.9
1.80034	30.9	-0.32	
0.94822	-13.4	-0.04	
126.136	10.4	0.02	
138.923	-7.5	-0.30	
1.54956	-3.9	-0.02	
1.70754	9.5	-0.38	
1.05371	-3.7	-0.02	
1.18906	8.8	-0.21	
77.145	19.3	0.04	
116.770	21.5	0.02	
1.72243	-20.1	0.17	
1.89731	28.9	-0.36	

### 1) Average Prices

First two columns under title "Average prices"

0.03	0.04	0.05	0.06	0.07	0.08	0	1	2	3
DY -- MD: Repeat						AUR-NE			
D	TP	References		Average prices		Average Pips		Net/Lot	
5	84.00	24.330	24.312	29139.47	119.37	312.00			
5	84.00	29222.90	29217.10	11801.34	11843.38	23.91	17.13	-63.00	
5	84.00	11823.50	11820.50	13023.40	-54.40			1188.00	
5	84.00	13128.75	13123.75						
5	84.00	25384.50	25374.50						
5	84.00	26140.00	26134.00						
5	84.00	6421.90	6420.10						
5	84.00	5409.00	5403.80						
5	84.00	7793.50	7787.50						
5	84.00	3441.45	3440.55						
5	84.00	16325.44	16317.54						
5	84.00	24.274	24.240						
5	84.00	1880.03	1870.02						
5	84.00	41.834	41.782						
5	84.00	44.070	44.026						
5	84.0	0.72737	0.72722						
5	84.0	0.68788	0.68768						
5	84.0	1.30788	1.30764						
5	84.0	105.294	105.278						
5	84.0	1.17740	1.17725						
5	84.0	1.61892	1.61866						
5	84.0	1.71193	1.71163						
5	84.0	1.53982	1.53946						
5	84.0	123.964	123.944						
5	84.0	0.89143	0.89120						
5	84.0	1.32098	1.32076						

First column shows average prices of all **buy** positions if any for each pair

Second column shows average prices of all **sell** positions if any for each pair

all these columns fields are non-action click event -- that mean only shows values (output) -- if you click on them or not, **nothing will change**.

They just display values of average prices starting with comment letter. or AVERAGE OF of all if you select "ALL"

## 2) Average Pips

"Average pips" title has two columns showing your profit or loss in pips for each pair for both types buy and sell

first column for buy--second for sell

mathematically, it is the difference b/w current price and average price in pips

Average prices	Average Pips	Net/Lot
29.47	-93.37	312.00
11.34	33.54	-63.00
23.40	-45.90	188.00

## 3) Net/ Lots

0 1000 2000 2500 3000 10000 20000 30000

0.3 0.4 0.5 0.6 0.7 0.8 0.9 0.09

0.01 0.02 0.03 0.04 0.05 0.06 0.07 0.08

5th

0 1 2 3

READY - - MD: Repeat    AUR-NR

L3	TO	D	TP	References	Average prices	Average Pips	Net/Lot
1	970	5	84.00	24.330	24.312		
1	970	5	84.00	29222.90	29217.10	29139.47	312.00
1	970	5	84.00	11823.50	11820.50	11801.34	-63.00
1	970	5	84.00	13128.75	13123.75	13023.40	188.00
1	970	5	84.00	25384.50	25374.50		
1	970	5	84.00	26140.00	26134.00		
1	970	5	84.00	6421.90	6420.10		
1	970	5	84.00	5409.00	5403.80		
1	970	5	84.00	7793.50	7787.50		
1	970	5	84.00	3441.45	3440.55		
1	970	5	84.00	16325.44	16317.54		
1	970	5	84.00	24.274	24.240		
1	970	5	84.00	1880.03	1870.02		

Macd-rsi | Joined Oct 2019

Font    Size    A    A    B    I    U    S

and the last dashboard column named "NetLots" is for net lots

negative value on brown box: sells lots > buys lots

and the last dashboard column named "NetLots" is for net lots of open position (buys lots minus sell lots)

negative value on brown box: sells lots > buys lots

## 11- Lots and Spreads

### 1) Maximum Lots

Maximum Lots allowed is based only on ALL orders opened for **ALL** (diff from Lot Limiter **LL** previous section) pairs by expert (does not include orders opened manually or by other experts)

edit 10 here -- then mouse click on it  
check here

click here

open lots are 412.55 lots ---- more than Limit of 10 lots!!!!

therefore both boxes will be RED

MaxLot Box

assume you apply expert to 66 pairs!!

and you want to prevent operation if total lots of opened positions for all these 66 pairs reach some level--let us say 10 lot.

what should you do!

ans: Feed "**Maximun\_Lots**" box with value of 10.

now may EURUSD positions sums up to **3** lots,

USD JPY sums to **2.22** lots,

GBPUSD sums to **4** lots

and assume next expert order on GBPUSD with value of 2 lot.

expert will **rejet this value** and **modify it** to a new lower value to ensure that "*max lots not to exceed 10 lots*"

2 lots will be changed to **0.78** lot

$$3 + 2.22 + 4 + 0.78 = 10 \text{ lots}$$

you will choose a value that **suite your balance!** and are convinient to your risk tolerance.

the program default value is almsot infinity "Big Number = 10000 Lots"

to change this value just type in edit field, then click again on edit value--to memorize it. then click on "MaxLot" box--you will see new value inside the box.

### 2) UP/ Down Arrows

do you want to see these price-movement indicators or not?

just click on "x" or "x" to activate deactivate.

Gray-Background -- arrows ON

Similar to ask or bid fields colOr--- arrows OFF

99.99%	SL<	0.01	100.01%	TS	100.0
221 sec	28	MOUSE CLICKS	821 sec	1	
RESUME	Day	999.99%	24H	D	
Pairs	d	ASK	SPD	BID	BL
AUDCAD	0.97094	7.5	0.97019		
AUDCHF	0.66913	8.8			
AUDJPY	77.938	4.7			
AUDNZD	1.06784	7.5			
AUDUSD	0.75193	3.3			
CADCHF	0.68954	10.8			
CADJPY	80.303	5.0	80.253		
CHFJPY	116.571	10.8	116.463		
EURAUD	1.61859	10.3	1.61756		
EURCAD	1.57104	14.2	1.56962		
EURCHF	1.08258	12.0	1.08138		
EURGBP	0.91110	5.8	0.91052		
EURJPY	126.088	5.2	126.036		
EURNZD	1.72810	19.0	1.72620		
EURUSD	1.21651	3.1	1.21620		
GBPAUD	1.77762	20.3	1.77559		
GBPCAD	1.72547	23.6	1.72311		
GBPCHE	1.18908	23.0	1.18678		
GBPJPY	138.478	10.9	138.369		
GBPNZD	1.89797	24.1	1.89556		
GBRUSD	1.33603	7.0	1.33533		

### 3) Spread Limited (SL SPL)

Reject orders if spread is widening beyond our "SPREAD LIMITER" **SPL: 10000** (new version)

**SL=10000 Pipette = almost no limit**

margin level: 84.20%

454554	454554	ALL LOTS 84.95	454554.00	43	ALL	ADD	ROC	D 100
40 Terminal	PipValue 8.11577	NET LOTS 80.15	SL: 10000	NR	RMV	RD	D=1	
N RUB	SEK	SGD	TRY	ZAR	STOCKS	Market Watch	EXCEL	USER
100	250	500	1000	2500	MaxOrders: unlimited	EXCEL 1 PAIRS	SM-1	
25	C	R	S1	E1	S2	E2	x1000	x100
32	33	34	35	36	37	38	39	40
83	84	85	86	87	88	89	90	91
e	f	g	h	i	j	k	l	m
HK50Roll NR SL 005 0026244.50								
ASK	BL	SL	BS	SS	O	D	W	
24.307					2.50	2.50		
29552.40					2.50	2.50		
11621.12					2.50	2.50		
13209.75					2.50	2.50		
25439.50					2.50	2.50		
26261.00					2.50	2.50		
6462.40					2.50	2.50		
5450.10					2.50	2.50		
7780.50					2.50	2.50		
3452.95					2.50	2.50		
16410.51					2.50	2.50		
24.246					2.50	2.50		
1877.35					2.50	2.50		
42.758					2.50	2.50		

SL is SpreadLimiter not StopLoss

"Spread Limiter Box"

usually spread of EURUSD is about 1.6 pips!

tell expert to avoid opening positions on this pair if entry conditions are satisfied when spread is 5.0 pips  
 it is 5.0 not 5 -- we say **"five point zero"** <----- very important here

**SL** is **S**pread**L**imiter not **S**top**L**oss

#S	GAP	P/L USD	Pairs	BID	SPD	ASK	BL	SL	BS	SS	O	D	W	FL	LI	L1	L2	L3	T
	0.94		SI20	24.237	2.80	24.255					2.50	2.50		0.01	0.01	inf	1	1	1
12	81.50	-9867.3	US30Roll	29552.10	2.80	9554.90					2.50	2.50		0.10	0.10	inf	1	1	1
5	51.63	-10.22	UT100Roll	11652.62	1.00	11653.62					2.50	2.50		0.10	0.10	inf	1	1	1
4	49.50	18.94	DE30Roll	13212.25	1.00	13213.25					2.50	2.50		0.10	0.10	inf	1	1	1
11	80.00	-0.16	JP225Roll	25489.50	10.00	25490.50					2.50	2.50		1.00	1.00	inf	1	1	1
1	39.00	-44.04	HK50Roll	26247.50	6.00	26248.50					2.50	2.50		0.10	0.10	inf	1	1	1
1	15.00	-0.86	AUS200Roll	6461.60	4.80	6462.40					2.50	2.50		0.10	0.10	inf	1	1	1
3	24.75	11.21	FRA40Roll	5438.90	1.20	5439.10					2.50	2.50		0.10	0.10	inf	1	1	1
1	56.00	52.57	ESP35Roll	7734.50	6.00	7735.50					2.50	2.50		0.10	0.10	inf	1	1	1
6	12.00	1.45	EU50Roll	3449.05	2.00	3449.95					2.50	2.50		0.10	0.10	inf	1	1	1
1	29.90	-173.8	CHINA50Ro	16431.41	8.20	16439.61					2.50	2.50		0.10	0.10	inf	1	1	1
	0.94		XAGUSD	24.173	0.25	24.198					2.50	2.50		0.01	0.01	inf	1	1	1
	2.79		XAUUSD	1877.26	0.26	1877.52					2.50	2.50		0.01	0.01	inf	1	1	1
	1.88		USOILRoll	42.666	0.33	42.699					2.50	2.50		0.01	0.01	inf	6	1	1
	2.11		UKOILRoll	44.820	0.30	44.850					2.50	2.50		0.01	0.01	inf	1	1	1
	7.0	-0.01	AUDUSD	0.72890	1.8	0.72908					2.5	2.5		0.01	0.01	inf	1	1	1
	11.9	-0.79	NZDUSD	0.68740	2.1	0.68761					2.5	2.5		0.01	0.01	inf	1	1	1
4	12.4	0.14	USDCAD	1.30521	1.8	1.30539					2.5	2.5	18.0	0.01	0.01	inf	1	1	1
2	11.6	-1.24	USDJPY	105.466	1.5	105.481					2.5	2.5		0.01	0.01	inf	1	1	1
	11.7	-0.67	EURUSD	1.17916	1.4	1.17930					2.5	2.5		0.01	0.01	inf	1	1	1
1	9.6	0.01	EURAUD	1.61747	2.8	1.61775					2.5	2.5		0.01	0.01	inf	1	1	1
1	21.7	-0.91	EURNZD	1.71504	3.8	1.71542					2.5	2.5		0.01	0.01	inf	1	1	1
1	12.5	-0.13	EURCAD	1.53904	3.8	1.53942					2.5	2.5		0.01	0.01	inf	1	1	1
	10.4		EURJPY	124.368	2.1	124.389					2.5	2.5		0.01	0.01	inf	1	1	1
	3.7		EURGBP	0.88767	2.5	0.88792					2.5	2.5		0.01	0.01	inf	1	1	1
	12.8	-1.45	GBPUSD	1.32811	2.6	1.32837					2.5	2.5		0.01	0.01	inf	1	1	1
1	13.7	-0.3	GBP AUD	1.82177	5.3	1.82230					2.5	2.5		0.01	0.01	inf	1	1	1
3	28.4	-2.51	GBP NZD	1.93169	5.9	1.93228					2.5	2.5		0.01	0.01	inf	1	1	1
1	15.5	-0.21	GBPCAD	1.73349	5.2	1.73401					2.5	2.5		0.01	0.01	inf	1	1	1
1	12.4	-0.03	GBPJPY	140.080	2.8	140.108					2.5	2.5		0.01	0.01	inf	1	1	1
	13.0		AUDNZD	1.06019	3.2	1.06051					2.5	2.5		0.01	0.01	inf	1	1	1
1	7.4	0.09	AUDCAD	0.95138	2.6	0.95164					2.5	2.5		0.01	0.01	inf	1	1	1
	10.6	-0.49	NZDCAD	0.89724	3.0	0.89754					2.5	2.5		0.01	0.01	inf	1	1	1
6	25.15	-0.7	USDMXN	20.3040	14.41	20.3184					2.50	2.50		0.01	0.01	inf	1	1	1
1	27.44	-6.33	EURMXN	23.9418	19.23	23.9610					2.50	2.50		0.01	0.01	inf	1	1	1
4	22.20	0.78	USDZAR	15.6073	15.81	15.7992					2.50	2.50		0.01	0.01	inf	1	1	1

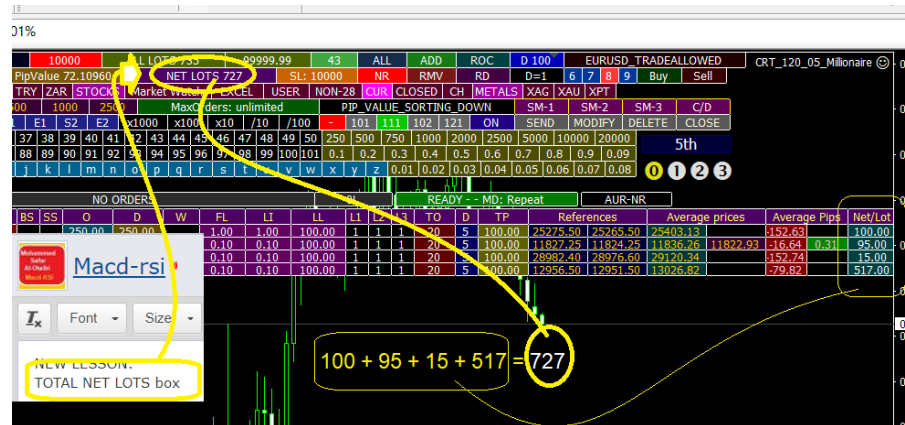
The color of spread box of each pair will determine if trading on that pair is allowed or not to to spread limit restriction!

if pair spread box is Red--trade is prohibited temporarily until spread be within limits  
 while if spread box is Black , it is normal

below we let SL=100 Pipette = 10 pips or 1 pip(depend on the pair) -- therefore any pair with spread higher than 10---Trade is blocked!



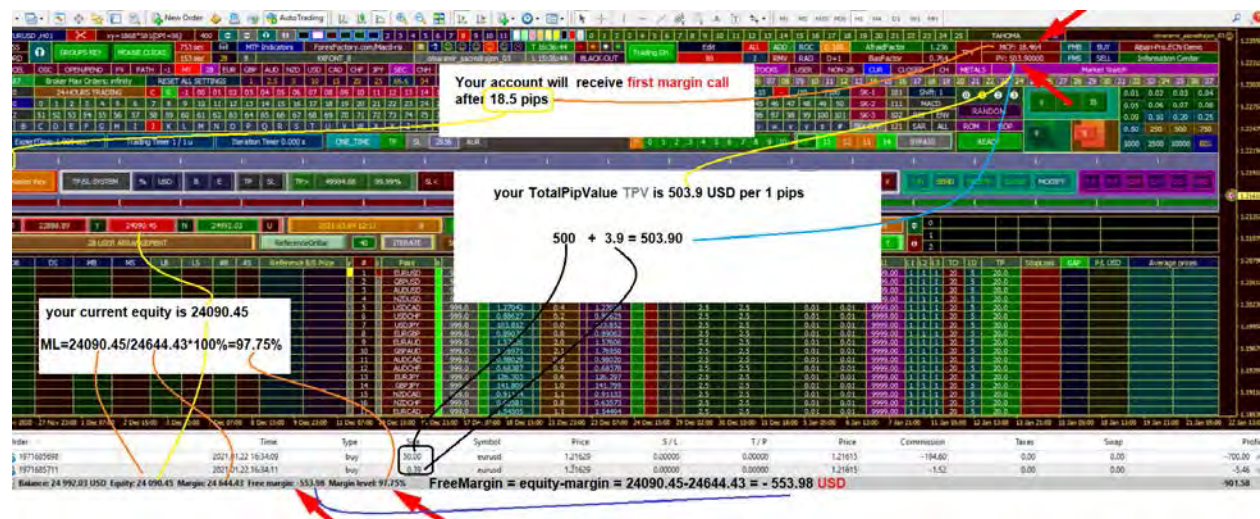
#### 4) Total Net Lots Box



#### 5) Current Pip Value -> Total Pip Value (TPV)

Updated version:

TPV: Total PipValue, MCP: Margin Call Pips, ML, Free Margin (Refer to the other chapters)



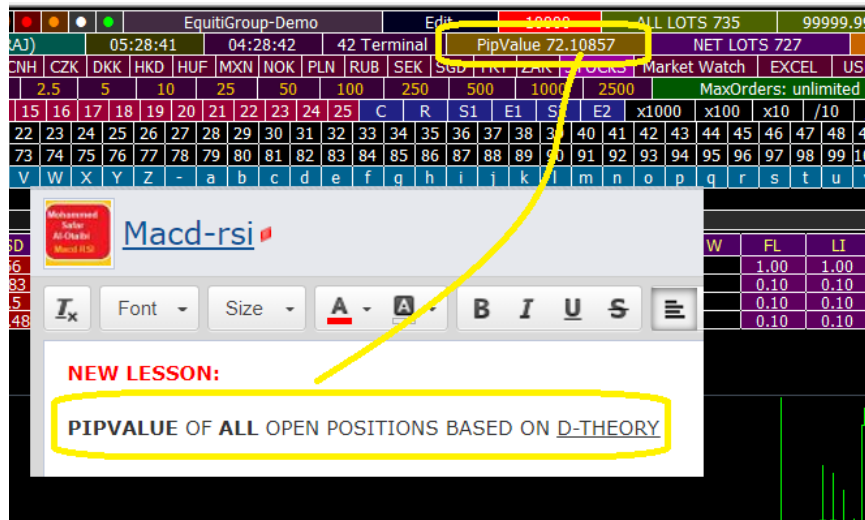
Old Version: See Mathematical Cal Boxes > TPV

pipvalue of all open positions based on d-theory

It depends on net lots (for positions entered **by expert**) at that period.

if you want pipValue for all positions click on **ALL** box as explained earlier.





## 12- Lots Design Configurations (L1/L2/L3)

%	W	R	Broker Max Orders:				
100	-	101	111	102	121	S	0.0
50	250	500	750	1000	2000		

### Types of Configurations

- 1) Unified lots for all orders (101) = (1,1,1,1,1, ..)
- 2) Graded lots for all orders (111) = (1,2,3,4,5,6,7,....)
- 3) Doubled lots for all orders (102) = (1,2,4,8,16,.....)
- 4) Custom lot design criterion = xxx (L1/L2/L3 accepts values from 1-9, only L2 accepts 0)

it is not logical for L1 and L3 to be 0 -- so programm will reject this value--you can not put them 0 , even if you intentionally try.

**therefore there are 999 possible lot designs.**

assume **Ladder=1**;

and

**FL** = 0.01 lot -----(**f**irst order **l**ot)

and

**LI**=0.01 lot -----(**l**ot **i**ncrement)

### 1) Unified lots (101) = (1,1,1,1,1, ..)

if we use **101** configurations, first five orders lots will be as follow: (**101 = unified**)

order #1: 0.01 lot

order #2: 0.01 lot

order #3: 0.01 lot

order #4: 0.01 lot

order #5: 0.01 lot

**each new order = previous order**

### 2) Graded lots (111) = (1,2,3,4,5,6,7,....)

if we use **111** configurations, first five orders lots will be as follow: (**111 = graded**)

order #1: 0.01 lot  
 order #2: 0.02 lot  
 order #3: 0.03 lot  
 order #4: 0.04 lot  
 order #5: 0.05 lot

**each new order is incremented by LI lots added to previous immediate order lots.**

3) Double lots (102) = (1,2,4,8,16,.....)

and if we use **102** configurations, first five orders lots will be as follow: (**102 = doubled**)

order #1: 0.01 lot  
 order #2: 0.02 lot  
 order #3: 0.04 lot  
 order #4: 0.08 lot  
 order #5: 0.16 lot

**each new order is double of previous immediate order.**

4) 1-2-1 lots (121) = (1,2,5,7,9,11,13, .....)

## 5) Custom lot configuration

```

17 if(YES_BL[i]=="BL")
18 {
19   if(K_BL[i]<TOPPIOD[i] && price_ASK[i]>0.30 && MarketInfo(pairs[i],MODE_ASK)>0.3 && MarketInfo(pairs[i],MODE_BID)>0.3)
20   {
21     if(!IsConnected() || !IsExpertEnabled() || !IsTradeAllowed() || IsStopped()) break;
22     PS=K_BL[i]*(DiffPips[i]+WiderPips[i]*(K_BL[i]-1)/2.0)+Offset[i];
23     double BPRICEB=price_ASK[i]-PS*MarketInfo(pairs[i],MODE_POINT);
24     if(MarketInfo(pairs[i],MODE_ASK)<=BPRICEB)
25     {
26       int LL=K_BL[i]/Ladder[i];
27       lotx=(FirstLot[i]+Increment[i]*(LL)*Multiplier_2[i]*Multiplier_1[i]*MathPow(Multiplier_3[i],LL);
28       double lotx=lotx;
29       double ppxm=BPRICEB;
30       LOT_BL[i]=BL_LotsPairLimiter[i];
31       if(BL_LotsPairLimiter[i]<LotLimit[i])
32       {
33         Lot = ( FirstLot + LotIncrement * integerof( #O / Ladder ) * L2 ) * L1 * L3
34         lotx=LotLimit[i]-LOT_BL[i];
35         BL_LotsPairLimiter[i]=LotLimit[i];
36       }
37       if(ALL_LOTS+lotx>MAX_ACCOUNT_LOTS)

```

(integerof( #O / Ladder ) )

**Lot = ( FirstLot + LotIncrement \* integerof( #O / Ladder ) \* L2 ) \* L1 \* L3**

Assume we adopt **325** ( = **3-2-5** ) configuration ==> L1=**3**, L2=**2**, L3=**5**  
 and FL=LI=0.01;

What is the first **three** order lots (assume ladder = 1) upon last equation?  
 #O = 1 then 2 then 3 ( = first order then second order then third order)

will be updated come back after 1 min

#1 order is: **Lots1** = (0.01+0.01\*int(0/1)\*2)\*3\*5<sup>int(0/1)</sup> = (0.01+0.01\*0\*2)\*3\*5<sup>0</sup> = (0.01+0)\*3\*1 = **0.03 lot**

#2 order is: **Lots2** = (0.01+0.01\*int(1/1)\*2)\*3\*5<sup>int(1/1)</sup> = (0.01+0.01\*1\*2)\*3\*5<sup>1</sup> = (0.01+0.02)\*3\*5 = **0.45 lot**

#3 order is: **Lots3** = (0.01+0.01\*int(2/1)\*2)\*3\*5<sup>int(2/1)</sup> = (0.01+0.01\*2\*2)\*3\*5<sup>2</sup> = (0.01+0.04)\*3\*25 = **3.75 lot**

do you see 325 config: 0.03--->0.45--->3.75  
great jump in lots for each new order

hence 325 is **not** a number.

It is just a three digits beside each others 😊

325=3-2-5 ==> L1L2L3

#### a) Proof of Concept – Graded Lots 111

proof config **111**=1-1-1 -- graded orders?? why graded?

ans: equation give thar: 0.01 then 0.02 then 0.03 etc....

proof:

L=LI=0.01 Lots-----Ladder=1----- L1L2L3=**111**=**1-1-1** ==> L1=**1**, L2=**1**, L3=**1**;

starting of numbering order from 0; #O = 0, then =1, then =2 etc...

Order#1: lot1=(0.01+0.01\*int(0/1)\***1**)\***1**\***1**^(int(0/1)) = (0.01+0.00)\*1\*1^(0) = 0.01\*1 = **0.01**

Order#2: lot2=(0.01+0.01\*int(1/1)\***1**)\***1**\***1**^(int(1/1)) = (0.01+0.01)\*1\*1^(1) = 0.02\*1 = **0.02**

Order#3: lot3=(0.01+0.01\*int(2/1)\***1**)\***1**\***1**^(int(2/1)) = (0.01+0.02)\*1\*1^(2) = 0.03\*1 = **0.03**

Order#4: lot4=(0.01+0.01\*int(3/1)\***1**)\***1**\***1**^(int(3/1)) = (0.01+0.03)\*1\*1^(3) = 0.04\*1 = **0.04**

Order#5: lot5=(0.01+0.01\*int(4/1)\***1**)\***1**\***1**^(int(4/1)) = (0.01+0.04)\*1\*1^(4) = 0.05\*1 = **0.05**

Order#6: lot6=(0.01+0.01\*int(5/1)\***1**)\***1**\***1**^(int(5/1)) = (0.01+0.05)\*1\*1^(5) = 0.06\*1 = **0.06**

Order#7: lot7=(0.01+0.01\*int(6/1)\***1**)\***1**\***1**^(int(6/1)) = (0.01+0.06)\*1\*1^(6) = 0.07\*1 = **0.07**

look how it was incremented each time bu 0.01 lot (LI=0.01)

#### b) Proof of Concept – Double Lots 102

Why config **102** result in double lots each time? even though we are using the same equation.

??

answer:

rule is:

**Lotsx** = (FL+LI\*int(#O/Ladder)\*L2)\*L1\*L3^(int(#O/Ladder))

FL=LI=0.01 Lots-----Ladder=1----- L1L2L3=102=1-0-2 ==> L1=**1**, L2=**0**, L3=**2**;

starting of numbering order from 0; #O = 0, then =1, then =2 etc...

Order#1: lot1=(0.01+0.01\*int(0/1)\***0**)\***1**\***2**^(int(0/1)) = (0.01+0)\*1\*2^(0) = 0.01\*1 = **0.01**

Order#2: lot2=(0.01+0.01\*int(1/1)\***0**)\***1**\***2**^(int(1/1)) = (0.01+0)\*1\*2^(1) = 0.01\*2 = **0.02**

Order#3: lot3=(0.01+0.01\*int(2/1)\***0**)\***1**\***2**^(int(2/1)) = (0.01+0)\*1\*2^(2) = 0.01\*4 = **0.04**

Order#4: lot4=(0.01+0.01\*int(3/1)\***0**)\***1**\***2**^(int(3/1)) = (0.01+0)\*1\*2^(3) = 0.01\*8 = **0.08**

Order#5: lot5=(0.01+0.01\*int(4/1)\***0**)\***1**\***2**^(int(4/1)) = (0.01+0)\*1\*2^(4) = 0.01\*16 = **0.16**

Order#6: lot6=(0.01+0.01\*int(5/1)\***0**)\***1**\***2**^(int(5/1)) = (0.01+0)\*1\*2^(5) = 0.01\*32 = **0.32**

Order#7: lot7=(0.01+0.01\*int(6/1)\***0**)\***1**\***2**^(int(6/1)) = (0.01+0)\*1\*2^(6) = 0.01\*64 = **0.64**

double each time

Order#1:  $\text{lot1} = (0.01 + 0.01 * \text{int}(0/1) * 0) * 1 * 2^{\text{int}(0/1)} = (0.01 + 0) * 1 * 2^0 = 0.01 * 1 = 0.01$

### c) Proof of Concept – Double Lots 121

#### 121-CONFIGURATION:

we expect expert to place order lots in the following manner assuming ladder=1, FL=0.01=LI

Order#1:  $\text{lot1} = (0.01 + 0.01 * \text{int}(0/1) * 2) * 1 * 1^{\text{int}(0/1)} = (0.01 + 0.00) * 1 * 1^0 = 0.01 * 1 = \mathbf{0.01}$

Order#2:  $\text{lot2} = (0.01 + 0.01 * \text{int}(1/1) * 2) * 1 * 1^{\text{int}(1/1)} = (0.01 + 0.02) * 1 * 1^1 = 0.03 * 1 = \mathbf{0.02}$

Order#3:  $\text{lot3} = (0.01 + 0.01 * \text{int}(2/1) * 2) * 1 * 1^{\text{int}(2/1)} = (0.01 + 0.04) * 1 * 1^2 = 0.05 * 1 = \mathbf{0.05}$

Order#4:  $\text{lot4} = (0.01 + 0.01 * \text{int}(3/1) * 2) * 1 * 1^{\text{int}(3/1)} = (0.01 + 0.06) * 1 * 1^3 = 0.07 * 1 = \mathbf{0.07}$

Order#5:  $\text{lot5} = (0.01 + 0.01 * \text{int}(4/1) * 2) * 1 * 1^{\text{int}(4/1)} = (0.01 + 0.08) * 1 * 1^4 = 0.09 * 1 = \mathbf{0.09}$

Order#6:  $\text{lot6} = (0.01 + 0.01 * \text{int}(5/1) * 2) * 1 * 1^{\text{int}(5/1)} = (0.01 + 0.10) * 1 * 1^5 = 0.11 * 1 = \mathbf{0.11}$

Order#7:  $\text{lot7} = (0.01 + 0.01 * \text{int}(6/1) * 2) * 1 * 1^{\text{int}(6/1)} = (0.01 + 0.12) * 1 * 1^6 = 0.13 * 1 = \mathbf{0.13}$

### 6) Other ways for Lot Increments

#### a) 3 ways to configure for no Lot Increments

#Post 2249

There are three cases, lots will be unified, but the **best** of them is 101

below: all three cases for all 33 orders. lots of each order will be 0.01---**no increment** here.

#	Pairs	d	ASK	SPD	BID	BL	SL	BS	SS	O	D	W	FL	LI	LL	L1	L2	L3	TO	LD	TP
1	EURUSD		1.21155	1.5	1.21140					50.0	50.0		0.01	0.01	9999.00	1	1	1	33	33	85.0
2	GBPUSD		1.33577	2.6	1.33551					50.0	50.0		0.01	0.01	9999.00	1	1	1	33	33	85.0
3	AUDUSD		0.74251	1.7	0.74234					50.0	50.0		0.01	0.01	9999.00	1	1	1	33	33	85.0
4	NZDUSD		0.70374	2.2	0.70352					50.0	50.0		0.01	0.01	9999.00	1	1	1	33	33	85.0
5	USDCAD		1.27908	2.2	1.27886					50.0	50.0		0.01	0.01	9999.00	1	1	1	33	33	85.0
6	USDCHF		0.89110	2.2	0.89088					50.0	50.0		0.01	0.01	9999.00	1	1	1	33	33	85.0
7	USDJPY		104.042	1.6	104.026					50.0	50.0		0.01	0.01	9999.00	1	1	1	33	33	85.0

or

#	Pairs	d	ASK	SPD	BID	BL	SL	BS	SS	O	D	W	FL	LI	LL	L1	L2	L3	TO	LD	TP
1	EURUSD		1.21155	1.6	1.21139					50.0	50.0		0.01	0.01	9999.00	1			33	2	85.0
2	GBPUSD		1.33577	2.4	1.33551					50.0	50.0		0.01	0.01	9999.00	1			33	2	85.0
3	AUDUSD		0.74245	1.6	0.74229					50.0	50.0		0.01	0.01	9999.00	1			33	2	85.0
4	NZDUSD		0.70372	2.2	0.70350					50.0	50.0		0.01	0.01	9999.00	1			33	2	85.0
5	USDCAD		1.27911	2.1	1.27890					50.0	50.0		0.01	0.01	9999.00	1			33	2	85.0
6	USDCHF		0.89110	2.2	0.89088					50.0	50.0		0.01	0.01	9999.00	1			33	2	85.0
7	USDJPY		104.043	1.5	104.028					50.0	50.0		0.01	0.01	9999.00	1			33	2	85.0

or

#	Pairs	d	ASK	SPD	BID	BL	SL	BS	SS	O	D	W	FL	LI	LL	L1	L2	L3	TO	LD	TP
1	EURUSD		1.21148	1.5	1.21133					50.0	50.0		0.01		9999.00	1	9	1	33	2	85.0
2	GBPUSD		1.33537	2.5	1.33512					50.0	50.0		0.01		9999.00	1	9	1	33	2	85.0
3	AUDUSD		0.74242	1.6	0.74226					50.0	50.0		0.01		9999.00	1	9	1	33	2	85.0
4	NZDUSD		0.70361	2.2	0.70339					50.0	50.0		0.01		9999.00	1	9	1	33	2	85.0
5	USDCAD		1.27920	2.2	1.27898					50.0	50.0		0.01		9999.00	1	9	1	33	2	85.0
6	USDCHF		0.89118	2.2	0.89096					50.0	50.0		0.01		9999.00	1	9	1	33	2	85.0
7	USDJPY		104.046	1.4	104.032					50.0	50.0		0.01		9999.00	1	9	1	33	2	85.0

L2 no effect in this case what ever its value

in the rule for third case since LI=0

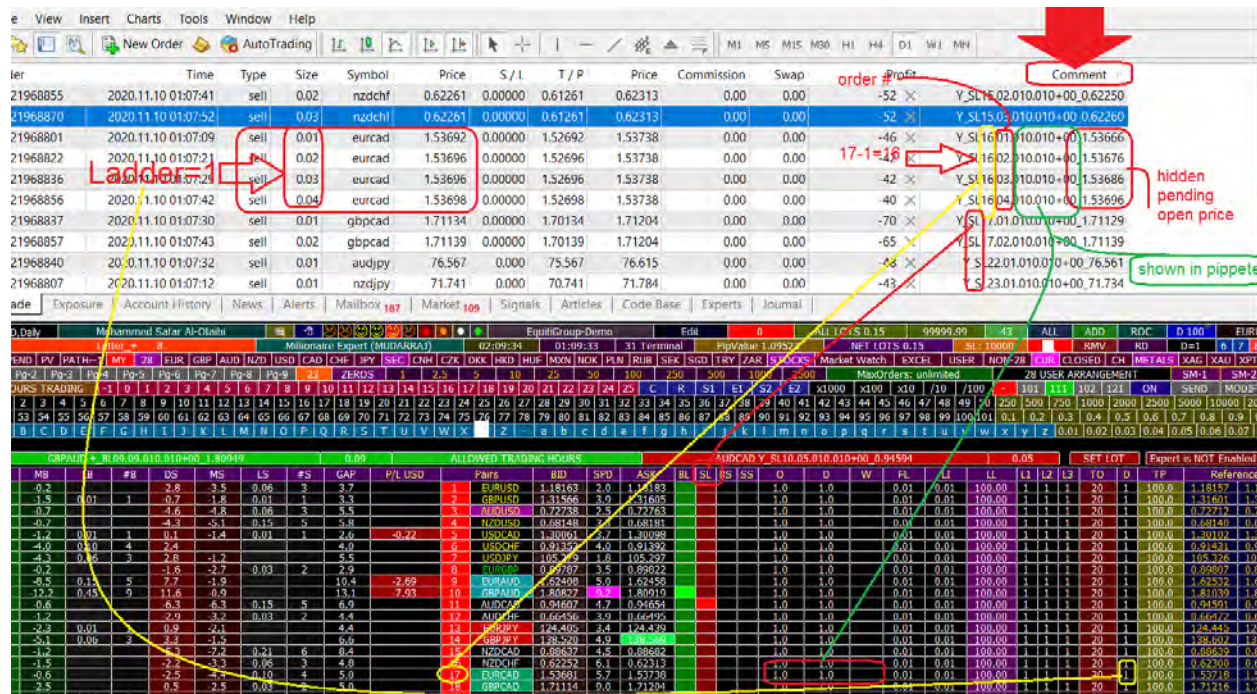
$\text{LI} * \text{L2} = 0 * 9 = \mathbf{0}$  whatever the value of L2. ==> 0: no increment

### 13- Order Comments

*MExpert* **orderComment** start with:

- 1) one letter, then underscore for "**ONE-TIME**" mode,---you how decide this later as explained earlier  
or
- 2) for **REPETITION MODE**: strat with prefix "**NR\_**"  
or
- 3) **pending** Orders of **SEND** box, start with prifix "**G\_**"

*and no more*



Example: Y SL1601.101.010+00 1.53666

Y_	SL	16	01.	010.010	1.53666
Identified chosen in blue alphabets prior to activating EA	BL/SL/BS/SS	17-1. Ref number for the pair found the table	Order# based on sequence of execution	O.D (in pipette)	Hidden pending open price (calculation based on O/D concept - will differ from actual open price)

## 14- Smart Order Concept

SMART EXPERT

This expert is many experts with one expert!

up to now we speak about ordinary expert (normal--not smart)



## 1) Hidden Take Profit



Red: Hidden Take Profit

Green: Show Take Profit

here we ignore placing TP (TakeProfit)----Hidden Take Profit

when any order is executed you will notice TP = 0.00000 (NO TAKE PROFIT)

BROKER CAN NOT SEE YOUR TAKE PROFIT

but in your mind you know any position will be closed after profit of 100 PIPS

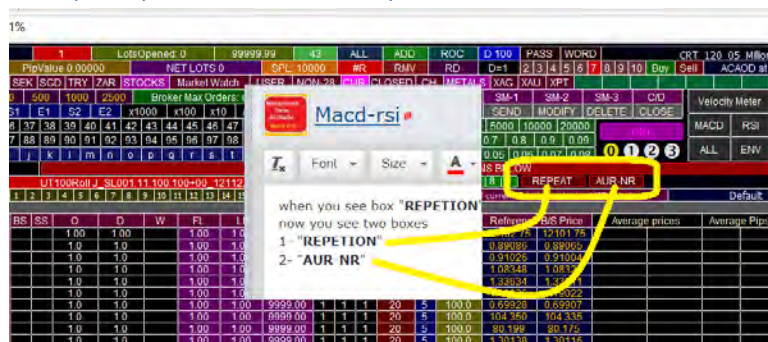
that is smart-- but what is more smarter is to repeat placing order as pending order at prev entry price when the order is closed automatically at predifined TP.

How to revoke **SmartExpert**?

ans: simply click on > > > later

## 2) AUR - Repeat order

### a) Repeat Order Concept



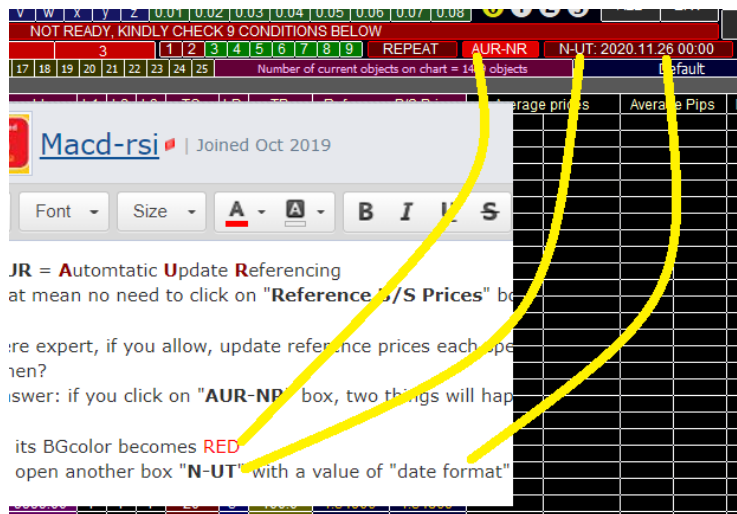
when you see box "REPETITION" -- you must see in the right another box named "AUR-NR" -- now you see two boxes

1- "REPETITION"

2- "AUR-NR" -- **Brown BG**Color

BG = **BackGround**





**AUR** = Automatic Update Referencing  
 that mean no need to click on "Reference B/S Prices" box -- or "BAR\_REFERENCING" box, by your mouse

here expert, if you allow, update reference prices each specific interval of time.  
 when?

answer: if you click on "**AUR-NR**" box, two things will happen:

- 1- its BGcolor becomes **RED**
- 2- open another box "**N-UT**" with a value of "date format"

"N-UT" = Next UpdateTIME

focus: here expert check chart frame:

-if it is **daily** choose next daily bar time--- then-- when time reaches this point, change reference prices to ASKs and BIDs, at the opening of new **day** bar.  
 today 25.11.2020, so you see on picture next UpdateTime at 26.11.2020

-if it is **H4** choose next H4 bar time--- then-- when time reaches this point, change reference prices to ASKs and BIDs, at the opening of new **H4** candle  
 then copy-paste:

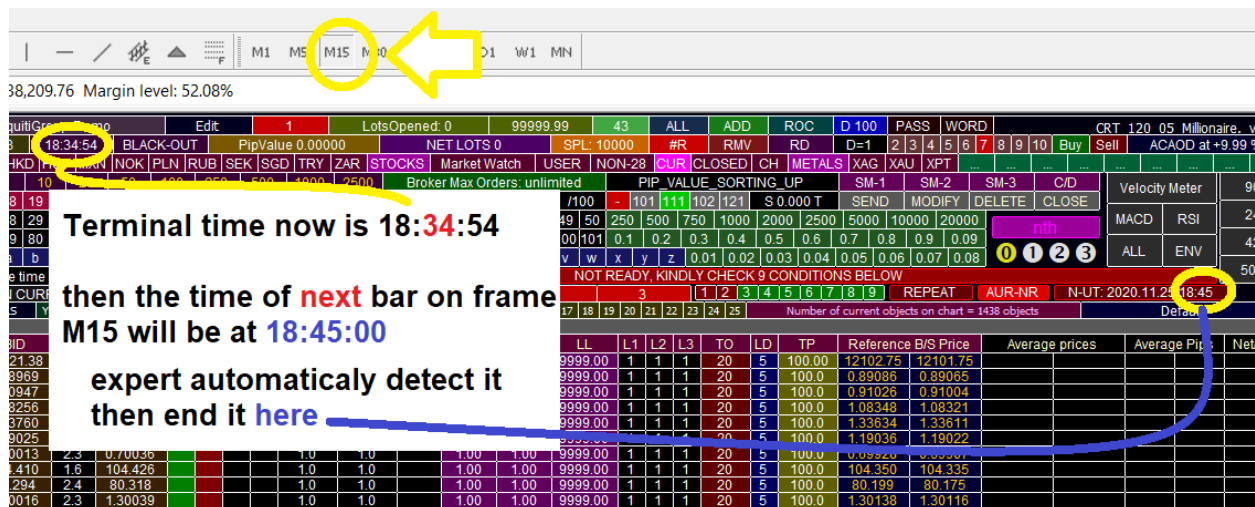
-if it is **H1** choose next H1 bar time--- then-- when time reaches this point, change reference prices to ASKs and BIDs, at the opening of new **H1** candle

-if it is **M1** choose next M1bar time--- then-- when time reaches this point, change reference prices to ASKs and BIDs, at the opening of new M1 candle

-if it is **WEEKLY** choose next WEEKLY bar time--- then-- when time reaches this point, change reference prices to ASKs and BIDs, at the opening of new WEEKLY candle

-if it is **M30** choose next m30 bar time--- then-- when time reaches this point, change reference prices to ASKs and BIDs, at the opening of new m30 candle

and so on



now assume you select time frame M15, == you by mouse change ChartFrame to M15:

expert now knows ChartPeriod = M15

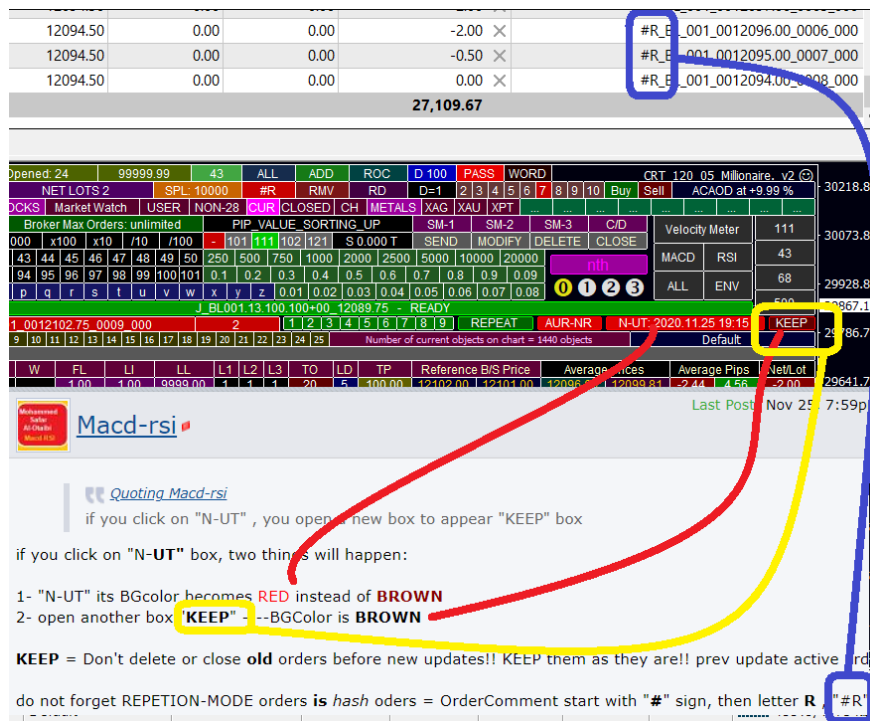
and check current terminalTime

then look for the opening time of the next M15 candles

then stored as a N-UT

That mean update will tak place == replace old reference prices by new ones "ASKs and BIDS" of M15, for all pairs.

picture is very clear (above)



if you click on "N-UT" box, two things will happen:

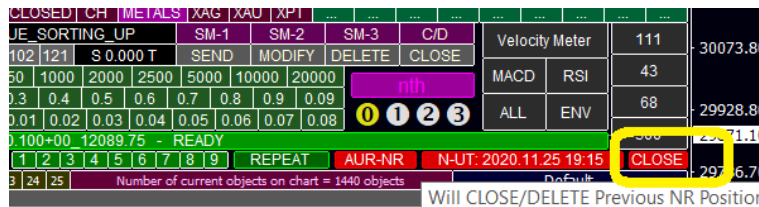
1- "N-UT" its BGcolor becomes **RED** instead of **BROWN**

2- open another box "**KEEP**" ----BGColor is **BROWN**

**KEEP** = Don't delete or close **old** orders before new updates!! KEEP them as they are!! prev update active orders remain as a part of newUpdate orders!

do not forget REPETION-MODE orders is *hash* orders = OrderComment start with "#" sign, then letter **R** , "#R" orders

look at p.



look at last post pct.

**KEEP** is active-fire box also, since it is part of OnLineTrading

if you click on, BGColor will be **RED** instead of **BROWN**

and word "**KEEP**" will be replaced by word "**CLOSE**"

**all three** boxes associated with **REPETION** are **RED**

What will happen at this case:

answer: close and delete all prev orders either hash orders or manual entry orders!!!! clean terminal! then update refs, and start new trading period

## b) Repeat Order Comments

**OrderComment** of SmartExpert positions will start with TWO letters "~~NR~~#R" instead of "J\_" or what else!

hence EURUSD for example may get entry at 1.1800 three times (entry-close-entry-close-entry)

assume ur TP = 10 pips

entry at 1.1800 -- then position is closed ar 1.1810

instantly after closing, SmartE will place pending order at 1.1800 gain

if price drop to it, it will be executed.

is price reach 1.1810 again, it will be closed. and will put another pending postion for 3rd time and so on > >

## SmartExpert;

look at highleted position on pict.

**close and repeat at the same moment!**

repetition could continue *for ever* if you are very lucky and market fluctuate sharpaly in a horizontal channel

Order	Time	Type	Size	Symbol	Price	S / L	T / P	Price	Commission	Swap	Profit	Comment
21990922	2020.11.10 11:00:34	sell	1.00	us30roll	29224.60	0.00	0.00	29252.90	0.00	0.00	-2630	NR_SS_001_0029223.60_0009_000
21990998	2020.11.10 11:02:18	sell	1.00	us30roll	29228.60	0.00	0.00	29252.90	0.00	0.00	-2430	NR_SS_001_0029228.60_0009_000
21991037	2020.11.10 11:03:26	sell	1.00	us30roll	29233.60	0.00	0.00	29252.90	0.00	0.00	-1930	NR_SS_001_0029233.60_0009_000
21991041	2020.11.10 11:03:32	sell	1.00	us30roll	29239.60	0.00	0.00	29252.90	0.00	0.00	-1380	NR_SS_001_0029238.60_0009_000
21991044	2020.11.10 11:03:34	sell	1.00	us30roll	29243.60	0.00	0.00	29252.90	0.00	0.00	-930	NR_SS_001_0029243.60_0009_000
21991060	2020.11.10 11:04:00	sell	2.00	us30roll	29249.10	0.00	0.00	29252.90	0.00	0.00	-380	NR_SS_001_0029248.60_0009_000
Balance: 50,305.20 USD Equity: 50,204.10 Margins: 1,023.34 Free margin: 49,180.76 Margin level: 4905.90%												
21990813	2020.11.10 10:58:11	buy limit	2.00	us30roll	29180.40	0.00	0.00	29252.90	0.00	0.00	-102.10	NR_SS_001_0029180.40_0008_001
21990837	2020.11.10 11:00:14	buy limit	2.00	us30roll	29185.40	0.00	0.00	29252.90	0.00	0.00		NR_SS_001_0029185.40_0007_001
21990910	2020.11.10 11:00:26	buy limit	2.00	us30roll	29190.40	0.00	0.00	29252.90	0.00	0.00		NR_SS_001_0029190.40_0006_001

if the first pending repeated order is executed then after some time is closed at predefined TP, it will be repeated as a pending order again but now OrderComment will end with "002" = 2nd repetition.

always repeated order is identical to the original order in volume(Lots) and entry price.

entry price or order "price set" is shown in OrderComment

Order	Time	Type	Size	Symbol	Price	S / L	T / P	Price	Commission	Swap	Profit	Comment
21990485	2020.11.10 10:51:12	balance									50,000.00	Deposit
21990651	2020.11.10 10:54:53	buy	2.00	us30roll	29180.40	0.00	0.00	29205.60	0.00	0.00	50.40	NR_SS_001_0029180.40_0008_000
21990644	2020.11.10 10:54:41	buy	2.00	us30roll	29182.90	0.00	0.00	29214.60	0.00	0.00	63.40	NR_SS_001_0029185.40_0007_001
21990636	2020.11.10 10:54:33	buy	2.00	us30roll	29187.90	0.00	0.00	29216.60	0.00	0.00	57.40	NR_SS_001_0029190.40_0006_001

sometimes it was executed at better prices due to market slippages, but when repeated will be done at OrderComment setPrice.

### 3) AUR – One time order

we eliminate year, and converted month to text, "Feb" instead of "2"

I guess it is better for the user!

Order	Time	Type	Size	Symbol	Price	S / L	T / P	Price	Commission	Swap	Profit	Comment
21990485	2020.11.10 10:51:12	balance									50,000.00	Deposit
21990651	2020.11.10 10:54:53	buy	2.00	us30roll	29180.40	0.00	0.00	29205.60	0.00	0.00	50.40	NR_SS_001_0029180.40_0008_000
21990644	2020.11.10 10:54:41	buy	2.00	us30roll	29182.90	0.00	0.00	29214.60	0.00	0.00	63.40	NR_SS_001_0029185.40_0007_001
21990636	2020.11.10 10:54:33	buy	2.00	us30roll	29187.90	0.00	0.00	29216.60	0.00	0.00	57.40	NR_SS_001_0029190.40_0006_001



Now referencing automatically on chartFrame **AUR** is available for **ONE-TIME** mode also,

## a) Scenarios

in picture **index** is letter "Z"

and OrderMagicNumber was previously set to value "YES"

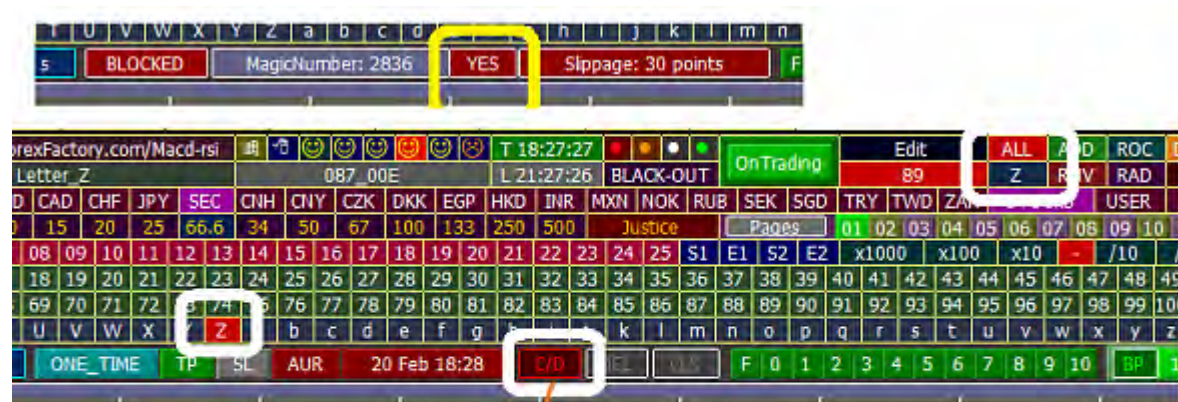
**zreboo:** i want expert each new REF to close/delete only orders with index **Z** and MagicNumber **2836** and leave anything else (ignore)

-----if there are orders with letter **Z** but magic is **9817**, or orders with magic **2836** but index is **J**.  
EXPERT WILL NOT TOUCH THEM

**omaramir:** i want expert each new REF to close/delete **ALL** positions whatever the index or magic, the trade page ech start will be clean sheet.

**Sawaddee:** i want expert each new REF to close/delete **ONLY** orders with index **Z**, regardless of **orderMagicNumber** or any other conditions.

**Sacredragon:** i want expert each new REF to close/delete **ONLY** orders with MagicNumber **2836**, regardless of **index** or any other conditions.



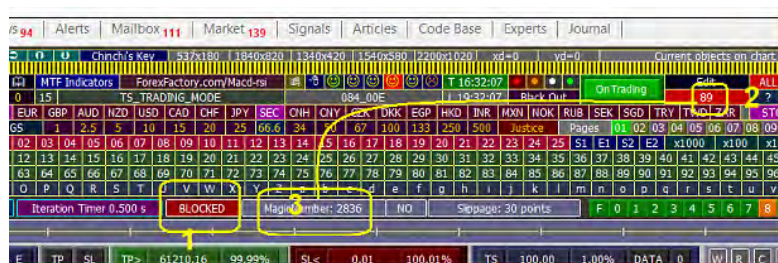
ZREBOO, OMARAMIR, SACREDRAJON, SAWADDEE  
all are talking about this button

b) Magic Number

for max degree of **safety** for magic number we make it a little bit difficult to change MagicNumber you have to go first to **"BLOCKED"** mode to change to current **memorized** dummy

later on if you go to **ONE-TIME** or **REPEAT** , you can not change it, but it accepts only **YES**(brown) or **NO**(gray) value.

i think this is the best way to handle it. only in the **BLOCKED** we can set **MagicNumber**



## 15- Dilation in Pips Concept

## 16- Justice Setting

Based on Pip Calibration Theory

**Pip-Calibration Theory**, (pair range or velocity factor)

I **invent** this theory for **justice**

anybody has heard of **ADR**??

I call it stupid ADR or newbies ADR!

Average **Daily-Range** ADR --- actually it is not **TRUE**

My theory states that "pair daily range is linked to great degree to price of the pair itself"

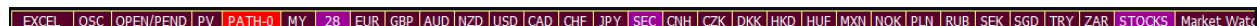
EURUSD now **1.1834**?? emmmmm ?? then expected daily ADR is **118**??

>>> if we expect EURUSD to be 118 pips?? then we expect GBPNZD to be **195** pips, possible day movement--since price is **1.95433**

Example (Refer to #Post 663): for TP you want it to be 250

Justice Setting > 250 > TP

## 17- Group Selection



1- First Step confirm that "**GROUPS KEY**" is ON = Green

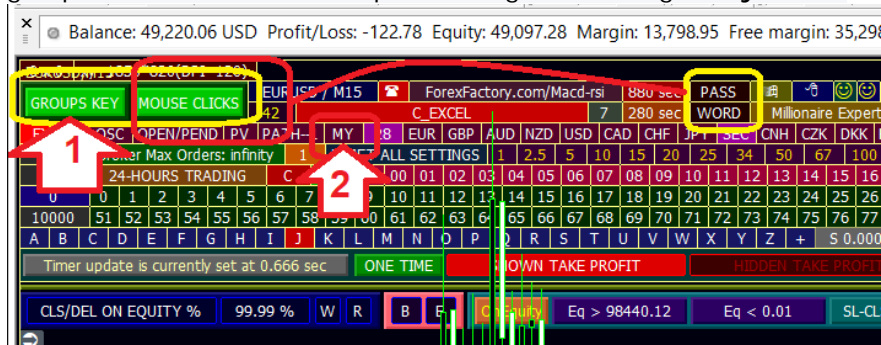
2- if not click on it one time. First be sure **MOUSE-CLICKS** also Green. if not click on **PASS** then **WORD** then **MOUSE-CLICKS**.

3- Since **MOUSE-CLICKS** is green you now can click on any Fire-Active buttons, like "**GROUPS KEY**"

4- If **GROUPS-KEY** is green, **now you can click on any group**. let us click on button "**MY**"-- This is MY-

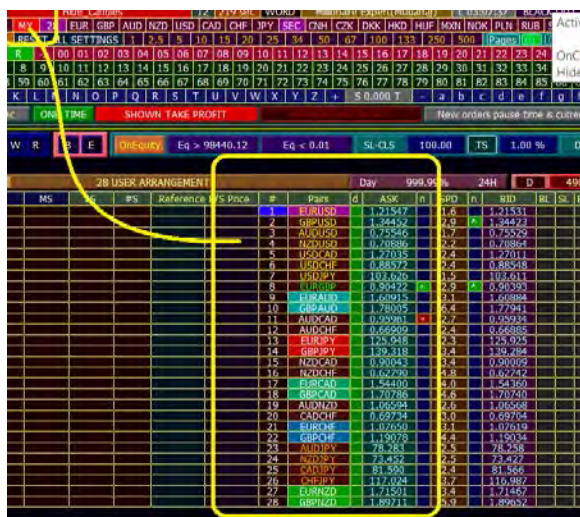


group which is the famous 28 pairs arranged according to **my** desire.



5- MY button will become RED which indicate the first click on "MY"

6- and as a consequence, the 28 pairs will appear on the dashboard with null values. except for LD column and L1 and L3 columns.



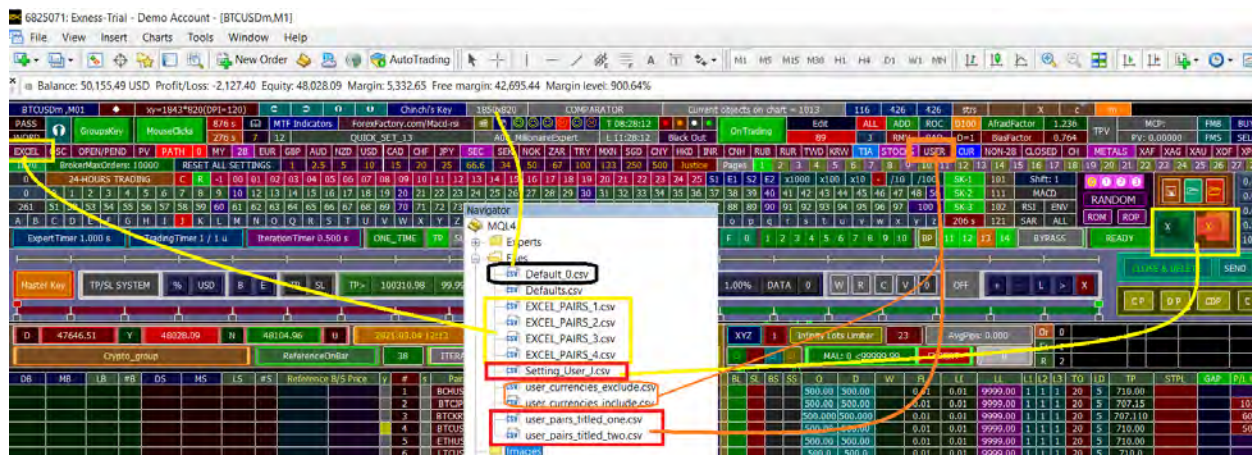
## 1) EXCEL settings

Updated:

### 10 csv files

Only 10 csv files are the basics that will be created by the program when attached to the first time in your life to the chart.

detailed on picture.



## Group Selection - EXCEL FILES

0- This is the best choice among all groups--you choose and arrange and repeat if you want your pairs according to your desire.

1- First Step confirm that "**GROUPS KEY**" is ON = Green

2- **EXCEL** has 4 groups -- you have the possibility to make 4 excel files, each one has its own instrument upon your desire. for example one for pairs you usually trade, other for mix of metals and some pairs, etc...you not me who decide. each click on EXCEL button you go to next file elements. it will be reflected on dashboard.

3- these files names must be with the following names:

-----complete rotation 4 clicks

-----1--EXCEL\_PAIRS\_1.csv

-----2--EXCEL\_PAIRS\_2.csv

-----3--EXCEL\_PAIRS\_3.csv

-----4--EXCEL\_PAIRS\_4.csv

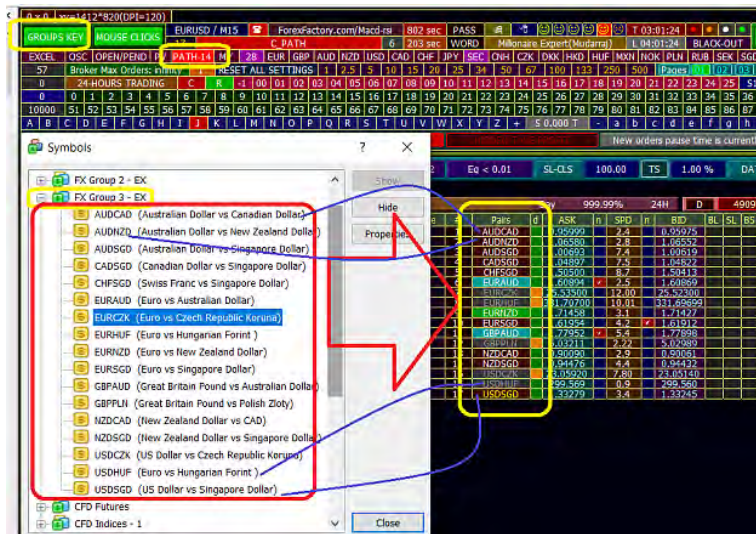
format: EXCEL then underscore \_ then PAIRS then underscore then 1 or 2 or 3 or 4

4- extension must be **\*.csv** not xls

5- These files must be saved under MQL4\FILES, and for each file just fill excel column **A** with all your instruments

6-what you see on picture is my choice. Your choice definitely will differ.

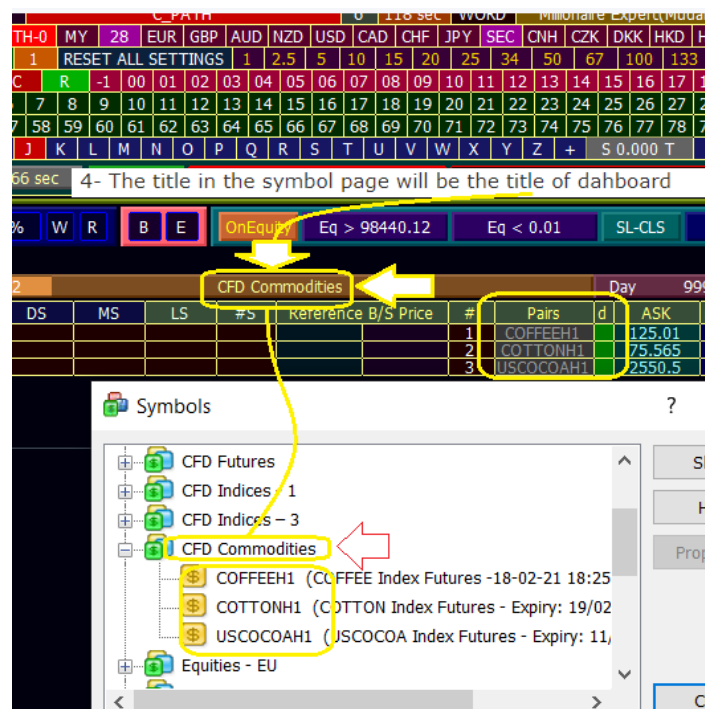




3- Instruments will be arranged on our dashboard according to their appearance in Symbol Page

4- The title in the symbol page will be the title of dashboard

5- To restart from path 0 after reaching path7, click on PV button, to left, then click on path again



### 3) Chart Settings

#### CH Button

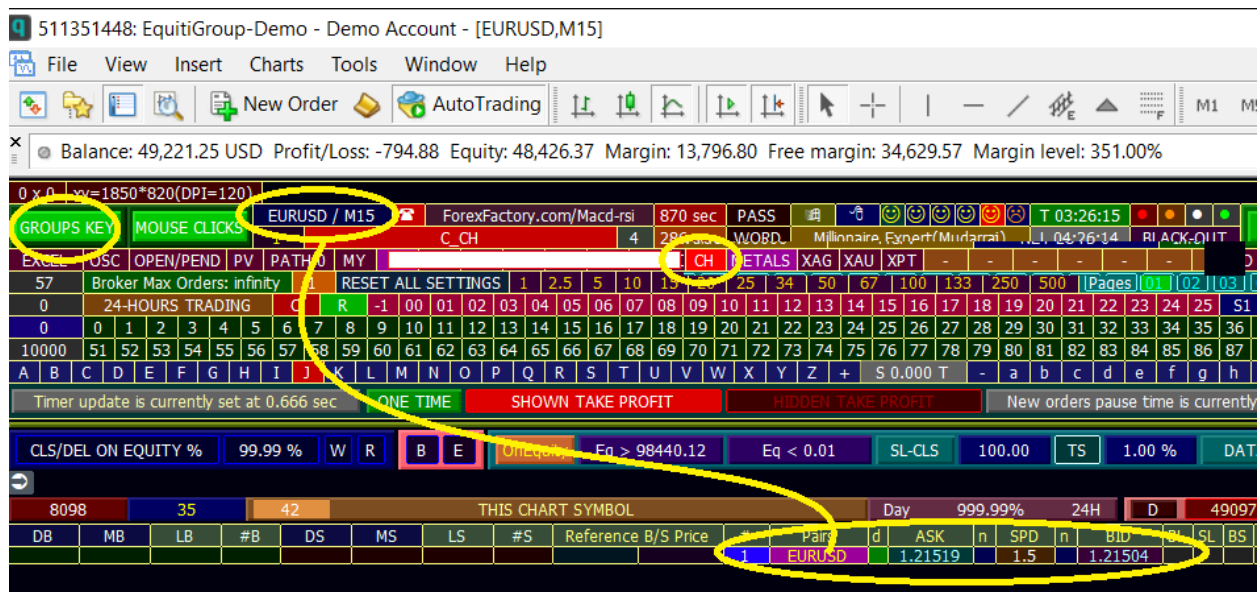
1- this group CH only consist of one elemnt, the pair of the chart. EURUSD in picture.

2- it has only one click

3- for those who trades only one pair, this is the best solution:

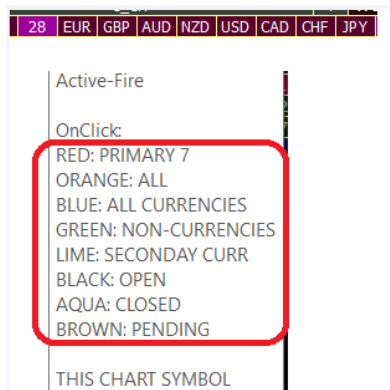
4- it makes expert faster since there will be much less buttons!

5- CH is the first two letters of word **CHART**.



#### 4) 8 Buttons for famous 8-currencies

- 1- each one accept 8 clicks for 8 different choices.
- 2- look at toolTip/



#### 5) 3 Buttons: 28, SEC and CUR

- 1- "28" Famous 28 currency-pairs
- 2- "SEC" all currency pairs except famous 28 pairs
- 3- "CUR" all famous28 pairs plus all SEC curenry pairs
- 4- here indeces , dtokc and alike are excluded.

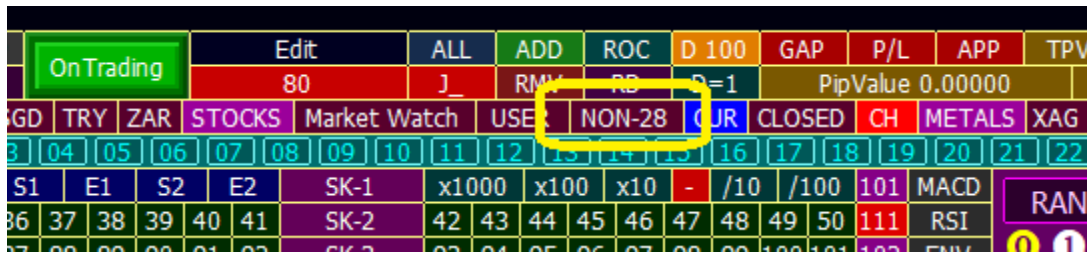


- 5- please explore each button. ToolTips assit
- 6- CUR is thefirst three letters of word CURRENCIES

#### 6) "Non-28" Pairs

It includes every thing eithe SEC currency-pairs, indeces or stocvks etgcc except famous 28 pairs.





## 7) OSC Button

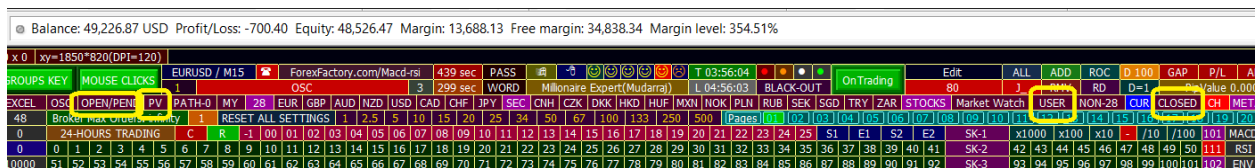
- 1- OSC = **O**pen **S**econdary **C**urrencies **L**ist
- 2- it is save-active, therefore you can click on it anytime, even if the expert is running. no change to setting
- 3- no need for GROUPS-KEY
- 4 its importance arise from the fact that some brokers offer a plenty of currencies that exceed 19 cusec currency.
- 5-click on it a new row elemnt will appear
- 6-to return back to the original row click on OSC gain.
- 7- ff your brker offer more than 53 SEC currencies, click on the FLIP button to see more hidden rows
- 8- if you reach to the last SEC rows, more click on flip will go to first SEC row elemnts.



## 8) Non-applicable groups for MillionaireExpert

non-applicable groups for MillionaireExpert

- 1- **PV** , **OPEN/PEND** and **CLOSED** buttons -are very important for other experts like DisplayClick, but they are not essential here
- 2- **USER** button has been explained in depth 1 month ago. it is depend on extern variable which i considered it fuddy-duddy meothd! EXCEL is better
- 3- so ignore thier existance here



## Specific Lesson on Repeated pairs

- 1- i think we offer here what may be considered a revolutionary solution:  
look at pcicure: AUDUSD is repeated 3 times- so possiblity of different setting for both BUY and SELL
- 2- the possibility of "repeated pair" as many times as you want. for example you can repeat EURUSD 5 times. this help you to distiguish Sell setting from Buy setting or QuickSetting for first 100 pips and different buy setting after 100 pips.



		Day	999.99%	24H	D	49097.28	Y	48541.59	N	49097.28	U	Infinity	Lots	Limit	20								
#	Pairs	d	ASK	n	SPD	n	BID	BL	SL	BS	S	U	D	W	FL	LI	LL	L1	L2	L3	TO	LD	TP
1	AUDUSD		0.75536		1.7		0.75519					34.0	34.0		0.01	0.01	9999.00	1	1	2	7	5	70.0
2	AUDUSD		0.75536		1.7		0.75519					28.0	28.0		0.01	0.01	9999.00	1	1	1	20	5	70.0
3	AUDUSD		0.75536		1.7		0.75519					5.0	5.0		0.01	0.01	9999.00	1	1	1	20	5	70.0
4	USDCAD		1.27066		2.4		1.27042					34.0	34.0		0.01	0.01	9999.00	1	1	1	20	5	70.0
5	USDJPY		103.613		1.5		103.598					34.0	34.0		0.01	0.01	9999.00	1	1	1	20	5	70.0
6	EURUSD		1.21542		1.5		1.21527					34.0	34.0		0.01	0.01	9999.00	1	1	1	20	5	70.0
7	GBPUSD		1.34462		2.5		1.34437					34.0	34.0		0.01	0.01	9999.00	1	1	1	20	5	70.0

GROUPS KEY

MOUSE CLICKS

EURUSD

7

EXCEL

OSC

OPEN/PEND

PV

PATH-0

## 9) USER Button

Update:

Post 5384

### USER-BLUE button

two csv files only for these buttons

assume you want to trade only EUR and GBP pairs, and want to exclude CHF pairs (remove EURCHF, GBPCHF)

Include in include\_file

and

exclude in exclude\_file

these 2 files only for BLUE - USER

include only pairs of EUR and GBP

But exclude from them these currencies

INCLUDE: يشمل  
EXCLUDE: يستثني

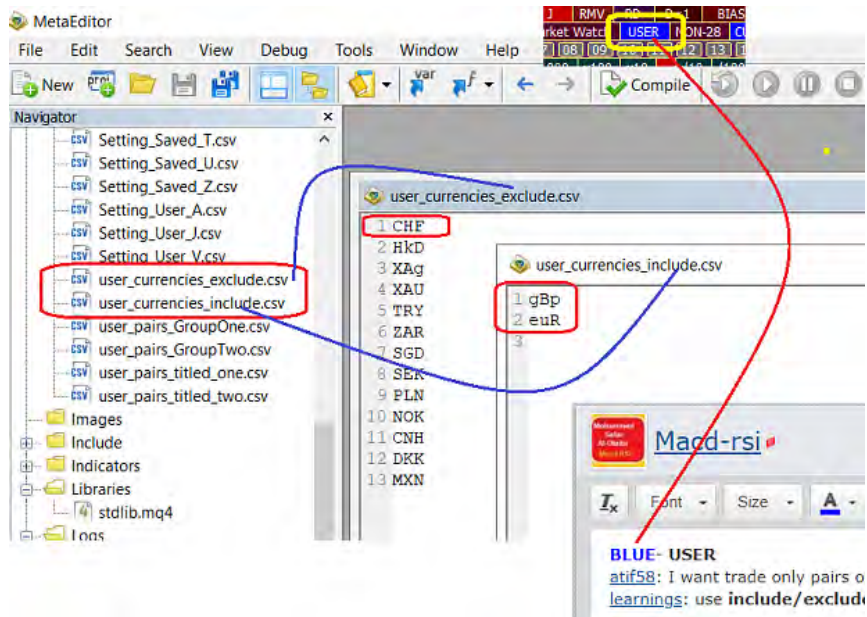
ALL EUR and GBP pairs except five currencies

BLUE- USER for csv titled files:

user\_currencies\_exclude.csv

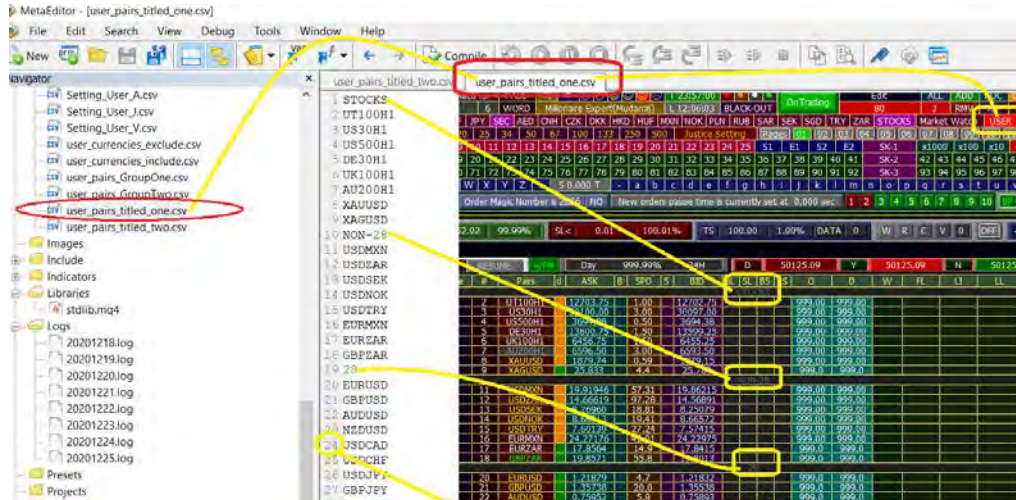
user\_currencies\_include.csv

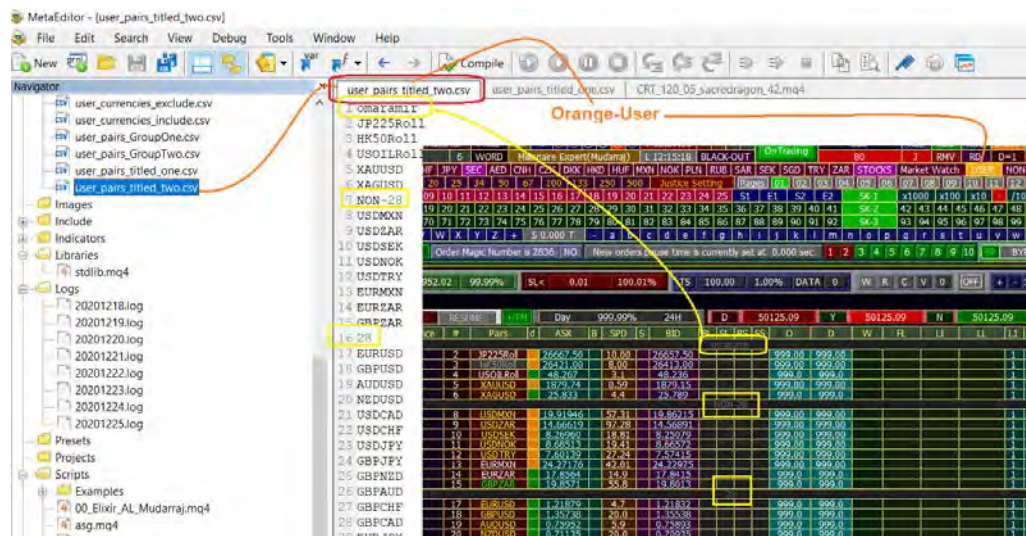
use **include/exclude** csv files.



**Red USER** for csv titled files: *user\_pairs\_titled\_one.csv* --- last post

**Orange USER** for csv titled files: *user\_pairs\_titled\_two.csv*



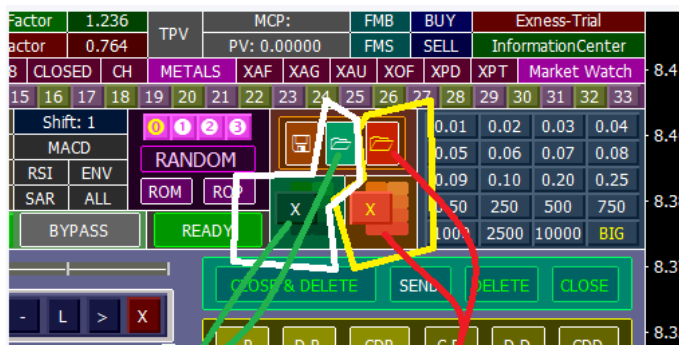


## 18- How to use SavedSetting

Updated:

Post 5382

Orang and Green EXCEL Files



Orange: include also saved ref prices

Green: reference at current prices

Do the following please in sequence:

- 1 - choose EUR-red (famous 7 pairs)
- 2- make all your setting, including referencing, only pair EURGBP, deactivate (click orange-5 then refer box then pairs box, then click on EURGBP to deactivate)
- 3- click on "SAVED-SETTING" BOX (First click on SM-1 to be green)

- 4--Damage all your setting by choosing box "MY" for example
- 5- click on import AutoSet box (First click on SM-1 to be green)
- a----click on IMPORT word, (First click on SM-1 to be green)
- b----then after 5 second click on AUTOSSET word, what you notice?

### "Import AutoSetting" box

you see one box, but you see two words inside:

**Import** word: when you click on will retrieve all your old setting, including refPrices

**AutoSetting** word: the same thing will happen but refPrices are updated. without changing in old file, and refPrice value

==ignore excel csv values and put the current prices as the ref price.

is it clear?

no everthing is explained--no more to say about autosaving and retrieving(two cases)

for one who want to validate this post, please the shole test process should not exceed, 5 mimutes  
do not go to excel file, do not open anything else other than your terminal

just follow the last post 5 steps

- 1 - choose EUR-red (famous 7 pairs)
- 2- make all your setting, including refrencing, onl pair EURGBP, deactivate (click orange-5 then refer box then pairs box, then click on EURGBP to deactivate)
- 3- click on "SAVED-SETTING " BOX (First click on SM-1 to be green)
- 4--**Damage all your setting by choosing box "MY" for example**
- 5- click on import AutoSet box (First click on SM-1 to be green)--**data retrieved??**
- a----click on IMPORT word, (First click on SM-1 to be green)--**data retrieved??**
- b----then after 5 second click on AUTOSSET word, what you notice?--**data retrieved??**

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	Tahoma				7	CRT 120.05 Millionaire. v8 test ☺																																				
LotsOpened: 0										99999.99										42				ALL				ADD				ROC				D 100				PASS				WORD				Buy				Sell				UpdateDivisor: 1 / 0									
NET LOTS 0										SPL: 10000										?				RMV				RD				D=1				Number of current objects on chart = 2146 objects																													
AR	STOCKS				Market Watch				USER				NON-28				CUR	CLOSED				CH	METALS				XAG	XAU	XPT	-	-	-	-	-	-	-	-	-	-	-	-	-																							
1000	2500	Broker Max Orders: infinity										CLS/DEL ON EQUITY%										1.00 %				W	R	SM-1				SM-2				SM-3				C/D				Justice Setting																					
S2	E2	x1000	x100	x10	/10	/100	-	101	111	102	121	S 0.000 T				SEND				MODIFY				DELETE				CLOSE				MACD				RSI																													
39	40	41	42	43	44	45	46	47	48	49	50	250	500	750	1000	2000	2500	5000	10000	20000	nth										Save Setting																																		
90	91	92	93	94	95	96	97	98	99	100	101	0.1	0.2	0.25	0.3	0.4	0.5	0.6	0.7	0.8	0.9	0 1 2 3										Import AutoSet																																	
n	o	p	q	r	s	t	u	v	w	x	y	z	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0 1 2 3										Import UserSet																																	
NOT READY, KINDLY CHECK 9 CONDITIONS BELOW																																Import				UserSet																													
7.001.001+00.1.81578										1 2 3 4 5 6 7 8 9 10										BLOCKED																																													
54675																																																																	
D	W	FL	LI	LL	L1	L2	L3	TO	LD	TP	GAP	P/L USD	Average prices				Average Pips				Net/Lot																																												
5.0		1.00	1.00	9999.00	1	1	1	99	99	60.0	8.6																																																						
5.00		1.00	1.00	9999.00	1	1	1	99	99	60.00	22.50																																																						
5.00		1.00	1.00	9999.00	1	1	1	99	99	60.00	11.74																																																						
5.00		1.00	1.00	9999.00	1	1	1	99	99	60.00	11.75																																																						
5.00		1.00	1.00	9999.00	1	1	1	99	99	60.00	70.00																																																						
5.00		1.00	1.00	9999.00	1	1	1	99	99	60.00	64.50																																																						

please all read picture below 5 times.

know the arrangment of buttons----they should be arranged in excel as have been arranged on picture, for all **20 variables** (not 19, not 21--we say: 20)



O P Q R S T U V W X Y Z - a b c d e f g h i j k l m n o p q r s t u v w x y z 0.01 0.02 0.03 0.04 0.0																									
New orders pause time is currently set at: 0.000 sec																									
SET REFERENCE PRICES ON BAR 7 7 1 USDMXN J SL036.01.100.100+00 20.03007 1 2 3 4 5 6 7 8 9 10 ONE TIME																									
#S	Reference B/S Price	Pairs	ASK	SPD	BID	BL	SL	BS	SS	O	D	W	FL	LI	LL	L1	L2	L3	TO	LD	TP				
1	22.593	22.575	1	22.590	1.8	22.572																			
2	12295.12	12292.12	3	US30Roll	29852.40	5.80	29846.60			1.00	1.00		1.00	1.00	9999.00	1	1	1	96	96	30.00				
3	13324.00	13319.00	4	UT100Roll	12294.50	3.00	12291.50			1.00	1.00		1.00	1.00	9999.00	1	1	1	96	96	30.00				
4	13322.75			DE30Roll	13322.75	5.00	13317.75			1.00	1.00		1.00	1.00	9999.00	1	1	1	96	96	30.00				

how many buttons enclosed inside yellow circles?

Ans: 20 boxes

Then, in EXCEL file each row must have 20 cells, keeping 20 values arranged as encircled in last picture.  
first **refBuy**, then **refSell**, then "ON or OFF" status, then **pairName**, then **BL,SL,SL,SS** and so on till **TP**.

MetaEditor - [SavedSetting.csv]

File Edit Search View Debug Tools Window Help

Navigator

- EXCEL\_PAIRS\_1.csv
- EXCEL\_PAIRS\_2.csv
- EXCEL\_PAIRS\_3.CSV
- EXCEL\_PAIRS\_4.CSV
- SavedSetting.csv
- UserSetting.csv

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

1 22.757;22.739;NO:SIH1;BL;SL;BS;SS;10;10;0;1;1;9999;1;1;1;96;96;3000

2 29910.9;29909.6;NO:US30Roll;BL;SL;BS;SS;100;100;0;1;1;9999;1;1;1;96;96;3000

3 12307.38;12306;NO:UT100Roll;BL;SL;BS;SS;100;100;0;1;1;9999;1;1;1;96;96;3000

4 13369.25;13363.25;NO:DE30Roll;BL;SL;BS;SS;100;100;0;1;1;9999;1;1;1;96;96;3000

5 26808;26800.5;NO:JP225Roll;BL;SL;BS;SS;100;100;0;1;1;9999;1;1;1;96;96;3000

6 26955.5;26949.5;NO:HK50Roll;BL;SL;BS;SS;100;100;0;1;1;9999;1;1;1;96;96;3000

7 6604.4;6600;NO:AUS200Roll;BL;SL;BS;SS;100;100;0;1;1;9999;1;1;1;96;96;3000

8 5617.8;5610;NO:FRA40Roll;BL;SL;BS;SS;100;100;0;1;1;9999;1;1;1;96;96;3000

9 815;810;NO:ESP35Roll;BL;SL;BS;SS;100;100;0;1;1;9999;1;1;1;96;96;3000

10 ;BS;SS;100;100;0;1;1;9999;1;1;1;96;96;3000

11 BL;XX;XX;SS;100;100;0;1;1;9999;1;1;1;96;96;3000

12 X;SS;100;100;0;1;1;9999;1;1;1;96;96;3000

13 X;SS;10;10;0;1;1;9999;1;1;1;96;96;300

14 X;SS;10;10;0;1;1;9999;1;1;1;96;96;300

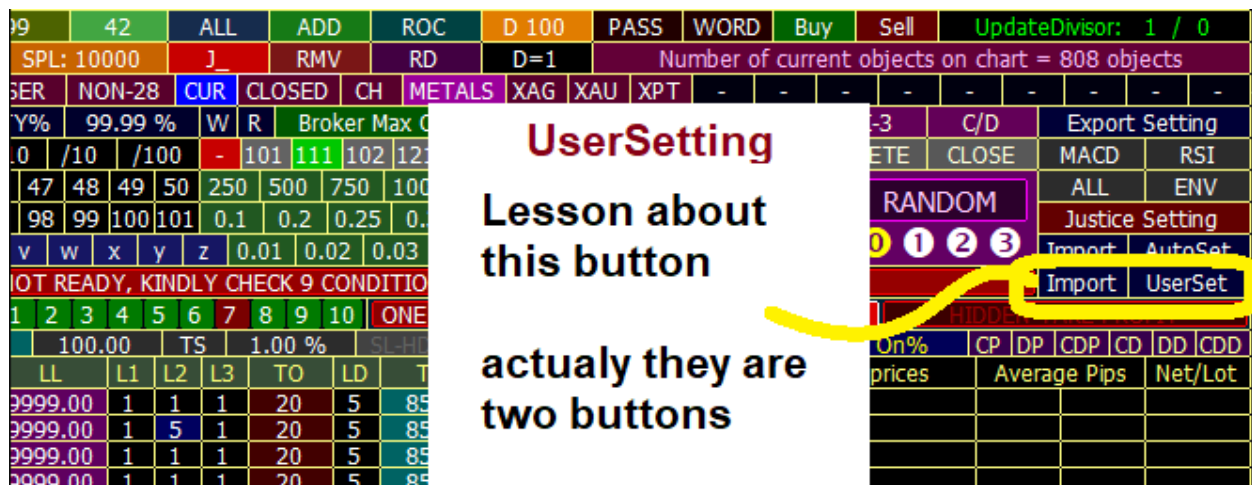
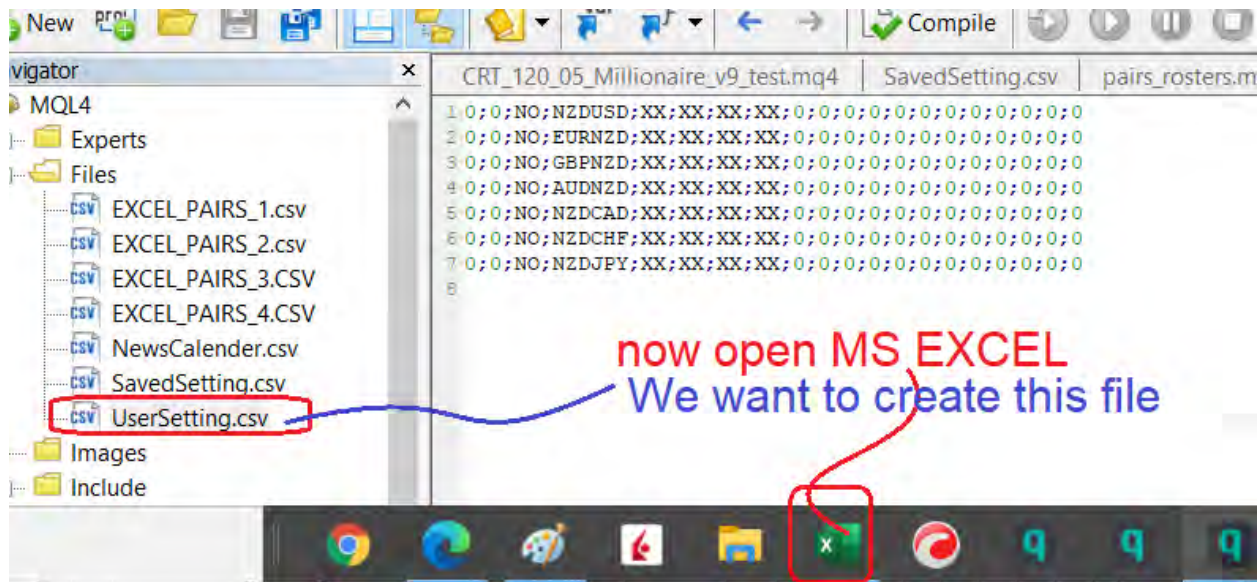
## 19- How to use UserSetting

here forget about data saved

you go to excel then prepare **your permanent** setting, that may you istist on for 2 years.  
you are free in everthing except 4 things:

- 1--file name must be "UserSetting.csv" ----
- 2- each rwo in excel must have 20 elements arranged as how arranged in saved setting
- 3- file must be saved under *MQL4\FILES*
- 4-HIGHLY RECOMMENDED: you had better start from first row

this is more **dynamic**, since you set each variable independetly upon you futuer plan



The **big advantage** of the second approach, that you write data at once, then it will be your setting for many years if you like.

you can also bypass sparam-Group and go directly to your selected pairs.

To recall your manual setting simply:

1- click on SK-1,SK-2,SK-3, then

2- Click on Import/ User Setting

-----a: if you clicked on word import will retrieve all setting as it is

-----b: if you click on UserSetting word also will retrieve all data as it is except refPrices will be updated on dashboard according to current prices, without any change to excel contents.

Create excel File

But wait, before you recall any data(your setting), you must first create that data.

Open excel then name a new file. File name must be **"UserSetting"** with extension **"\*.csv"** or you can download ready-made sample csv file below, then proceed with your modifications upon your desire.

UserSetting.csv



Why the name must be "UserSetting" and extension to be "csv" ?

ans: simple reason--the source code enforce you to do that--you have no choices.

look at sample code:

```
int i=-1;
int file_handle_2=FileOpen("UserSetting.csv",FILE_READ|FILE_CSV,"");
if(file_handle_2!=INVALID_HANDLE)
{
```

arabic KeyBorad ??

T	S	R	Q	P	O	N	M	L	K	J	I	H	G	F	E	D	C	B	A	
850	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURUSD	NO	1.12355	1.12345	1
850	5	20	1	5	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURGBP	NO	1.12355	1.12345	2
850	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURAUD	NO	1.12355	1.12345	3
850	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURNZD	YES	1.12355	1.12345	4
850	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURCAD	NO	1.12355	1.12345	5
999	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURCHF	NO	1.12355	1.12345	6
850	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURJPY	NO	1.12355	1.12345	7
20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	8

Reference B/S Price	Pairs	ASK	SPD	BID	BL	SL	BS	SS	O	D	W	FL	LI	LL	L1	L2	L3	TO	LD	TP
2.00000	1.00000	1	EURUSD	1.21221	2.1	1.21200			50.0	50.0		0.01	0.01	9999.00	1	1	1	20	5	85.0

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

## ON EXCEL USER SETTING

Filling Excel cells

for each instrument, there must be **1 row with 20 columns**

and as explained earlier, the arrangement of 20 variables must be as arranged on dashboard.

For pair#1:

1-Fill A1 cell with your **refBuy** price, you can make it zero if not to be used

2-Fill B1 cell with your **refSell** price, you can make it zero if not to be used

3-Fill C1 cell with either "**YES**" or "**NO**" - all upper case capital letters- to activate or deactivate pair. YES ordinal number box will be RED.

4-Fill D1 cell with pair name. Better to be identical to your broker naming.

5-Fill E1 cell with BL value, either "**BL**" or "**XX**" - all upper case capital letters- **BL** activated , **XX** deactivated

6-Fill F1 cell with SL value, either "**SL**" or "**XX**" - all upper case capital letters- **SL** activated , **XX** deactivated

7-Fill G1 cell with BS value, either "**BS**" or "**XX**" - all upper case capital letters- **BS** activated , **XX** deactivated

8-Fill H1 cell with SS value, either "**SS**" or "**XX**" - all upper case capital letters- **SS** activated , **XX** deactivated

09-Fill I1 cell with **O** (offset) +ve integer value--program will say it as a pipette, if you want 5 pips according to traditional concept, edit 50.

10-Fill J1 cell with **D** (Difference) +ve integer value--program will say it as a pipette, this gives you more generalization

11-Fill K1 cell with **W** (Widening) +ve or -ve integer value.

12-Fill L1 cell with First order Lot **FL** value. It could be integer or float number but not 0. Match it as possible to your broker conditions

13-Fill M1 cell with Lot Increment **LI** value. It could be integer or float number but not 0. Match it as possible to your broker conditions

14-Fill N1 cell with pairLotLimiter **LL** value. Float or integer number-depends on your needs.

15-Fill O1 cell with LotMultiplier-1 **L1**, it must be within limit 1 to 9.

16-Fill P1 cell with LotMultiplier-2 **L2**, it must be within limit 0 to 9.

17-Fill Q1 cell with LotMultiplier-3 **L3**, it must be within limit 1 to 9. better to make it all the time 1.

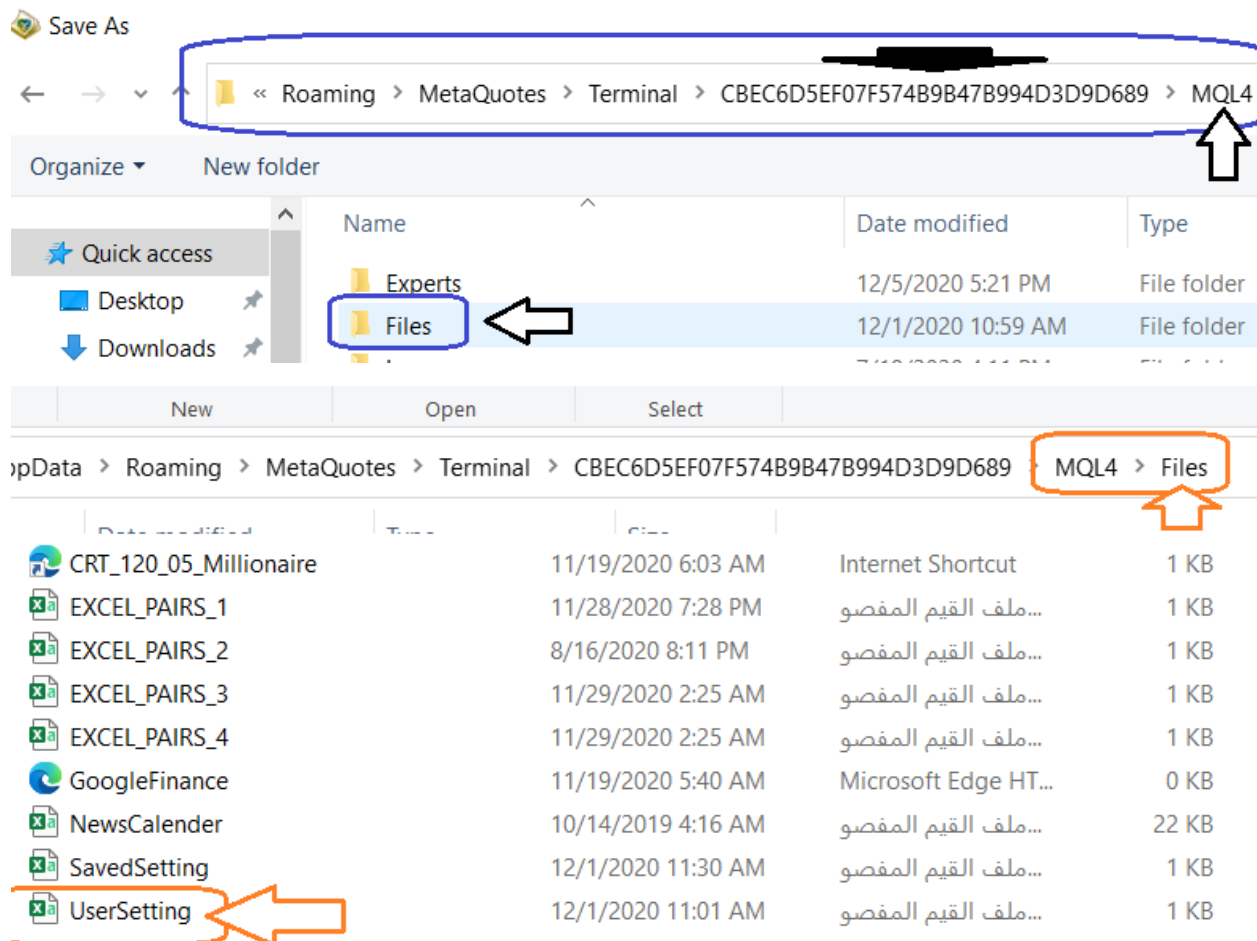
18-Fill R1 cell with **TO** (TotalOrdersPerPairInOneDirection TOPPIOD) +ve integer value. By mere logic it must ne integer.

19-Fill S1 cell with **LD** (LaDder) +ve integer value

20-Fill T1 cell with **TP** (TakeProfit) value in pipettes. Program will say it as a pipette, if you want 50 pips according to traditional concept, edit 500.

Where to save your csv file?

ans: under yourBroker pathname MQL4//**File** folder:



**What will happen if you mis-spelled pair name, or write your name instead of pair correct name format??**

look at the picture:

and when you see something wrong like this-you can modify it or even leave it!! will not affect anything else!

T	S	R	Q	P	O	N	M	L	K	J	I	H	G	F	E	D	C	B	A	
850	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURUSD	NO	1.12355	1.12345	
850	5	20	1	5	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURGBP	NO	1.12355	1.12345	2
850	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	ZORAXFX	NO	1.12355	1.12345	3
850	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURNZD	YES	1.12355	1.12345	4
850	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURCAD	NO	1.12355	1.12345	5
999	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURCHF	NO	1.12355	1.12345	6
850	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURJPY	NO	1.12355	1.12345	7
20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	8

EMENT	999999999.99	Day	999.99%	24H	OnEquity	Eq > 200000	Eq < 0.01	SL-CLS	100.00	TS	1.00 %	SHHG								
Reference B/S Price	Pairs	ASK	SPD	BID	BL	SL	BS	SS	O	D	W	FL	LI	LL	L1	L2	L3	TO	LD	TP
2.00000	1.00000	1	EURUSD	1.21221	2.1				50.0	50.0		0.01	0.01	9999.00	1	1	1	20	5	85.0
2.00000	0.80000	2	EURGBP	0.90232	5.5				50.0	50.0		0.01	0.01	9999.00	1	5	1	20	5	85.0
									50.0	50.0										
5.00000	1.00000	4	EURNZD	1.72237	9.2				50.0	50.0		0.01	0.01	9999.00	1	1	1	20	5	85.0
2.00000	1.00000	5	EURCAD	1.55007	7.6				50.0	50.0		0.01	0.01	9999.00	1	1	1	20	5	85.0
2.00000	1.00000	6	EURCHF	1.08118	4.7				50.0	50.0		0.01	0.01	9999.00	1	1	1	20	5	99.9
112.000	125.000	7	EURJPY	126.310	4.3				50.0	50.0		0.01	0.01	9999.00	1	1	1	20	5	85.0

any error expert will expose it!

Reference	B/S Price	Pairs	ASK	SPD	BID	BL	SL	BS	SS	O	D	W	FL	LI	LL	L1	L2	L3	TO	LD	TP	GAP	P/L USD
2.00000	1.00000	1	EURUSD	1.21221	2.1	1.21200				50.0	50.0		0.01	0.01	9999.00	1	1	1	20	5	85.0	9997.9	
2.00000	0.80000	2	EURGBP	0.90232	5.5	0.90177				50.0	50.0		0.01	0.01	9999.00	1	1	1	20	5	85.0	11994.5	
2.00000	0.00000	3	EURAUD	1.63245	5.4	1.63191				50.0	50.0		0.01	0.01	9999.00	1	1	1	20	5	85.0	9994.6	

YES  
NO  
NO  
NO

8 1.21221 2.1 1.21200

**YOU ADD BY MISTAKE 21 ROW VALUES INSTEAD OF 20  
Therefore everything after will go wrong!  
so please do everything as has been explained - it is a money!**

U	T	S	R	Q	P	O	N	M	L	K	J	I	H	G	F	E	D	C	B	A
	850	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURUSD	NO	1.12355	1.12345
	850	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURGBP	NO	1.12355	1.12345
66	850	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURAUD	NO	1.12355	1.12345
	850	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURNZD	YES	1.12355	1.12345
	850	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURCAD	NO	1.12355	1.12345
	999	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURCHF	NO	1.12355	1.12345
	850	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURJPY	NO	1.12355	1.12345

and that the best thing you can imagine in programming.

## 20- Equity-Alert Music System

**Echo-Sytem** (Skat's music alert fof Lower/Upper user-equity thresholds) - 7 buttons



main concept: to alert trader if equity drop to lower-level-detrmined-by-trader or upper-level  
assume your eq now is 1000 USD, and you want to be notified if equity pass 1200 USD or drop under 800 USD. This incorporated-expert help.



0- Be sure first that your PC speaker is **ON**

1- **Button #1** : is your account current equity.

----1-1: it is active-save button

----1-2: when you click on it will activate both D or U **or** deactivate them at the same time .

2- **button #2** to set lower equity level.

----2-1: use CWC or edit-CWC to set value

----2-2: if you choose equity greater than current equity, expert will set it at current equity.

----2-3: range for accpeted values is shown in ToolTip. b/w 0 and current equity

3- **button #3** to set upper equity level.

----3-1: use CWC or edit-CWC to set value

----3-2: if you choose equity less than current equity, expert will set it at current equity.

----3-3: range for accpeted values is shown in ToolTip. from current equity until 10 doubles of current equity.

4- **button #4**: "Y" button

----4-1: this is allow equity to incement up or down by 0.1% if current equity hit either level, upper or lower

----4-2: Green is activated "ON-status"

----4-3: it cancels button "N" and vice versa

----4-4: you will hear musicUpper of Lower only one time, then increment to new level and wait.

----4-5: the new level values will be shown under button #2 and #3

----4-6: you can consider it **a measure for your lowest and highst equity** during operating system

5- **button #5**: "N" button

----5-1: when equity reach upper or lower level you will hear repeated music for ever until user intervention or equity be below levels.

----5-2: the music for upper level is different from lower-level music

----5-3: it cancels button "Y" and vice versa

----5-4: if you design your own music, the file name must be:

-----5-4-1: for lower music "EquityDownMusic.wav"

-----5-4-2: for upper music "EquityUpMusic.wav" -- downlowd zipped-file in attachemnt

-----5-4-3: this files must be saved under C:\ \ ... yourBrokerFile\ Sounds---look at this picture:

----5-4: N = "No" = No equity increment here.

*Attached File*

 [UpperLowerEquitySounds.rar](#) 438 KB | 1 download

6- **Button #6** -to tune ON or OFF music for **lower** side

----6-1: RED: music ON

----6-2: NON-RED: music OFF

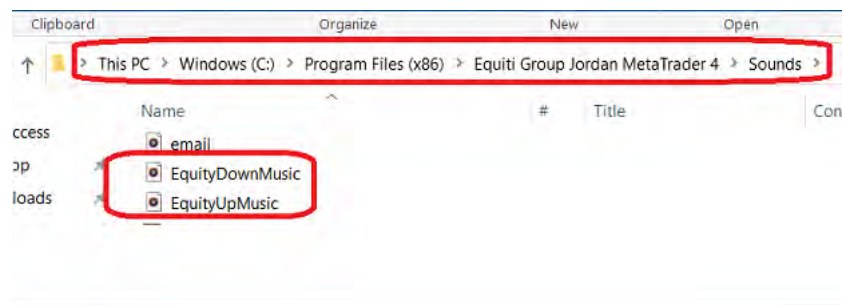
----6-3: D = Down

7- **Button #7** -to tune ON or OFF music for **upper** side

----7-1: RED: music ON

----7-2: NON-RED: music OFF

----7-3: U = Up



## 21- Instruments Daily Range

## 22- Various Scripts: Close-Delete-Modify

To delete all pending orders:

click on **SM-1** then **SM-2**, then **SM-3**, then **DELETE** box

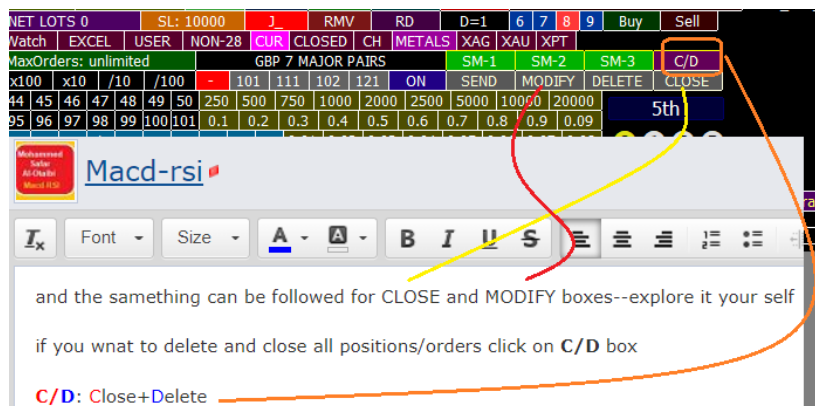


and the something can be followed for **CLOSE** and **MODIFY** boxes--explore it your self

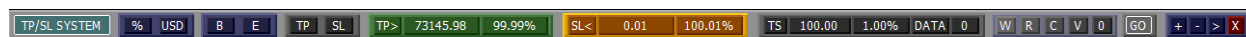
if you want to delete and close all positions/orders click on **C/D** box

**C/D**: Close+Delete at the same time





## 23- Smart TP/SL System



SKs should be ON for all steps

This is done using any one of the following three ways:

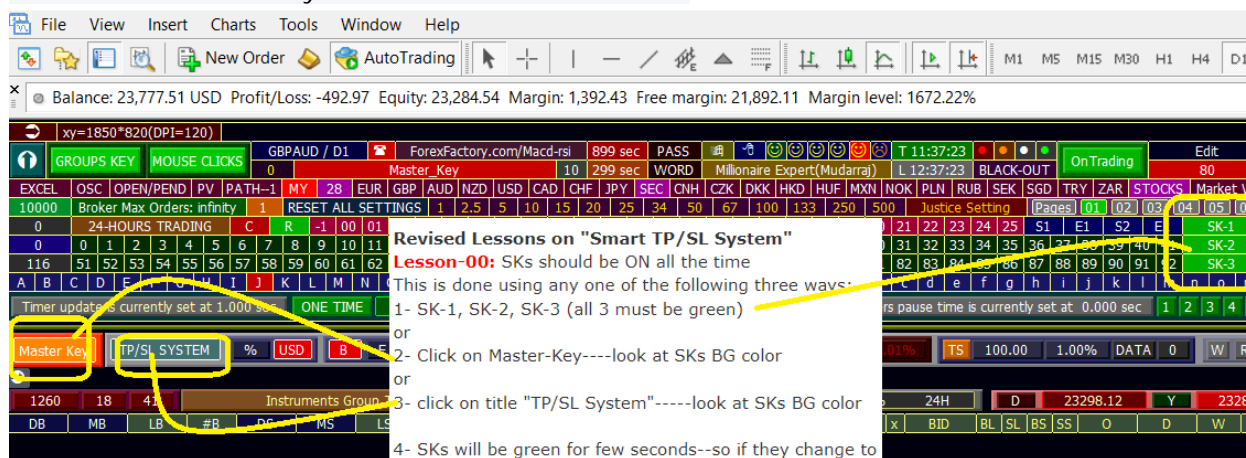
1- SK-1, SK-2, SK-3 (all 3 must be green)

or

2- Click on Master-Key----look at SKs BG color

or

3- click on title "TP/SL System"-----look at SKs BG color



4- SKs will be green for few seconds--so if they change to OFF state before you finish setting, just do any one of above 3 steps to gain more seconds. Remember: Any backward step will cancel any forward step

Post #5304

very simple steps and already explained.

0- click on **USD**---becomes RED

1- Click on **B** or **E**

2- Click on **TP**, becomes RED

3- Clicks on **TP>** it will flash--so you can change equity level

let us say you already 3 minutes ago memorized dummy at **10,123 USD** (your equity target)

4- if **TP>** **Orange** is flashing, click on amount button beside it, the value **10,123** will be saved here.

5- click on **0**---the saviest action button

- 6- click on **OFF**---it will flash ON GREEN/RED ===== TP/SL SYSTEM now is in service
- 2- Click on **TP**, becomes RED

## 1) % or DDD (Denominating or Account Base Currency)

- 1- SKs are green
- 2- press on % or DDD --in picture DDD is USD--
- 3- expert will show dominating account currency
- 4- this step is the key for next steps.allow for further stepsy
- 5- any click on any one of both, will cancel anyforward steps.

Balance: 23,777.51 USD Profit/Loss: -518.04 Equity: 23,259.47 Margin: 1,392.43 Free margin: 21,867.04 Margin level: 1670.42%

xy=1850\*820(DPI=12)

GROUPS KEY MOUSE CLICKS GBPAUD / D1 ForexFactory.com/Macd-rsi 898 sec PASS 11:45:25 OnTrading Edit ALL ADD ROC D

0 298 sec WORD Millionaire Expert(Mudarraj) L 12:45:25 BLACK-OUT 80 J RMV RD

EXCEL OSC OPEN/PEND PV PATH-1 MY 28 EUR GBP AUD NZD USD CAD CHF JPY SEC CNH CZK DKK HKD HUF MXN NOK PLN RUB SEK SGD TRY ZAR STOCKS Market Watch USER NON-28

10000 Broker Max Orders: infinity RESET ALL SETTINGS 1 2.5 5 10 15 20 25 34 50 67 100 133 250 500 Justice Setting Pages 01 02 03 04 05 06 07 08 09 10 11

0 24-HOURS TRADING C R -1 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 S1 E1 S2 E2 SK-1 x1000 x100 x10 -

0 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 SK-2 42 43 44 45 46 47

116 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 SK-3 93 94 95 96 97 98

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z + S 0.000 T - a b c d e f g h i j k l m n o p q r s t u v

Timer update is currently set at 1.000 sec ONE TIME SHOWN TAKE PROFIT Order Magic Number is 2836 New orders pause time is currently set at: 0.000 sec 1 2 3 4 5 6 7 8 9 10

Master Key TP/SL SYSTEM % USD B E TP SL TP> 47555.02 99.99% SL< 0.01 100.01% TS 100.00 1.00% DATA 0 W R C V 0 OFF

1742 22 41 Instruments Group Title AutoSave RESUME Day 999.99% 24H D 23298.12 Y 23266.42 N 23298

DB MB LB #B DS MS LS #S Reference B/S Price # Pairs g ASK x SPD x BID BL SL BS SS O D W FL LI LL

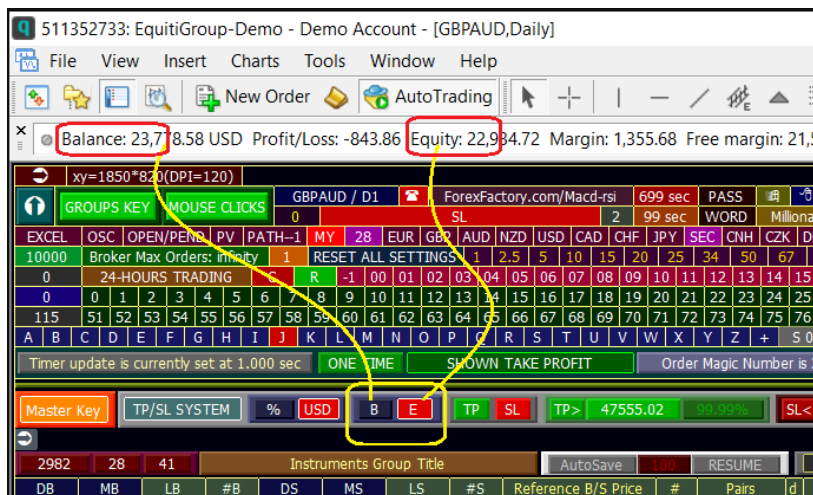
**Lesson-01: % or DDD**

- 1- SKs are green
- 2- press on % or DDD --in picture DDD is USD--
- 3- expert will show dominating account currency
- 4- this step is the key for next steps.allow for further stepsy
- 5- any click on any one of both will cancel anyforward steps.

- 6- RED BGColor indicates your selection

## 2) Lesson-02: TP and SL bases on Balance B or on Equity E ??

- 1- I used word "or" instead of "and" in the above title line
- 2- they are not concurrent, only both be OFF or one of them is On. activation of one cancel others. Reason: Common sense.
- 3- they are the key for the next steps
- 4-if you click on any previos steps buttons, immediuatly deactivae these two buttons
- 5- any click on them deactivate any forward butoons.
- 6- always ON or OFF can not be done if SKs are not green.
- 7- click many times on B--notice what is happening, ON-OFF-ON-OFF-ON- .... but E always OFF
- 8- RED indicates ON



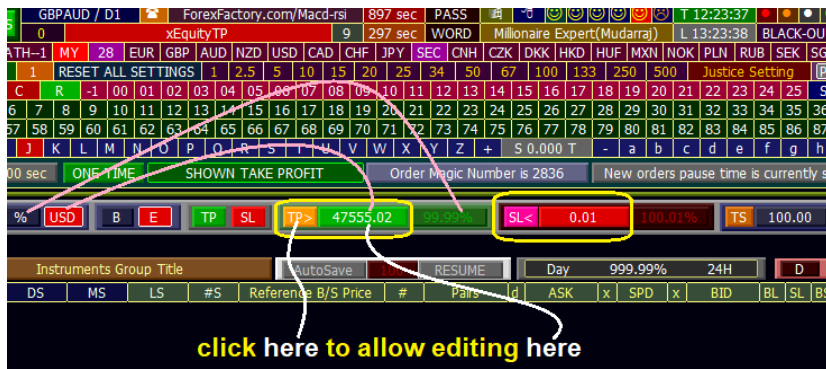
### 3) TP and SL

- 1- I used word "and" instead of "or" in the above title line
- 2- you can activate them both or one of them at the same time. Reason: Common sense.
- 3- they are the key for the next step
- 4- if you click on any previous steps buttons, immediately deactivate these two buttons
- 5- any click on them deactivate any forward buttons.
- 6- always ON or OFF can not be done if SKs are not green.
- 7- click many times on TP--notice what is happening, ON-OFF-ON-OFF-ON- ....
- 8- RED indicates ON
- 9- TP ON leads to TP> bar with different color
- 10- SL ON leads to SL> with different color



### 4) Editing TP and SL values

- 1- you already have memorized dummy value.
- 2- rules here are very strict, not any one can easily change your setting.
- 3- you must click on TP> or SL> to be able later to set values, either (%) or DDD---Any one is shining)--flashing = allow to change value
- 4- when you set %, the corresponding DDD value will be calculated accordingly, and vice versa. example, you choose B, TP, value of 10%, -- corresponding values is 11,000--you know in advance expert will close all positions if your equity reach 11,000
- 5- immediately flash will disappear if you change value of shining field.
- 6- in any step either forward or backward, flashing will be OFF.



7- onpicture you can not click on % field what ever times you try.

## 5) Trailing Stop TS System

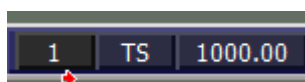
- 1- idle status, everything is Gray. Expert *TP/SL System* will work without using TS.
- 2- but if it is Orange, also expert TP/SL will work without TS. Orange you can only set TS values either DDD or %
- 3- if you click on TS button, it is color be RED. Also here TP/SL will work without TS.
- 4- But if TS is RED, and you click on value DDD or %, and its BGColor becomes GREEN, now TS System is in service.
- 5- any click on TS buttons will cancel any forward steps.
- 6- main TS data will be shown in DATA tooltips passive button.
- 7-counter Button will count how many times TS is triggered.



- 8- in picture, even we edit 35%, but we may choose the corresponding value 8005.95 USD--
- 9- WHEN YOU SET %,DD will be calculated
- 10-but when you set DDD, then % will be calculated.

### a) TS Counter

each time TS is triggered (SL jump by 250) -- the **TS counter** will increment by 1



### b) Trailing Stop Example

#Post 3122

exactly like traditional trailing step--**movements in quantum**

assume your balance = equity = 10,000 USD

you enter EURUSD 5 Lots, after setting TP/SL System including TS

You make StopLoss at 8,000 USD

and TakeProfit at 15,000

**and you choose TS=250 USD**

focus on **SL -- I MAKE IT RED**

Now:

**SL**=8000

TP=15000

TS=250

**SL** will move up in quantum(not with every 1 cent profit, but when profit reach 250 UD and its multiples)

TP is constant all the time

when your equity reach  $10000 + TS = 10250$ , --- **SL** will be 8250 instead of 8000

then no change in SL until another jump of 250 USD

when your equity reach  $10250 + TS = 10500$ , --- **SL** will be 8500 instead of 8250 ---- but TP is still 15000

trailed by 250

later on when your equity reach  $10500 + TS = 10750$ , --- **SL** will be 8750 instead of 8500 ---- but TP is still 15000

later on when your equity reach  $10750 + TS = 11000$ , --- **SL** will be 9000 instead of 8750 ---- but TP is still 15000

later on when your equity reach  $11000 + TS = 11250$ , --- **SL** will be 9250 instead of 9000 ---- but TP is still 15000

later on prices goes against you, untill equity drops to 9249.99 --- all your positions will be closed with a loss of 750 USD (UR ORIGINAL BALANCE IS 10,000)

### c) TS Values

**TS values:**

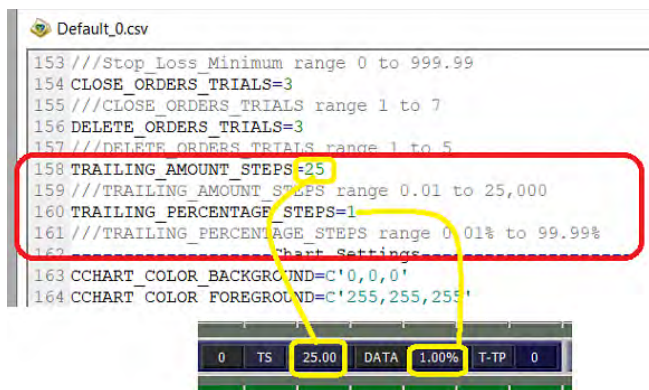
1- default as shown on the picture.

2- or through CWC or ECWC

---2-1: TS button must be RED

---2-2: SKs are GREEN





## 6) Trailing TP System

TEST on trailing TP

assume initial balance is 50,000,  
you set TP at 60,000 with negative trailing -1,000 USD

if equity drops from 50,000 to 48,000, then TP level **drop from 60,000 to 58,000** (more reasonable) and so on

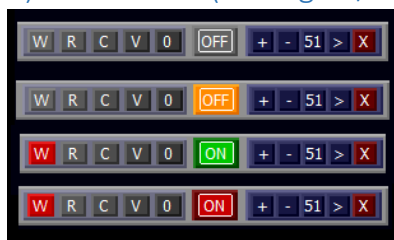
if market goes against you, you react accordingly--make things more logical.  
may it is a new concept! i really do not know. there are more than 7,000,000,000 population on our planet. (i do not count some of my non-friends in this population)

## 7) Actions

- 1- there are 5 possible actions, trader can choose from them
- 2- **W**: when TP/SL System close all, **W**ait user action-- halt trading, but math and other parts will continue. only no entries until user intervention.
- 3- **R**: **R**efresh automatic **R**estart, with new **R**eferenced prices at the time of closing all,. Old #B, #S, LB and LS, will be also ciphered. (set at void or zero values)
- 4- **C**: **C**ontinue normally as nothing happen except overall close. = do not do anything.
- 5- **V**: **R**EMOVE expert from the chart after TP/SL operates.
- 6- **O**: Set all variables to **zero**, deactivate all fire settings.
- 7- any click here will only deactivate forward button GO: ON:OFF



## 8) GO button (Fireing TP/SL Process)

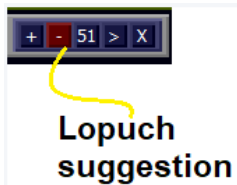


1-when you see Orange OFF button, then click on it if all previous setting are activated, except for TS which is optional.

- 2- SKs are required either for ON case or even for OFF case.
- 3- ON state will flash Green/Red

## 9) CLOSE-MODES (Optional)

- 1- only need SKs for both ON-OFF,
- 2- not related to any previous step. since they are fire buttons but with save operations. no worries.
- 3- button with sign "+" to close orders with larger profits descendingly +ve.
- 4- button with sign "-" to close orders with greater losses descendingly -ve.
- 5- button "51" to close orders partially upon user set partial lot.
- 6- button with sign ">" to close orders with greater lots, but quantumly, descendingly.
- 7- button "x" to close orders normally. mt4 serial orders.
- 8- No one of them will be ON at the same time, only one.
- 9- "x" is the default.



## TOTAL EXPERT BLACK OUT

When any threshold limit has been hit, all orders closed/deleted every thing later will be automatically halted "blackout-state"

no math calc--no trading, no ability to click

but **all your setting** remain the same. when you click on 0x0 box to return from blackout.

after black out you will find:

**1- halt state**

**2-clicks-lock state**

remove the halt,

remove clicks-lock

and do what you want to do

now please practice all

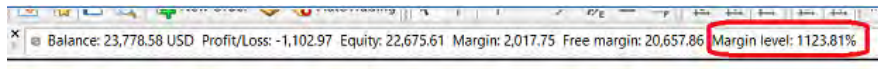
if possible open three demos on 3 terminals,,, choose near values, manually try 100 lot positions to hasten investigation process

do not behave in stupid way and wait 5 hours!

## 24- TP/SL Based Margin Level

### 1) Some of user Trading Math-Restraints On Trading-1: Margin Level (ML)

**maziarb:** I want to stop trading when margin level is below 300%, it is now 1123.81 % look at the picture;



[mohamadmd](#): do the following steps:

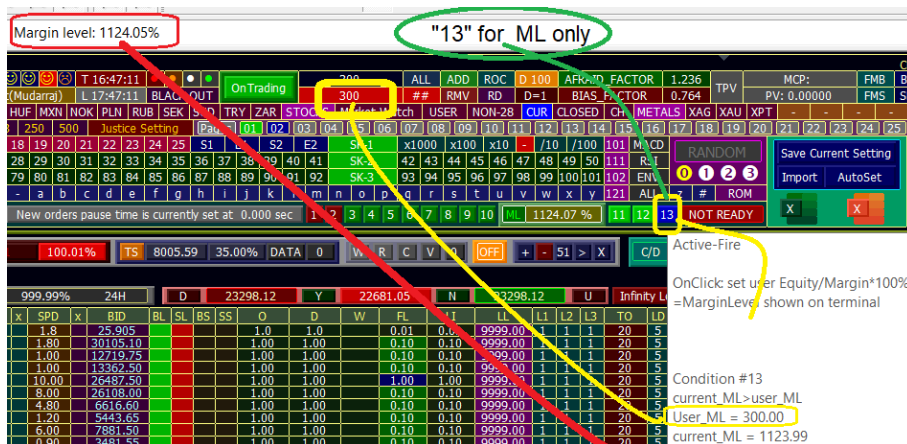
- 1- All 3 SKs---->Green (you may use MaterKey)
- 2- click on BP button. and look at its content until you see "ML"



click [here](#) or [here](#) to change b/w 4 stats: BP, MB, ME, ML instead of BP

BP = ByPass = ignore any trading math restraints

- 3- ML is abbrev of MarginLevel.
- 4- to set your limit at 300, simply make SKs Green, then check that dummy is 300, then click on the box 13.
- 5- box 13 is dictated for ML.



SKs green----> edit 300---click on "13" box--now your ML = 300%

[maziarb](#): I can conclude that when 13 button BGColor is **BLUE** -, mean: we choose ML restraint.

[mohamadmd](#): YES, and there are 4 possible color for each button of "11", "12" or "13". and all three buttons follow the same rule in ON state or OFF state.

look at picture: 4 possible colors--first two just future indication of what will happen if you choose ML mode

but the most important blue and red

case one: mode is not ML : Green or Orange

Margin level: 880.85% >300 %

both two not related to OnLineTrading

Margin level: 125.83% <300%

case one: mode is ML : Blue or Red

Margin level: 875.01% >300

OnLineTrading OK

Margin level: 149.84% < 300% Stop OnLineTrading (restraint)

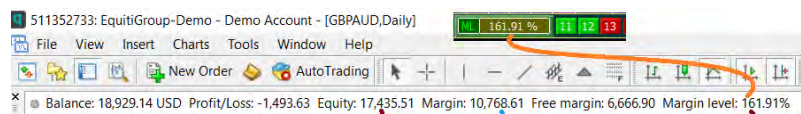
**maziarb:** you mean when "13" is red, no more positions will be opened even if all other conditions are satisfied

**mohamadmd:** Exactly, red-13 means current ML is below your threshold 300% and that what you want.

hint:  $ML = EQUITY/MARGIN * 100\%$  ---- opposite/reciprocal to ME that will be discussed later.

**maziarb:** YES, I prove it for my self, picture:

and it will be shown on ML Field button



$$ML = 17,435.51 / 10,768.61 * 100\% = 161.91\%$$

## 2) Some of user Trading Math-Restraints On Trading-2: Margin/Equity %

**Mostafakamel:** i hate mt4 way, ML which is E/M----I feel the opposite M/E is more realistic. when i tell some one i risk 10%, he immediatly understand that, my margin is 10% of my current equity.

**zreboo:** also this option is aviable under button "12"

Be careful, by simple logic, the max possible value that our mind can imagine is 100% = FULL MARGIN

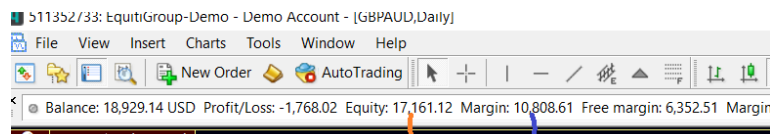
In realtime, this value can not be greater than 100% except when your free margin gets negative.

follow the same steps in post 2952:

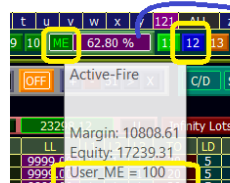
--1- select button ME---click on untill you see ME

--2- ME is abbrev of Margin/Equity (Margin divided by Equity \* 100%)

--3- when your equity is 1,000 and you set **userME** at 1%, trading will stop when your margin is 10 USD (1% OF 1,000 USD)--BUTTON 12 WILL BE red.



$$ME = \text{Margin} / \text{Equity} = 10,808.61 / 17,161.12 * 100\% = 62.80\%$$



62.8 < 100  
trading allowed  
BLUE

USER-ME=100=FULL MARGIN

4- you had better to set value not greater than 5%, to sustain in this dangerous market and can breathe during hard murky times.

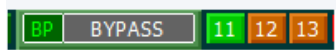
### 3) Some of user Trading Math-Restraints On Trading-2: Margin/Balance %

[zreboo](#): and if you want to gauge on balance-noy equity--use buton 11 "MB" which is Margin/Balance\*100%

----- activation of ant state out of 4 cancel other three, you can not make them all ON at the same time

----- if you want to continue trading without any math-restrictions just select BP--ByPass math-Restraints

----- look at the picture, no restraints, but **we know in advance**, if we ,in **future**, select ME or ML, trading will be stopped--they are Orange---Orange: is **future** indication.



### 4) Macd's Tips to manage Margin

#Post 2958

[Lopuch](#): Nice. it's already close to my trading style.

So. What I watch in my trading:

1. Profit/Loss current (the first place I look)
2. Margin level (when reached my predefined level - e.g. 500% - begin to close the highest losses)
3. Balance (yes, sometimes, when i will send money home from account, or when I want to please myself).
4. Equity (practically not).

Sum: when my acc. reach predefined (mentaly) margin level, i close highest loses until the margin level is acceptable to me. The other positions remain open, another new position can be opened. If I stopped trading when the margin level was too low, I would have to send new money to the account. This is not necessary, just accept a certain level of loss.

I hope you understand me.

Anyway, excellent work.

[Macd](#):

yes i got your point

but expert only will lstop opening new positions.

wisdom say, give also ample time to close

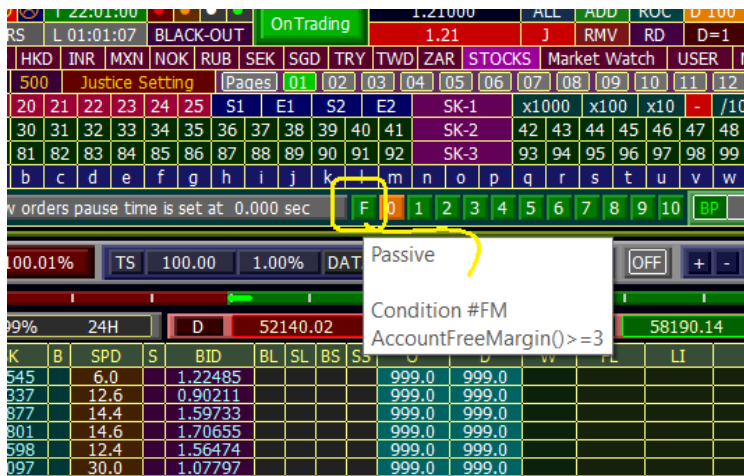
for example ML-user Level is 1000%--stop trading

then when ML drop more to 750% close worst postions, but msnulaly--since TP/SL System close all positions

### 5) F – Free Margin > 3USD

if free margin less than 3 USD ---

another condition indicator has been added. it will not affect trading just an alarming indication



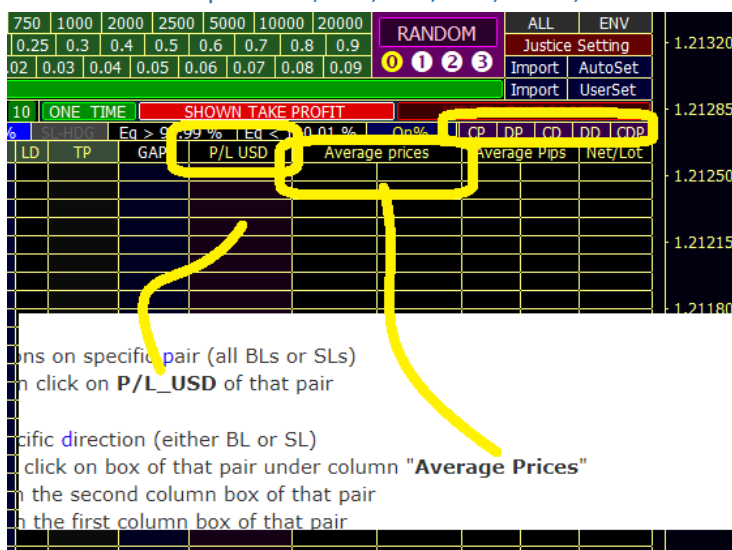
Green: free margin is positive ( $>3$ )

Red: free margin is negative ( $<3$ )

f

hint: we replace 0 by 3--since these things realized by heart.,

## 25- Small Scripts CP,DP,CD,DD,CDP,CDD



## specific-pair- expert-quick-scripts

sorry there are small matter lift: about **expert-quick-scripts**

colors explain meaning: P=Pair---C=close-----1st D=Delete-----2nd D=Direction

**1-** I want to close all postions on specific pair (all BLS,SLs)

-----answer----- click on **CP** box, then click on **P/L\_USD** of that pair



-----answer---- click on **DP** box, then click on **P/L\_USD** of that pair

-----answer---- click on **CDP** box, then click on **P/L\_USD** of that pair

----- For Buy click on the first column box of that pair

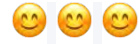
----- For Buy click on the first column box of that pair

5- type of order will be random

6-everything is random

please all click as follows:

SK-1----SK-2---SK-3---RANDOM



Size	Symbol	Price	S / L	T / P	Price	Swap	Profit	Comment
0.03	usdmxn	19.98178	0.00000	0.00000	19.96040	0.00	-3.21 X	RANDOM-20
0.09	usdmxn	19.98178	0.00000	0.00000	19.96040	0.00	-9.64 X	RANDOM-23
0.36	usoilroll	45.080	0.000	0.000	45.007	0.00	-26.28 X	RANDOM-26
0.13	eurcad	1.56799	0.00000	0.00000	1.56795	0.00	-0.40 X	RANDOM-33
0.17	eurusd	1.21244	0.00000	0.00000	1.21330	0.00	14.62 X	0
0.39	eurusd	1.21199	0.00000	0.00000	1.21330	0.00	51.09 X	0

**16 Margin: 3,473.35 Free margin: 13,388.81 Margin level: 485.47% -1,74...**

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# EURCAD #23434637

## 27- RANDOM Entries for Market types only

## 28- Reference Prices

## 1) Set Reference on CURRENT Market (Ask/Bid) Prices

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16
M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	-	a
y set at 2.000 sec					<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>					New orders pause					
		0.03		SET REFERENCE PRICES ON BAR										31	
JPY 7 MAJOR PAIRS										999999999.99				Day	
LS		#S		Reference B/S Price				Pairs				As			
				104.044		104.043		1		USDJPY		104			
0.15		10		125.965		125.961		2		EURJPY		126			
0.07		6		138.968		138.960		3		GBPJPY		138			
				77.175		77.173		4		AUDJPY		77.			
				73.181		73.176		5		NZDJPY		73.			
				81.299		81.295		6		CADJPY		81.			
				116.759		116.751		7		CHFJPY		116			

REFERENCE Box refers to two columns shown in picture below. By clicking on the Reference price twice, it will show ALL the current market (Ask/Bid) Prices of all the pairs

Buy orders reference from (Left Column-Ask) Price

Sell orders reference from (Left Column-Ask) Price

Example if O=D=25 pips, (assuming BL,SL or BS,SS is activated)

If price goes below the Left REFERENCE Box column by 25pips, 1 **Buy** order will be placed  
 If price goes above the Right REFERENCE Box column by 25pips, 1 **Sell** order will be placed

**Tip 1:** If you do not want to populate all pairs (more reference prices, more computing power required), you can select only pairs you want to set your Reference Prices

**Tip 2:** If you want to change only the reference price of 1 of the pairs either (Buy or Sell). Clicking on the pair will auto populate only the Reference Sell Price, based on the current Bid Price (same as Bid Price column). See below.

AIRS		999999999.99	Day	999.99%	24H
Reference B/S Price		Pairs	ASK	SPD	BID
104.044	104.056	1 USDJPY	104.056	0.0	104.056
125.965	125.961	2 EURJPY	126.070	0.3	126.067
138.968	138.960	3 GBPJPY	138.941	0.7	138.934
77.175	77.173	4 AUDJPY	77.280	0.4	77.276
73.181	73.176	5 NZDJPY	73.266	0.5	73.261
81.299	81.295	6 CADJPY	81.372	0.5	81.367
116.759	116.751	7 CHFJPY	116.805	0.8	116.797

## 2) Set Reference Prices on Bar - Future

Timing based on: **Terminal** or **Local** selected by user

Timeframe: **H1 only**

Intention: To set a future price which I want to set my reference price (only Hour)

Example: I want to set my reference price based on Europe Opening hours later

Action: **Select R** -> XX(hour) based on Terminal or Local Timing

## 3) Set Reference Prices on Bar - CURRENT Bar

GBP/CAD / H4		ForexFactory.com/Macd-rsi		507 sec	JCMarkets-Demo03		Edit	0.5
34		USDJPY_000_ref_SellPriceOnBid		38	Millionaire Expert(Mudarraj)		T 07:18:39	L 13:18:39
78		Pg-1 Pg-2 Pg-3 Pg-4 Pg-5 Pg-6 Pg-7 Pg-8 Pg-9 Pg-10 Pg-11 Pg-12		1	ZEROS D Y		10241.99	N U 1 2.5 5 10 15 20 25 34 50 67 100
34		24-HOURS TRADING		C	R		-1 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	S1 E1
0.53		0 1 2 3 4 5 6		13	14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 3		8	
10000		51 52 53 54 55 56 5		64	65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 8		m	
+		A B C D E F G H		9	Q R S T U V W X Y Z - a b c d e f g h i j k l m			
0 sec		Timer u		0.03	New orders pause time is currently set at: 0.000 sec			
GBPJPY #R_SL_003		000138.856		0.03	SET REFERENCE PRICES ON BAR		34	0.53 0.03 EURJPY #R_SL_002
9590		109 -99999.99		JPY 7 MAJOR PAIRS	999999999.99		Day	999.99%
DB		MB LB #B		DS MS LS #S	Reference B/S Price		Pairs	ASK SPD BID
3.4		-2.2 -2.2		13	104.044 104.056		1 USDJPY	104.078 0.0 104.078
12.8		-1.1 0.04		6	125.965 125.961		2 EURJPY	126.093 0.1 126.092
-1.9		-15.2 0.18		11	138.968 138.960		3 GBPJPY	138.949 0.7 138.942
10.2		-0.4		6	77.175 77.173		4 AUDJPY	77.277 0.3 77.274
8.5		-6.6		6	73.181 73.176		5 NZDJPY	73.266 0.6 73.260
8.6		-0.8		6	81.299 81.295		6 CADJPY	81.385 0.3 81.382
7.0		-2.6		6	116.759 116.751		7 CHFJPY	116.829 1.0 116.819

Set reference prices based on OPEN price of current Bar's Timeframe (where EA is placed in)

Assume you apply expert now, time now is 11:33 AM.

But you want to reference at prices at the opening of current candle (depend on expert chart time frame) - say it is **H4**-time frame

Assume Candle opens at **08:00, 12:00, 16:00** etc

If Current time of 11:33, it will **reference the opening price of bar at 08:00 H4 candle**.

you know the difference b/w 08:00 prices and now 11:33 may be huge. you may like that!

#### 4) Set Reference Prices on NEXT Bar

N-UT: Next Automatic Update of Reference Values (For REPEAT option only)

Set reference prices automatically based on **NEXT** OPEN price Bar's Timeframe (where EA is placed in)

The screenshot shows the 'GBP/USD' window in MT4. The 'N-UT' (Next Automatic Update of Reference Values) option is set to 'REPEAT'. The window displays various price levels and indicators, including the '24-HOURS TRADING' section with a table of price changes.

24-HOURS TRADING	C	R	-1	00	01	02	03	04	05	06
0.53	0	1	2	3	4	5	6	7	8	9
10000	51	52	53	54	55	56	57	58	59	60

The screenshot shows the 'N-UT' (Next Automatic Update of Reference Values) option set to 'REPEAT' and the 'AUR' (Automatic Update of Reference Values) option set to 'N-UT: 2020.12.08 07:30'. The window displays various price levels and indicators, including the '24-HOURS TRADING' section with a table of price changes.

24-HOURS TRADING	C	R	-1	00	01	02	03	04	05	06
0.53	0	1	2	3	4	5	6	7	8	9
10000	51	52	53	54	55	56	57	58	59	60

Current Timeframe: M15

Terminal Time (Active): T 07:25:03

N-UT (AUR Red – Active): 2020.12.08 **07:30**

At **07:30**, the Reference B/S Price will automatically update all prices based on the next opening price of the M15 Bar

#### 5) Set Reference Prices on Previous bars - Vietnamese Box

Timing based on: Terminal only

Timeframe: Depends on current Timeframe your expert is in (M1 -> Monthly)



and since i add **string** characteristics to edit field, it is possible to **edit** specific **pair name** and attached to dashboard instead of any pair immediately



Vitenamce Ref System is build on high degree of safety:

1- if you enter time out side of bars time (time of sundays for example) -- expert strictly will discover it and reject it.

2- to set timer--you must know correct time format "yyyy.mm.dd hh:mm"

----- dot "." b/w first three parameters and "" symbol b/w last two elements

----- do not forge tspace" " b/w them

**year** then dot then **month** then dot then **day** then **single space** then **hours** then **minutes**

3- for safety and not east to change time later, by false click, you must use SK1,SK2,SK3 then clock on box

4- if you do, now you can reference price but also on high degree of safety:

-----a- first SK-1

-----b- you have to click on VietnameseBox, 4 times to enfore refPrice to be modified to opening of you selected time.

5- you are now free of H1 frame, if you set ExpertChart for example to M5, then it will take the openinings based on M5.



Example you edit "2020.12.09 07: **33**" -- it will take opening of "2020.12.09 07: **30**"  
33 is part of 30 in M5.

6- before doing any thing choose first - say MY groups - and observe rePrice

7- it is your high responsibility to validate if things are working properly or not. I do it for you, therefore I expect to pay high attention, if possible devote some hours to check.

8- please after counter 3 and refPrices changed---observe row of TRADING-HOURS---does RefHour box is colored with your hour in your selectedTime???? or not.

for example; you choose "2020.12.09 **07**: 33" -- does box Hour\_7 , "**07**", is **GREEN**??

Intention: To set a past price which you want to set my reference price but I cannot use "Set Reference Prices on Bar" (since it only gives Bar0 price), this allow me to set prices based on previous bars

#Post 2344

sacredragon

Hi I am referring to the Vietnamese Box testing.

Let me try to illustrate it so that I understand better.

Current Date: 2020.12.09

Current Time: T19: **01:24** (in picture)

Current Timeframe: M5

Old version > Allows us to set current OPEN price based on current timeframe M5 by clicking on "SET REFERENCE PRICES ON BAR" box at 19: **00:00**

New version > Aim to allow us to set OPEN price based on current timeframe M5 but few (M5) bars/ candle ago by clicking on the Vietnamese Box.

Example: I want to set 1 bar ago based on M5 > retrieve OPEN price of M5 1 bar ago at 18: **55:00**.  
Any timings from "2020.12.09 18: **55** to 2020.12.09 18: **59**" will give us the OPEN price of M5 1 bar ago.

If what I understand was correct, I have tested using the following steps but have been unsuccessful, do correct me if I am doing it wrongly.

Observe -> Current Reference B/S Prices

SK1,2,3 -> Vietnamese Box

Edit -> key in 2020.12.09 **18:55**

Sk1 -> Click Vietnamese Box 4 times

SK1,2,3 -> Vietnamese Box to display timings "2020.12.09 **18:55**"

My observations:

1) Reference B/S Price disappears

2) R Timing does not show

3) Can I confirm timing that we key into "yyyy.mm.dd hh.mm" corresponds to T and L timings?

Propose:

1) Is it possible to include the timing of the Current Reference B/S Price as well, so that we know what date/time the Reference B/S Price was taken from.

#Post 3408

## Macd-RSI

### *Quote*

Old version > Allows us to set current OPEN price based on current timeframe M5 by clicking on "SET REFERENCE PRICES ON BAR" box at 19:00:00

true, "SET\_REF ON BAR" on candle #0, last candle,  
you named it "current" -- and that also true

### *Quote*

New version > Aim to allow us to set OPEN price based on current timeframe M5 but few (M5) bars/ candle ago by clicking on the Vietnamese Box.

true

plus more task: it will set trading hour for coming days, at the hour which is part of vietnameTimer.  
2020.12.01 09.08

at that day "pats or first time" prices were at 2020.12.01 09.05-----past  
but coming days if new human intervene, REF\_HOUR = 09:00 ---- box "9" will be Green-----future

### *Quote*

Example: I want to set 1 bar ago based on M5 > retrieve OPEN price of M5 1 bar ago at 18:55:00.

Any timings from "2020.12.09 18:55 to 2020.12.09 18:59" will give us the OPEN price of M5 1 bar ago.

exactly

### *Quote*

Observe -> Current Reference B/S Prices

SK1,2,3 -> Vietnamese Box

Edit -> key in 2020.12.09 18:55

Sk1 -> Click Vietnamese Box 4 times

SK1,2,3 -> Vietnamese Box to display timings "2020.12.09 18:55"

yes , it must not change refPrice. thanhalove speak about it.

**Reason:** you choose future value--- future time without bar (bar not created yet on chart). this box is built on existing bars

assume you select bar of sunday time! alsu refPrice must not change.

if changed there is a problem in the code==== mismatch b/w what we have said here and how things are running.

### *Quote*

Propose:

1) Is it possible to include the timing of the Current Reference B/S Price as well, so that we know what date/time the Reference B/S Price was taken from.

great propose

will be added on vietnamese box, so this box show last refProcess time.

**really it is great idea.**

very great.

thank you.

if you were programmer, iam sure you will do things much better

### *Quote*

3) Can I confirming timing that we key into "yyyy.mm.dd hh.mm" corresponds to T and L timings?

since we take bars, and bars belong to broker, and broker is the owner 😊 of the terminal, here no choice.

but from math viewpoint and then from programming point of view, conversion is easy b/w local and

Tremibal.

assume you apply vietnamese box. bar deal with Terminal time.

But you choice is Local Time. then in this case program know all this facts and do conversion.

assume thanhalove local time is 19:00 while terminal is 12:00

and he always choose "L ---- Local"

and edit 2020.12.10 12:12 ---- program can see it as thnhalove intention -- as a local time, then convert it inetrenaly to terminal time,

this is possiblen but may pose some confusion!

better solution is that immediatly when select Vietnamese system-- **program enforce every thing to be on terminal mode.**

Post #5301

this part I explained twice.

i will repeat for the third time.

first, for string values like time format--**no need to click on dummy.**

**dummy just for integers and floating values**

if SKs ON, just type and click,

**be sure first there is a corresponding 1 min candle at your time** of the chart you attaching expert to(BTCUSD in your picture). otherwise start of the day will be your time



do not forget it take time part upon chart frame

for example if you apply to M5, you have to expect referencing on 11:25 instead of 11:27.

## a) Coordination of Ref Timers (synchronization)

now vietnamses timer is synchronized with any other ref method

activating one method to **de**-activate others

also timeFormat

you can use yyyy -- result will be the current time moment for example "2020.12.10 22.34"

you can use yyyy.mm -- the result will be the start of the month

if you edit 2020.09 -- result: 2020.09.**01 00:00:00**

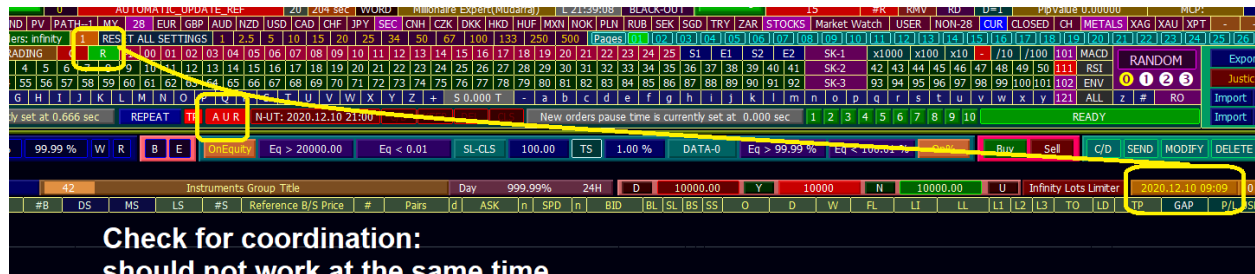
also you can use format yyyy.mm.dd

for example you edit 2020.12.07 --- result: 2020.12.07 **00:00**

if you edit any wrong valued for example "7" or "T#9879-98FsU" or "98457" -- the result will be the start of current date

For example you edit T677YX677 then clicked on SK-1,SK-2, SK-3 then Viet box, the result will be **2020.12.10 00:00:00**

today is 2020.12.10



## 6) Set User Reference Price

button p has been added

[Quoting ENG.yahia](#)

excuse me is it possible to add user reference price example set ref buy for EURUSD at specific price 1.2100

done

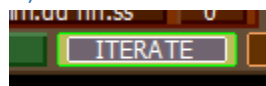
now through CWC, after special price key p , you can set your price>



if **p** is red: your price

if not red: what we have been used to.

## 7) ITERATE button



### NewLesson:

-----**Skat**: when i click SetRefOnBar, weekly chart, all my 10 pairs was at least -200 pips, my O=D=10;

**omaramir**: when i click SetRefOnBar, weekly chart, all my 10 pairs was at least -200 pips, my O=D=10;

----**zreboo**: when i click SetRefOnBar, weekly chart, all my 10 pairs was at least -200 pips, my O=D=10;

-----**Skat**: i want expert to open positions **one order for each pair**, and then rotate again till all orders are executed;

**omaramir**: NO, NO, I want expert to open all 20 positions of the first pair, then go to the second pair and so on (-200/10=20 positions);

----**zreboo**: I hate both methods. I prefer 2 orders for each pair, then go to the second order and when 2 orders of last pair is opened, rotate again 2 orders for each pair.

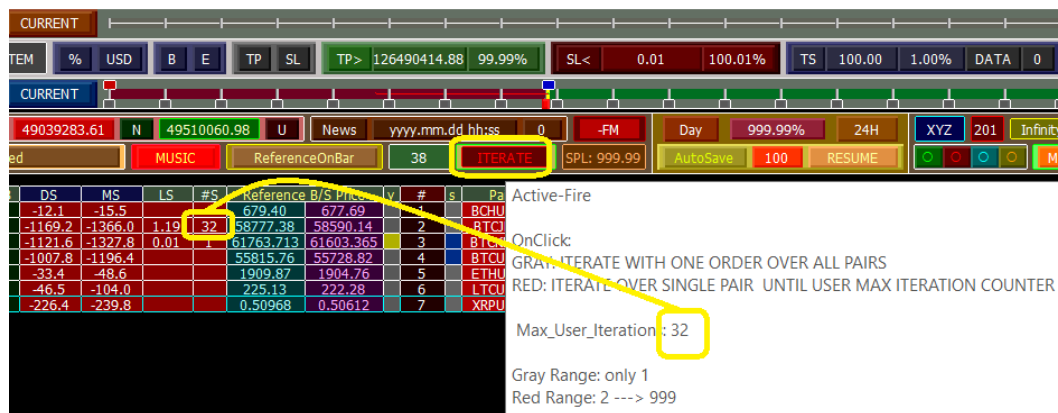
**sacredragon**: all choices are available. if **ITERATE** button is GRAY, it is our normal case (**Skat** want that)

but when **ITERATE** is RED, then through CWC method, **omaramir** has to choose big integer number, let us say 40 and **zreboo** has to choose integer 2.

and you will see the true number of iteration in **tooltips** of **ITERATE**

## Post #6122

expert will iterate over the same pair 32 times, if first 32 orders entry condition is satisfied, then go to next pair and so on



you can set values other than 32 in default file.  
this value can not be changed by CWC. **common sense rule**

```

85 ///magic_yes_or_no///Accept 2 possible values 1)YES, 2)NO
86 SLIPPAGE_IN_POINTS=30
87 ///SLIPPAGE_IN_POINTS///Range 0 to 999
88 risk_mode=BP
89 ///risk_mode///Accept 5 possible values 1) BP, 2) ML 3) ...
90 USER_ORANGE_NUMBER=66.6
91 ///USER_ORANGE_NUMBER///Range 0.10 to 999.99
92 ITERATE=NO
93 ///ITERATE///Accept 2 possible values 1)YES, 2)NO
94 ONE_PAIR_ITERATION=32
95 ///ONE_PAIR_ITERATION///Range 2 to 999
96 JUSTICE=NO
97 ///JUSTICE///Accept 2 possible values 1)YES, 2) NO
98 ICAN_CURRENCY=USD
99 ORACHEAL_ACTIVATE_TYPE_AGAIN=YES
100 ///ORACHEAL_ACTIVATE_TYPE_AGAIN///Accept 2 possible values 1)YES, 2) NO
101 SPREAD_LIMITER=999.99
102 ///SPREAD_LIMITER///Range 0.01 to 9999

```



## Hints:

- 1- you have to activate iteration---ITERATE=YES===>RED button
- 2- Gray button, is our normal operation, no iteration
- 3- range from 2 to 999
- 4- using SKs, then click on ITERATE to make it ON/OFF

## 8) Pips Trading Distance

Post #6020

I see the problem in BS , SS , is when you open orders from far away distance from your reference price. , when those orders reverse then you will face that DD.

Let's assume you are opening BS orders and the market directions is with your side , so you are



making profits , you will become very far from your reference number , and since your profitable orders closed in profits , so lot limiter will not stop the expert from opening new orders. , when reversal , it will be big accumulated DD.

In case there is a solution to this problem , we can help each other to cooperate and limit the orders of both directions in a limited area around the reference prices.

If I miss something , or in case I have mistakes in my thinking please point out it to me , and let me please correct my understanding .

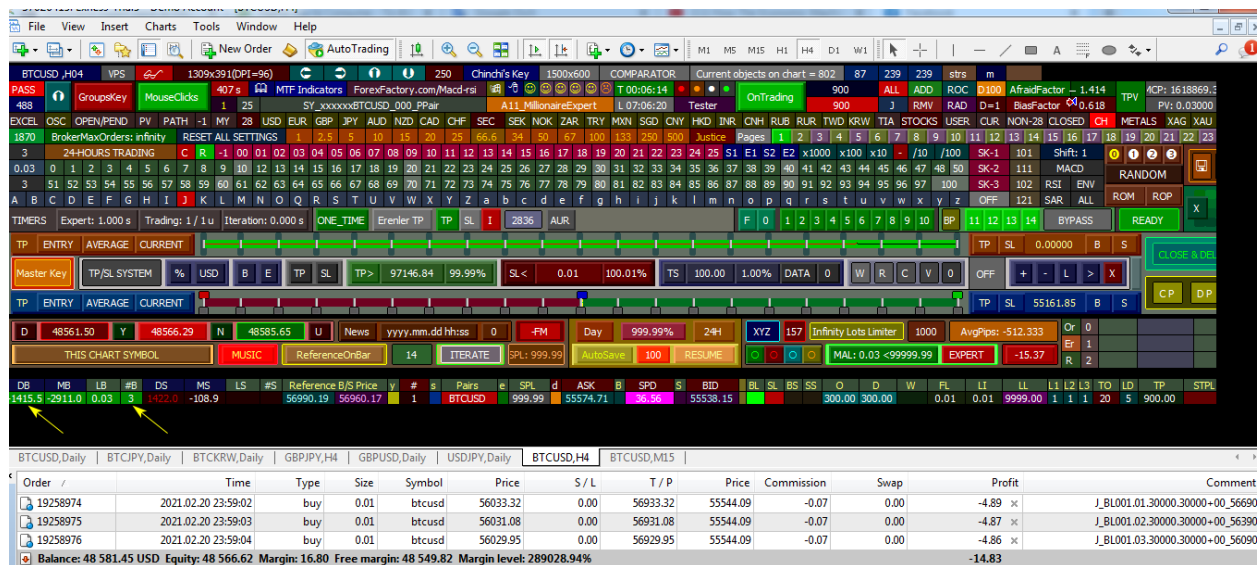
Just I am asking my self , and hope MACD-RSI will not be angry from me " can we limit ourselves by upper\_reference\_price ( expert will not open BS upper than thatlevel ) and ( lower\_reference\_price :expert will not open SS below this price ) , these prices can be implemented by ( fixed distance ( user defined parameter) from the current reference price in both directions) at least if the idea is acceptable and may lead to profits , lets think about it after July , I don't know if we can solve it by the current expert with some sttings , at least I can't find a way to do this.



Post #6066

in the attached picture , expert will not open BS higher than 800 pippets than ref price . and it will not open SS 800 pippetes below reference price.

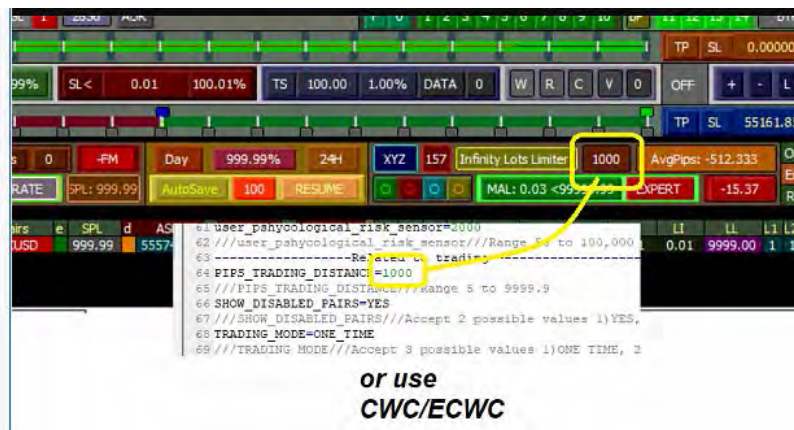




NO, expert is wrorking 100% with you according to your setting. you now prove that 1000 button is 100% accurate.

**reason:** [phuclockbs](#), not me or my expert, not zreboo, limit **orders pip range** to 1000 pips/tripettes.pipettes

so for O=D=300, **WE ONLY EXPECT 3 ORDERS TO BE EXECUTED**



or use  
CWC/ECWC

IF YOU SET OMAR-AMIR VARIABLE 😊 to **9999.99** (max limit is 9999.9 pips/tripette/pipette) -- it almost mean: *there is no pip limits*

do it once at yur live

this feature is good for SS, BS orders



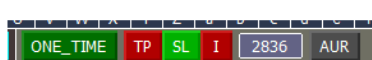
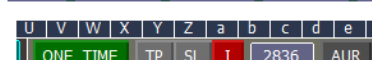


## 29- Trading Online with three modes:

Update:

Post #

9-possible modes for SL/TP:

**I button**, for stupid brokers, to allow expert to change SL or TP until it is accepted by broker in incremental step that **YOU** set it in default file, as has been explained 3 days ago.  
to deactivate **I** click on to be **GRAY**

	TP is shown and SL is shown
	TP is shown and SL is hidden
	TP is shown and no SL
	TP is hidden and SL is hidden
	TP is hidden and SL is shown
	TP is hidden and no SL
	no TP and no SL
	no TP and SL is hidden
	no TP and SL is shown

## 1) Ref Hour R and Repetition Mode

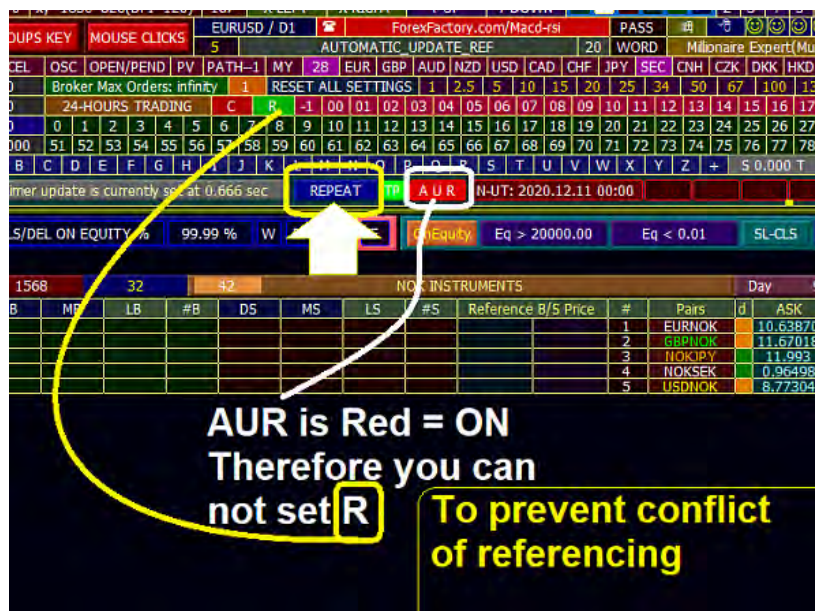
Ref Hour R and REPETION MODE

If you set R at specific hour let us say 13:00,

then you are trading using REPETION MODE:

1-- if AUR is OFF, then no change to R-Hour

2-- but if AUR is ON "RED" -- expert will immediatly reject your R-Hour  
if you try to set R agin, you can not. expert **reject** always



## 2) Erenler TP



Post #5860

if you know in advance **average price** of EURUSD **BUYs**

then you choose Erenler TP, with each new order buy on EURUSD, TP will be adjusted

accordingly **after some time** determined by **you** to accomodate for new order.

**not me, not the expert**, but **zreboo** choose ERENLER\_TP\_TIMER at **180** seconds. = 3 minutes.

this 180 is not my setting, it is zreboo setting. who choose it not me.

so there is a new order ENTRY on EURUSD at 22: **12:37**

at 22: **15:37** TP of all EURUSD position will be modified to include last entry

but if there is a new order at 22: 14: 12, TP process will be delayed to 22: 17: 12 **instead of** 22: 15: 37

in this way , we make expert fast, since there is less iteration.

just imagine there is 500 orders on EURUSD!! WILL heat your PC!! if iteration done each 1 seconds!!

```

A00_MillionaireExpert.mq4 | hidden_pending_orders_repeat.mq
85 ///SLIPPAGE_IN_POINTS///Range 0 to 999
86 risk_mode=BP
87 ///risk mode///Accept 5 possible values 1) BP, 2) MI
88 USER_ORANGE_NUMBER=66.6
89 ///USER_ORANGE_NUMBER///Range 0.10 to 999.99
90 ITERATE=NO
91 ///ITERATE///Accept 2 possible values 1)YES, 2) NO
92 ONE_PAIR_ITERATION=32
93 ///ONE_PAIR_ITERATION///Range 2 to 999
94 JUSTICE=NO
95 ///JUSTICE///Accept 2 possible values 1)YES, 2) NO
96 ICAN_CURRENCY=USD
97 ORACHEAL_ACTIVATE_TYPE_AGAIN=YES
98 ///ORACHEAL_ACTIVATE_TYPE_AGAIN///Accept 2 possible
99 -----Related to Timers-----
100 ///ALL FIRST 8 PARAMETERS ARE SET IN SECONDS-UNIT
101 ORACHEAL_CASE_TIMER=360
102 ///ORACHEAL_CASE_TIMER///Range 5 to 1,000
103 ERENLER_TP_TIMER=180
104 ///ERENLER_TP_TIMER///Range 5 to 1,000
105 Iteration_Timer=0
106 ///Iteration_Timer///Range 0 to 360
107 Expert_Timer=1
108 ///Expert_Timer///Range 0.10 to 3.600

```

if market is going against you an before TP time, there is a new order. TP process is delayed. this is the smart point here.

only at spare times (no entry periods) TP work.

and each pair is **independent** of any other pair. Always 180 from last entry for that pair.

for example **GBPNZD** may be modified at 22:12:46, but EURUSD at 22:14:13.

please try it with danger setting and observe time of entry, record it on external paper, and wait you ern time, , **then feedback us.**

TP-ERENLER is always againts TP button, they can not be ON at the same moment. one cancel other.

and it works only with ONE\_TIME mode.

## 30- Timers

### 1) Expert Timer

Post #5898



let us check the possible max pause order execution on max ranges:

expert: 3600 = 1 hour as mentioned yesterday

trading 360 updates.

iteration 6 minutes.



therefore if we choose these values, after **360 hours** (1 hour \* 360 updates) first order will be executed,  
 then second order after 6 min and so on till the last dashboard pair.  
 then we wait another 360 hours

360 hours = **15 days** 😊

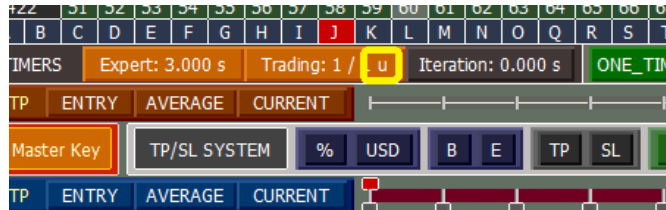
**first order after 15 days**

**second order if any after 15 days plus 6 min (inside iteration loop over 28 pairs)**

i explained in last 3 posts true situation--please read them carefully  
 for **normal** news volatility i recommend quick entries, to get best price level  
 but for **crackdown** volatility better higher timers.

quick best profits at shortest time comes from normal volatility--if possible all orders executed at the same moment

## 2) Trading Timer



**its measurement unit is u , not seconds**

**u: first letter of updates (special time unit)**

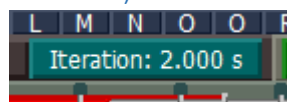
**maramir:** when i choose expert timer at 3 sec, that mean i will see data updates each 3 seconds.  
 for example ASK/BID prices, and expert will make quick visit to order entry functions either one-time or repeat, etc...

**minella:** that is completely **wrong**. what you see **will be correct only in one case**: when TimerUpdate is 1.

**NSC-Mal:** i guess if TimerUpdate is 7 u, then dash values update plus trading functions will be updated each 21 seconds:  $3 \text{ sec/u} * 7 \text{ u} = 21 \text{ seconds}$

**Macd-Rsi:** yes MSC-Mal. that is exactly what must happen

## 3) ITERATION button



**Post #5865**

**Iteration timer**

one of most essential parts of the expert.

..  
 ..  
 ..  
 ..  
 ..

do you remember GBP crash two years ago.



for the same exact setting:

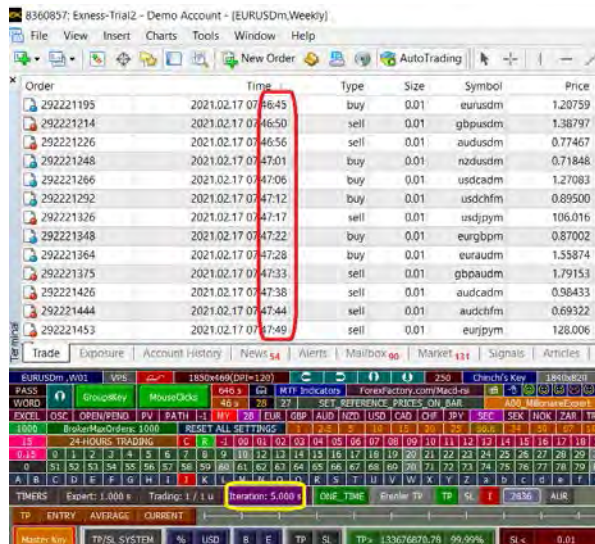
if you choose 0.0 second you **loss** your account

if you choose 20 seconds, your account is **doubled**

look at picture, i choose **iteration = 5 seconds** through CWC-method

look at orders list, each 5 second a new order, even condition are satisfied for each pair for many orders--i choose refOnBar **weekly**.

it is a matter of time.



Order	Time	Type	Size	Symbol	Price
292221195	2021.02.17 07:46:45	buy	0.01	eurusdm	1.20759
292221214	2021.02.17 07:46:50	sell	0.01	gbpusdm	1.38797
292221226	2021.02.17 07:46:56	sell	0.01	audusdm	0.77467
292221248	2021.02.17 07:47:01	buy	0.01	nzdusdm	0.71848
292221266	2021.02.17 07:47:06	buy	0.01	usdcadm	1.27083
292221292	2021.02.17 07:47:12	buy	0.01	usdchfm	0.89500
292221326	2021.02.17 07:47:17	sell	0.01	usdjpy	106.016
292221348	2021.02.17 07:47:22	buy	0.01	eurgbpm	0.87002
292221364	2021.02.17 07:47:28	buy	0.01	euraudm	1.55874
292221375	2021.02.17 07:47:33	sell	0.01	gbpaudm	1.79153
292221426	2021.02.17 07:47:38	sell	0.01	audcadm	0.98433
292221444	2021.02.17 07:47:44	sell	0.01	audchfm	0.69322
292221453	2021.02.17 07:47:49	sell	0.01	eurjpy	128.006

some orders after **6 seconds!!!** you know processor issues and an internet status!! error of 1 second is tolerated.

new order entry is done when normal conditions is satisfied, then **after new order entry by some time**, TP of all orders of that pair will be changed, for all sell and all buy positions.

I is optional

if you choose it--re I:

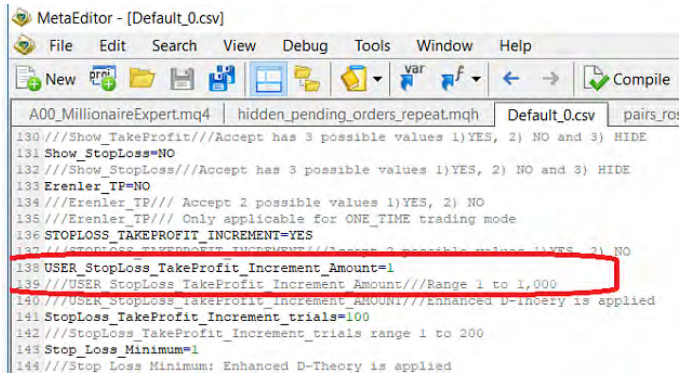
If broker accept your order, it is ok, no effect of I

But if your broker reject TP level due to stopLevel issues, the TP will be changed to far level. if it was originally at 1.1900, it will be changed to 1.8950 FOR EXAMPLE and so on till it was accepted by the server.

change from 1.1900 (rejected value) to 1.18950, is determined by YOU, not by me, not by expert.

**PLEASE READ 10 TIMES: ALL THE TIME EXPERT AND ME ARE 100% CORRECT.**

The reason is: **YOU** choose 1 at default, that mean 1 pip for EURUSD, 1 trippete for UT100----if you choose D100



```
MetaEditor - [Default_0.csv]
File Edit Search View Debug Tools Window Help
New Open Save Print Undo Redo Find Compile
A00_MillionaireExpert.mq4 hidden_pending_orders_repeat.mqh Default_0.csv pairs_ro
130 ///Show TakeProfit///Accept has 3 possible values 1) YES, 2) NO and 3) HIDE
131 Show_StopLoss=NO
132 ///Show StopLoss///Accept has 3 possible values 1) YES, 2) NO and 3) HIDE
133 Erenler_TP=NO
134 ///Erenler_TP/// Accept 2 possible values 1) YES, 2) NO
135 ///Erenler_TP/// Only applicable for ONE_TIME trading mode
136 STOPLOSS_TAKEPROFIT_INCREMENT=YES
137 ///StopLoss TakeProfit Increment///Accept 3 possible values 1) YES, 2) NO
138 USER_StopLoss_TakeProfit_Increment_Amount=1
139 ///USER StopLoss TakeProfit Increment Amount///Range 1 to 1,000
140 ///USER StopLoss TakeProfit Increment Amount///Enhanced D-theory is applied
141 StopLoss_TakeProfit_Increment_trials=100
142 ///StopLoss TakeProfit Increment_trials range 1 to 200
143 Stop_Loss_Minimum=1
144 ///Stop Loss Minimum: Enhanced D-Theory is applied
```

LOOK AT COMMENT|: **enhanced**-D-Theoru is applied--- that mean it will change 1 to 10 or 100 or kept it at 1  
and since it is enhanced--for **BTCKRW**, 1 will be changed to 1000 for example.

if D100 is selected  
and TP **originally** must be at **1.1900**  
and increment is 1 pip  
then if 1.1900 is rejected by your broker, TP will be changed to 1.1900 minus 1 pip = **1.1899**,  
then if rejected will be changed to **1.1898**, then **1.1897** and so on

but if you choose increment of 5,

1.1900  
1.1895  
1.1890  
1.1885

till the order is modified by the server.

now zreboo: assume the order for any reason is rejected always by the server?? does the prev process is **endless**!! iteration continue for **infinity**???

# NO

REASON: beacuse of **YOU** prevent endless loop,  
and expert makes limit b/w 1 and 200 of trials.

**zreboo**, not me **neither** expert, choose # of trials to be 100 times.  
zreboo in default setting make trials = 100

if zreboo make it **398**, will be rejectd by expert and set at max of **200**

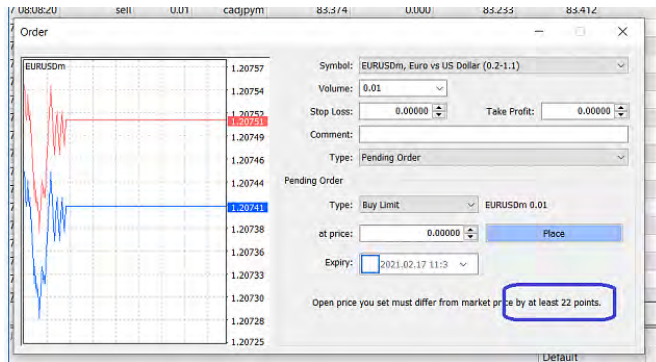
if zreboo by mistake make it 0 or negativ number expert will make it plus **1**

```

MetaEditor - [Default_0.csv]
File Edit Search View Debug Tools Window Help
New Open Save Print Undo Redo Copy Paste Find Replace Compile
A00_MillionaireExpert.mqh hidden_pending_orders_repeat.mqh Default_0.csv pairs_1
130 ///Show TakeProfit///Accept has 3 possible values 1) YES, 2) NO and 3) HIDE
131 Show_StopLoss=NO
132 ///Show StopLoss///Accept has 3 possible values 1) YES, 2) NO and 3) HIDE
133 Erenler_TP=NO
134 ///Erenler_TP/// Accept 2 possible values 1) YES, 2) NO
135 ///Erenler_TP/// Only applicable for ONE_TIME trading mode
136 STOPLOSS TAKEPROFIT INCREMENT=YES
137 ///STOPLOSS TAKEPROFIT INCREMENT///Accept 2 possible values 1) YES, 2) NO
138 USER_StopLoss_TakeProfit_Increment_Amount=1
139 ///USER_StopLoss_TakeProfit_Increment_Amount///Range 1 to 1,000
140 ///USER_StopLoss_TakeProfit_Increment_Amount///Enhanced D-Theory is applied
141 StopLoss_TakeProfit_Increment_trials=10
142 ///StopLoss_TakeProfit_Increment_trials///Range 1 to 200
143 StopLoss_Minimum=1
144 ///StopLoss_Minimum: Enhanced D-Theory is applied
145 ///StopLoss_Minimum range 0 to 999.99
146 -----Chart Settings-----
147 CCHART_COLOR_BACKGROUND=C'0,0,0'
148 CCHART_COLOR_FOREGROUND=C'255,255,255'

```

th buckshop EXNESS, EURUSD stoplevel is 22 points = 2.2 pips  
 so if you make TP at current price, it will be rejected, and only you need 3 trials only  
 3trials is 3 pips = 30 point which is the nearest to 22



and as a trading culture, **zreboo (not me)** know his brokers conditions well before trading with them

i find **very smart solution** and also with less coding. guaranteed 100%  
 look no delay

5 seconds mean 5 seconds 🤔🤔

92267871	2021.02.17 10:43:09	sell	0.02	chfjpy	118.419	0.000	118
92267878	2021.02.17 10:43:14	buy	0.02	eurnzdm	1.67828	0.00000	1.67
92267894	2021.02.17 10:43:19	sell	0.02	gbpnzdm	1.92896	0.00000	1.92
92267900	2021.02.17 10:43:24	buy	0.02	eurusdm	1.20643	0.00000	1.20
92267904	2021.02.17 10:43:29	buy	0.02	audusdm	0.77492	0.00000	0.77
92267915	2021.02.17 10:43:34	buy	0.02	nzdusdm	0.71900	0.00000	0.71
92267963	2021.02.17 10:43:39	sell	0.02	usdcadm	1.27012	0.00000	1.26
92267988	2021.02.17 10:43:44	sell	0.02	usdchfm	0.89470	0.00000	0.89
92268022	2021.02.17 10:43:49	sell	0.02	usdcadm	1.05980	0.000	1.05
92268031	2021.02.17 10:43:54	buy	0.02	usdcadm	1.05980	0.000	1.05
92268043	2021.02.17 10:43:59	buy	0.02	usdcadm	1.05980	0.000	1.05
92268083	2021.02.17 10:44:04	sell	0.02	usdcadm	1.05980	0.000	1.05
92268097	2021.02.17 10:44:09	sell	0.02	usdcadm	1.05980	0.000	1.05
92268108	2021.02.17 10:44:14	sell	0.02	usdcadm	1.05980	0.000	1.05
92268113	2021.02.17 10:44:19	sell	0.02	gbpjpy	146.997	0.000	146
92268124	2021.02.17 10:44:24	buy	0.02	usdcadm	1.05980	0.000	1.05
92268132	2021.02.17 10:44:29	buy	0.01	nzdchfm	0.64335	0.00000	0.64
92268145	2021.02.17 10:44:34	buy	0.02	eurcadm	1.53261	0.00000	1.53
92268154	2021.02.17 10:44:39	sell	0.02	gbpcadm	1.76163	0.00000	1.76
92268165	2021.02.17 10:44:44	sell	0.02	audnzdm	1.07777	0.00000	1.07

time pause b/w 2 orders is 5 seconds

#### 4) Increment "I" button

now if I is OFF = gray color, **no increment will occur.**

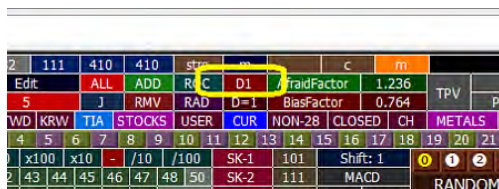
if TP is rejected, expert will go to next order, and leave prev order as it is.



we add **I-button** for buckshop brokers like exness.

**I** is the first letter of word **I**ncrement

BUT IF YOU CHOOSE **D1**



Your 1 in default file will be treated as a pipette, not pip  
therefor there will be 23 or 22 trials, instead of 3

1.19000

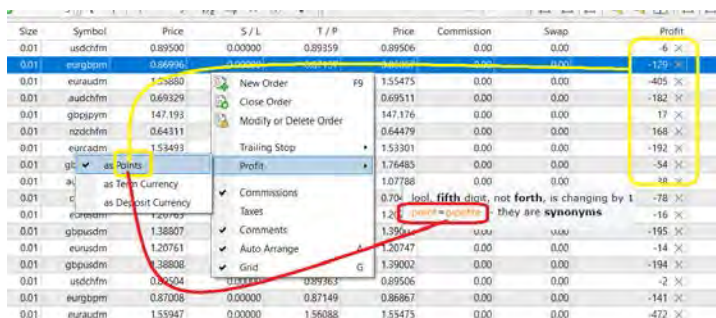
1.18999

1.18998

look, **fifth** digit, not **forth**, is changing by 1 point

**point**=**pipette** -- they are **synonyms**

do not forget **basics**: trading terminals only **know pipettes**. it will never recognize pip meaning



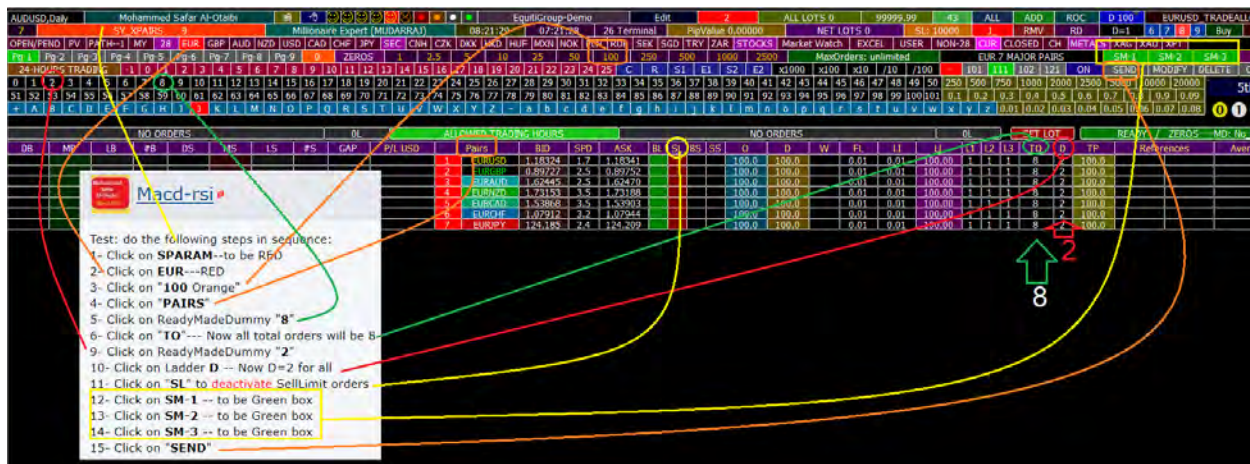
## 31- Manual Orders

### 1) Off-Line Orders

"Placing non-hidden Pending Orders"



Placing all Orders based on Script (NOT EA), EA do not be turned on for this method of placing orders, but broker is able to see all your pending orders.



Test: do the following steps in sequence:

- 1- Click on **SPARAM**--to be RED
- 2- Click on **EUR**---RED
- 3- Click on "100 Orange"
- 4- Click on "PAIRS"
- 5- Click on ReadyMadeDummy "8"
- 6- Click on "TO"--- Now all total orders will be 8
- 9- Click on ReadyMadeDummy "2"
- 10- Click on Ladder **D** -- Now D=2 for all
- 11- Click on "SL" to deactivate SellLimit orders
- 12- Click on **SM-1** -- to be Green box
- 13- Click on **SM-2** -- to be Green box
- 14- Click on **SM-3** -- to be Green box
- 15- Click on "SEND"

**SEND-28P-SL-SS O=D=5,FL=0.05-101-TP250**  
OFF-LINE-ORDERS

Only SELL POISTIONS (SS+SL) WITHOUT TECHNICAL THINKING FOR ALL 28 PAIRS

3	AUDUSD	0.76049	1.7	0.76032			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
4	NZDUSD	0.71273	2.3	0.71250			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
5	USDCAD	1.27624	2.2	1.27602			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
6	USDCHF	0.88306	2.1	0.88285			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
7	USDJPY	103.466	1.6	103.450			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
8	EURGBP	0.90660	2.3	0.90637			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
9	EURAUD	1.61184	2.8	1.61156			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
10	GBPAUD	1.77824	5.7	1.77767			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
11	AUDCAD	0.97048	2.5	0.97023			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
12	AUDCHF	0.67154	2.6	0.67128			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
13	EURJPY	126.806	2.2	126.784			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
14	GBPJPY	139.889	2.9	139.860			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
15	NZDCAD	0.90951	2.8	0.90923			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
16	NZDCHF	0.62945	4.7	0.62898			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
17	EURCAD	1.56411	3.6	1.56375			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
18	GBPCAD	1.72548	4.7	1.72501			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
19	AUDNZD	1.06720	2.6	1.06694			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
20	CADCHF	0.69204	2.9	0.69175			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
21	EURCHF	1.08225	2.8	1.08197			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
22	GBPCHE	1.19391	4.0	1.19351			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
23	AUDJPY	78.683	2.5	78.658			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
24	NZDJPY	73.739	2.5	73.714			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
25	CADJPY	81.087	2.4	81.063			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
26	CHFJPY	117.192	3.4	117.158			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
27	EURNZD	1.71995	3.2	1.71963			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0
28	GBPNZD	1.89742	4.6	1.89696			5.0	5.0	0.05	0.00	9999.00	1	1	20	5	250.0

if price goes **up**, find **sell-limit**  
 - if price goes **down**, find **sell-stop**

## 2) BSM (Buy or Sell Market) - Instant Market Orders

#Post 5635

**entry-market-script buttons BUY/SELL buttons merged into one button**, and through BL, SL you can determine direction  
 if you do not use any setting, FL=0.00, then expert will use MIN\_LOT

you only need to **1)** activate pair and **2)** choose either BL or SL or both.



## 32- Editing TP and SL prices

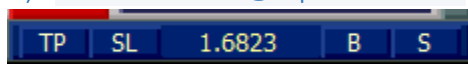


**Blue** bars for chart symbol

**Brown** bars for Array or ALL --as explained

Post #5844 (Note: I changed the sequence of how Macd presented it in his posts, for my understanding)

## 1) SPECIFIC Pair @ Specific Price



\*Change TP/SL by entering specific price, based on Chart Symbol which the expert is placed on\*



## Set TP for specific pair at specific price x.xxxxx

pret: i want to set TP for Sells on EURUSD at unified fixed price at 1.1987.

mt4cant:

0- set expert chart to **EURUSD**

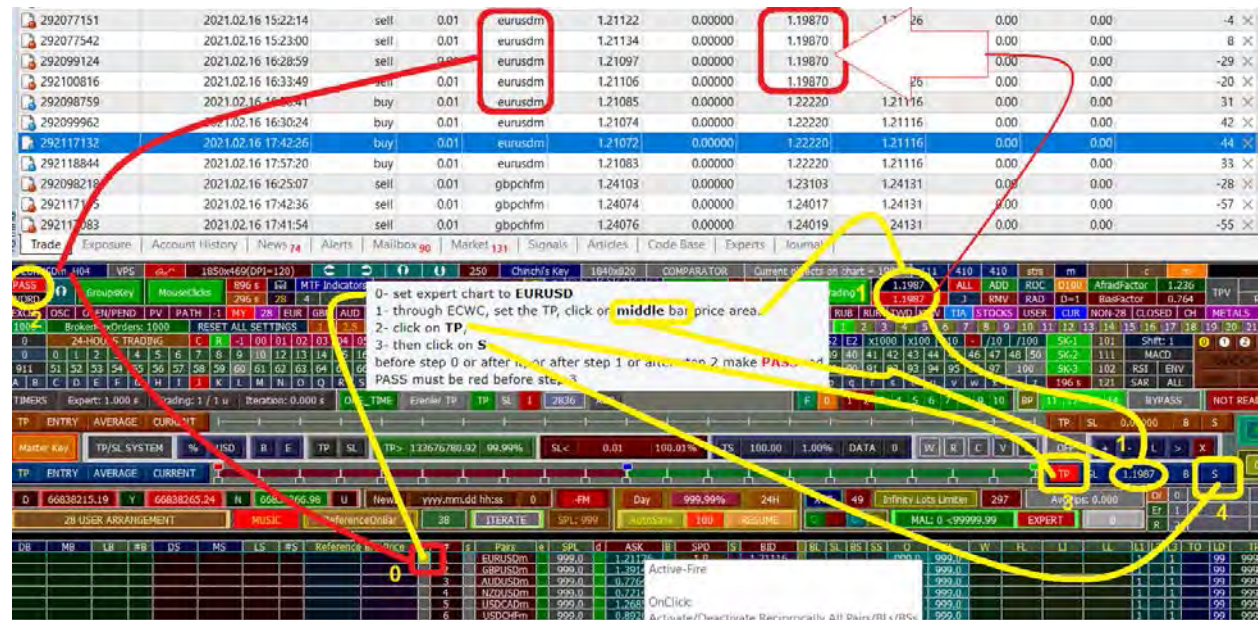
1- through ECWC, set the TP, click on **middle** bar price area.

2- click on **TP**,

3- then click on **S**

before step 0 or after it, or after step 1 or after step 2 make **PASS** red.

PASS must be red before step 3



hints:

1- if you click on S or B before SL or TP, then will be reset when you click later on TP or SL.

2- You have 4 options:

----1: change TP of Buy B

----2: change TP of SELL S

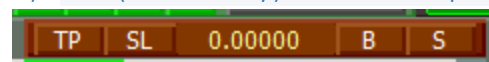
----3: change SL of Buy B

----4: change SL of SELL S

3- impossible to change SL and TP at the same time, if TP is ON, SL is **automatically** OFF----- common-sense rule.

4- impossible to change B and S at the same time, if S is ON, B is **automatically** OFF-----also common-sense rule.

## 2) ALL (OPEN only) Orders @ Specific Price (0.0000)



\*Change TP/SL, for ALL OPEN Orders based on specified price\*

**NewLesson:** Set TP and/or SL for **all** orders at 0.0000 for open positions



when finishing any of 9 possibilities, do only two steps|:

1) **PASS** is red,,,,, 2) click on **0.00000**

4 parameters: TP - SL - B - S

- 1- TP and SL for Buy B only. S non red
- 2- TP and SL for both Buy B and Sell. click on all 4 to be red
- 3- SL for Sell. ONLY sl and S are red. please do all steps in less than 0.7 seconds.
- 4-
- 5-
- 6-
- 7-
- 8-
- 9-

you can complete these contents . . . it is very simple to recognize.

### 3) Specific Pair @ Dummy Number



\*Change TP/SL by Dummy Number, based on Chart Symbol which the expert is placed on\*

### Set TP for specific pair (Chart Symbol)

similar step to last lesson, but here TP is the dummy number that you see in dummy field

please check for last two lesson, journal/expert page.





DB	FL	LT	L1	L2	L3	L4	TP	STPL	GAP	Y	#	S	Pair	P	SPL
	0.01	0.01	9999.00	1	1	1	20	5	100.0			1	EURUSDm	999.0	
	0.01	0.01	9999.00	1	1	1	20	5	100.0			2	GBPUSDm	999.0	
	0.01	0.01	9999.00	1	1	1	20	5	100.0			3	AUDUSDm	999.0	
	0.01	0.01	9999.00	1	1	1	20	5	100.0			4	NZDUSDm	999.0	
	0.01	0.01	9999.00	1	1	1	20	5	100.0			5	USDCADm	999.0	
	0.01	0.01	9999.00	1	1	1	20	5	100.0			6	USDCHFm	999.0	
	0.01	0.01	9999.00	1	1	1	20	5	100.0			7	USDJPYm	999.0	
	0.01	0.01	9999.00	1	1	1	20	5	100.0			8	EURGBPm	999.0	

do you see semi-secret button!!

just click on **PASS** then on **it**.

and observe.

regardless of array

regardless of chart symbol

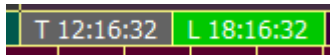
Active-Fire  
ZERO\_TP\_SL for all open and pending orders  
use PASS

i use "and" , not "or" in the title

try it please

**PASS** also pass mouse clicks if it is OFF.

### 33- Trading Hours Allowed



T = Broker Terminal Time

L = PC Local Time

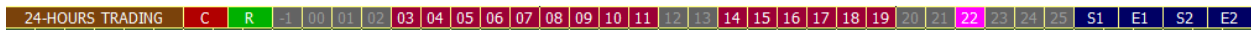
#### 1) How to set time for Expert trading

Lastest Update:

#Post 2484

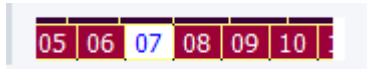
##### Trading Hours 34 buttons

- 1- you can choose trading for the whole day. It is the expert default setting.
- 2- if you click on button "24-Hours Trading" -- trading is permitted for the whole day.
- 2--1-- This box will cancel any specific trading period setting.
- 2--2-- It will not affect R-hour or C-hour



trading hours 34 buttons

- 3- Out-of-trading hours will be in gray color with more dark-gray text color
- 4- Allowed-trading hours will be in redish-purple color "crimson-color"
- 5- R-hour original color is Lime, with white text. like this 09, out-of-trading-hours
- if R-hour within the allowed-trading hours, Lime box with dark Green text, like this 09
- 6- C-hour original color is Red with white text. like this 09, out-of-trading-hours
- if C-hour within the allowed-trading hours, Red box with dark Red text, like this 09
- 7- if C-hour is the same as R-hour, out-of-trading-hours, box color is magenta color, with white text. like case shown on picture 22
- 8- if C-hour is the same as R-hour, within allowed-trading-hours priod, box color is white color, with blue text. look at this picture:



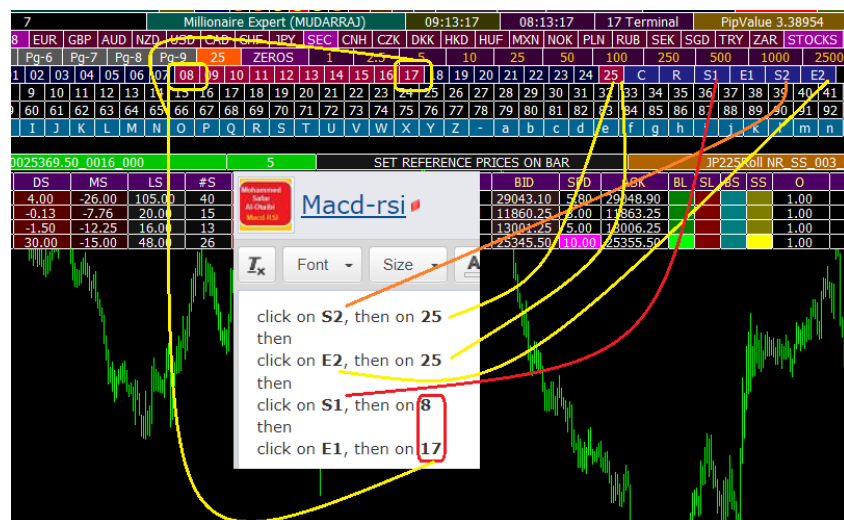
- 9- no more, only 8 possible cases
- 10- if C-hour is the same as R-hour, expert will close first then reference. the whole process may take 30 seconds of you have around 100 open positions.
- 11- in C-hour, no pending orders will be deleted.
- 12- you have the ability to determine 2 periods for a single day.
- 12-1: first period: from S1-hour to E1-hour.
- 12-2: second period: from S2-hour to E2-hour
- 12-3: S is Start, E is End.
- 12-4: if you want to cancel sepefic period, set both S and E at -1 or 25, if S2=-1, make also E2=-1
- 12-5: the two periods may overlap at some hours, try to avoid unnecessary overlapping.
- 12-6: if you want S today and E next day, say trading from 22:00 to 04:00 next day, make S1=22, E1=25, S2=-1 or 0, E2=04
- 12-7: E1 and E2 are **exclusive** not inclusive buttons, for example when you set E1 at 21:00, that mean trading stop at 21:00:00 not at 21:59:59
- 13: to set any hour-value, click first on appropriate key, then click on that hour button.
- 13-1: to set S1 at 09:00, click first on S1, bright blue, then click on 09,
- 13-2: to set E1 at 13:00, click first on E1, bright blue, then click on 13,
- 13-3: to set S2 at 16:00, click first on S2, bright blue, then click on 16,



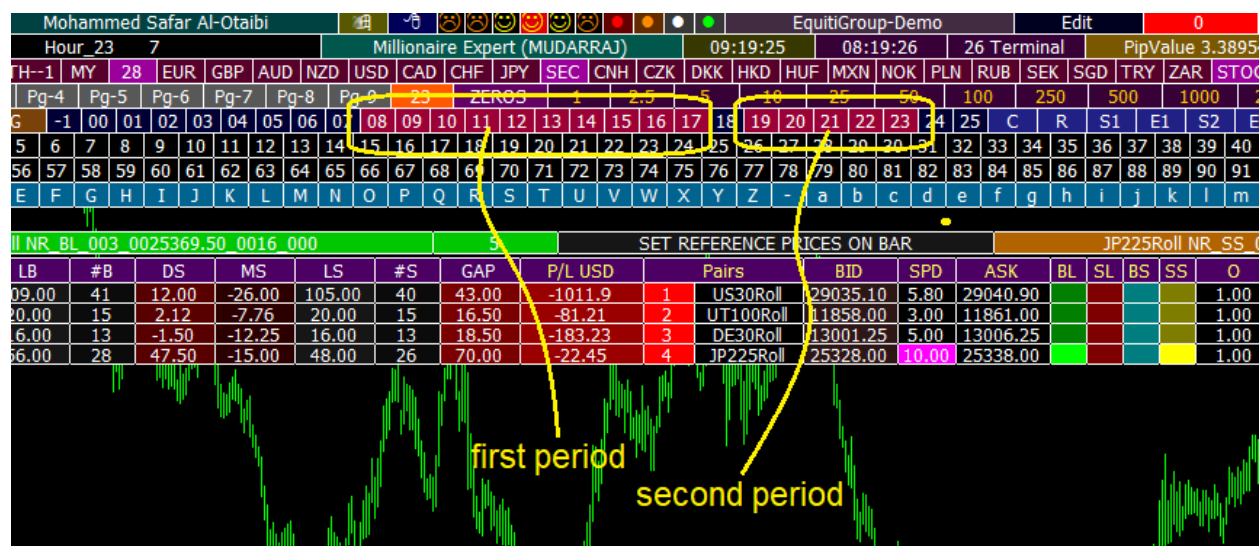
-----13-4: to set E2 at 21:00, click first on E2, bright blue, then click on 21,  
 -----13-5: to set C at 23:00, click first on C, bright red, then click on 23,  
 -----13-6: to set R at 06:00, click first on R, bright green, then click on 06,  
 14- that is all. Do I miss anything!

### a) Normal – Single period

Allow trading for some period of time during the day, say: b/w **08:00 to 17:00** ??



The period b/w 08 and 17 will be brown colors--other are black colors-- now trading is allowed in this period 08.00-->17:00 during the day.



### b) Double – 2 periods

there is a possiiblty for second trading period --  
 S2---E2 do this

follow the same procedure:

click on **S2**, then on **19**

then

click on **E2**, then on **23**

**second period will be b/w 19:00 and 23:00**

#### c) Whole Day trading (Default)

Whole Day trading:

if you to allow trading for the whole day--default

**click on S1 then -1 then E1 then 25**

that mean allow trading b/w hour -1 to hour 25 (out of mind)

or

**click on S2 then -1 then E2 then 25**

#### d) Next Day trading (Overnight)

#Post 1071

Sawadee: How to set timer for the trading period of 21:00 to 04:00 +1 (night day)

#Post 1073

We do not agree to ask tough question that i do not know how to answer it?

I am really lucky when i put two periods.

please try:

**S1=-1**

**E1=4**

**S2=21**

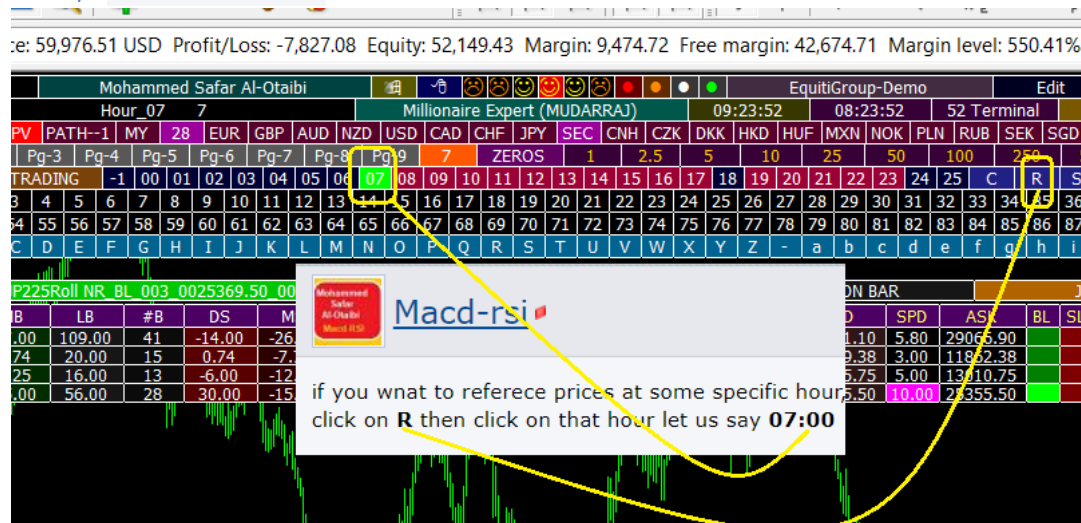
**E2=25**

are boxes 21--->4 are brown??

do you know why -1 and 25!

expert sense hours regardless of the days

### e) Reference Hour

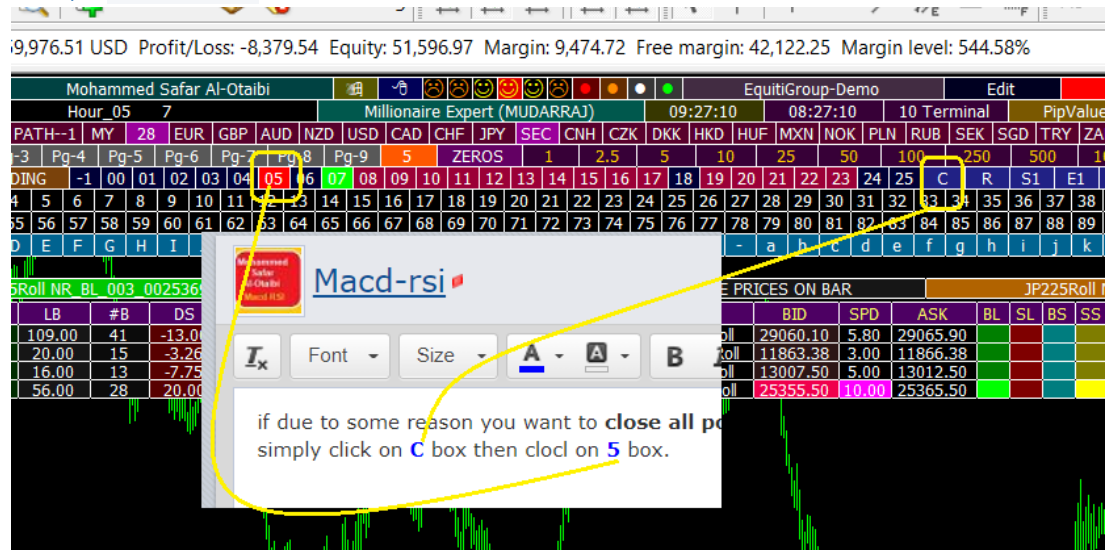


reference hour box is green (actually lime)

if you want to reference prices at some specific hour, click on R then click on that hour let us say 07:00

at 07:00 the reference prices for all pairs will be changed to the openings of 07:00 candle

### f) Close Hour



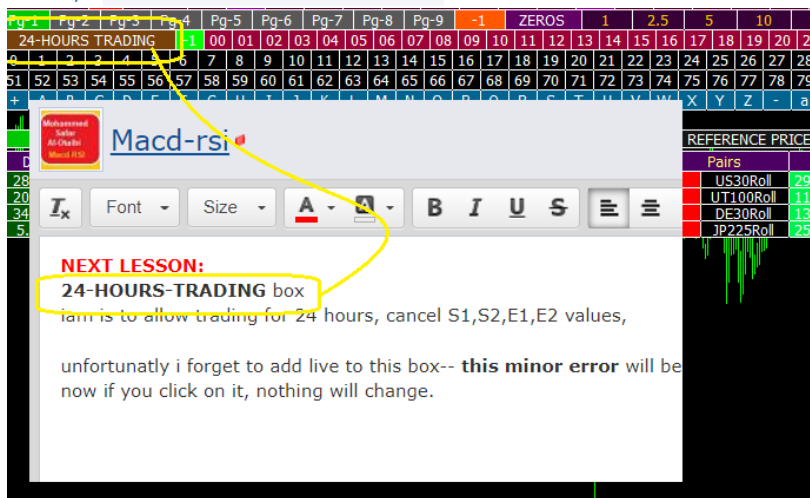
close hour is red

if due to some reason you want to close all positions at some specific hour, let us say 05:00 and start over again, simply click on C box then click on 5 box.

### g) Cancel Operation

if you change R and C to suitable day hours and now you want to cancel the operation---just click on letter then on "-1" or "25" since your PC or terminal will never hour called minus 1 or 25 ??? !

#### h) 24-HOURS TRADING box



#### 24-HOURS-TRADING box

iam is to allow trading for 24 hours, cancel S1,S2,E1,E2 values,

## 34- Error Related to Broker

### 1) Oracheael Case – Error 131, 132, 133, 134, 136, 148

Updated #Post 3876

the following error codes will deactivate any related pair.

**it deal correctly with wrong data provided by brokers to thier clients**

```

if(risk_mode=="MB" && current_MB>user_MB)return;
if(risk_mode=="ME" && current_ME>user_ME)return;
if(FM_SET=="POS" && AccountFreeMargin()<3) return;
ticket=OrderSend(pairs[i],OP_BUY,lotx,MarketInfo(pairs[i],MODE_ASK),0,0,0,COMMENT,Magic_Number,0,C'182,0,0'
err=GetLastError();
if(err==131 || err==132 || err==133 || err==134 || err==136 || err==148)
{
    Print("----Oracheael CASE-----BS LastError = "+err+" "+pairs[i]);
    PAIR_SELECT[i]="NO";
    YES_BS[i]="XX";
}
if(OrderSelect(ticket,SELECT_BY_TICKET))

```

**131--132--133--134--136--148**---look at thier descpition in post # 3872 picture.

#Post 3827

Sacreron: please in doc, add it as "Oracheael-case"---**name is corrected in the code.**

racheael-case **is**: the contradictiob b/w broker database and broke actual run-time process expert when recieve racheael message, immediatly deactivate the pair.

i will check for other possible broke stupid errors, like **MIN\_LOT**





The screenshot displays a trading platform interface with several error messages at the top:

- EngYahia\_SAR\_RSI\_GRID CADCHFm,M30: open #299002927 sell 0.01 BICJPym at 3246087 ok
- EngYahia\_SAR\_RSI\_GRID CADCHFm,M30: -----SL LastError = 131 BCHUSDm
- EngYahia\_SAR\_RSI\_GRID CADCHFm,M30: -----SL LastError = 133 XRPUSDm
- EngYahia\_SAR\_RSI\_GRID CADCHFm,M30: -----SL LastError = 131 LTCUSDm
- EngYahia\_SAR\_RSI\_GRID CADCHFm,M30: -----SL LastError = 131 ETHUSDm
- EngYahia\_SAR\_RSI\_GRID CADCHFm,M30: modify #299002926 sell 0.01 BTCUSDm at 31481.54 sl: 0.00 tp: 31465.54 ok
- EngYahia\_SAR\_RSI\_GRID CADCHFm,M30: -----SL LastError = 0 BTCUSDm

Below the errors, a list of error codes is shown:

- 129 ERR\_INVALID\_PRICE Invalid price
- 130 ERR\_INVALID\_STOPS Invalid stops
- 131 ERR\_INVALID\_TRADE\_VOLUME Invalid trade volume
- 132 ERR\_MARKET\_CLOSED Market is closed

The bottom part of the screenshot shows a contract specification window for ETHUSDm. The window includes fields for lot size, margin, and other parameters. A red arrow points from the error message "SL LastError = 131 ETHUSDm" to the "Lot size" field in the contract specification window, which is set to 0.01.

Mucky: ... yes , but sometimes it depends on account type also.

some broker do allow 0,01 lot size only for standard accounts and prof. account require 0.10 lot - the professional traders are not allowed to use 0.01 lots :-)  
even the symbol specification tells a different story

Macd: Also RUN-TIME error **131** is included  
if exists will make pair **OFF**

So avoid continues message due to stupid data base!  
i have the choice to correct volume, but this is an intervention in your setting  
therefore the better solution is to de-activate the pair, then later if you like change FL, LI setting from 0.01 to 0.1.

now these messages will appear only one time

when you see word "**Orachael**" in expert/journal, immediatly understand onething  
"**CONTRADICTION**"

Time	Message
2021.01.05 00:35:52.392	'6824024': order buy 0.01 BCHUSDm opening at market sl: 0.00 tp: 0.00 failed [Invalid volume]
2021.01.05 00:35:51.610	'6824024': order buy market 0.01 BCHUSDm sl: 0.00 tp: 0.00
2021.01.05 00:35:47.908	'6824024': order buy 0.01 XRPUSDm opening at market sl: 0.00000 tp: 0.00000 failed [Trade is disabled]
2021.01.05 00:35:47.502	'6824024': order buy market 0.01 XRPUSDm sl: 0.00000 tp: 0.00000
2021.01.05 00:35:47.502	'6824024': order buy 0.01 LTCUSDm opening at market sl: 0.00 tp: 0.00 failed [Invalid volume]
2021.01.05 00:35:46.174	'6824024': order buy market 0.01 LTCUSDm sl: 0.00 tp: 0.00
2021.01.05 00:35:46.174	'6824024': order buy 0.01 ETHUSDm opening at market sl: 0.00 tp: 0.00 failed [Invalid volume]
2021.01.05 00:35:43.706	'6824024': order buy market 0.01 ETHUSDm sl: 0.00 tp: 0.00
2021.01.05 00:35:43.612	Automated trading enabled
2021.01.05 00:31:24.674	Expert 108_EngYahia_SAR_R ADCHFm,M30: ----Oracheal CASE-----BL LastError = 131 8CHUSDm
2021.01.05 00:31:24.612	Expert 108_EngYahia_SAR_R ADCHFm,M30: ----Oracheal CASE-----BL LastError = 133 XRPUSDm
2021.01.05 00:29:26.002	Expert 108_EngYahia_SAR_R ADCHFm,M30: ----Oracheal CASE-----BL LastError = 131 LTCUSDm
2021.01.05 00:29:25.940	Expert 108_EngYahia_SAR_R ADCHFm,M30: ----Oracheal CASE-----BL LastError = 131 ETHUSDm
2021.01.05 00:28:26.178	Expert 108_EngYahia_SAR_R

Macd: You do not get my point  
we do not speak about account type

we speak about: **broker** runtime value is different from **broker**-database values. 😊

**broker** tell you minlot is 0.01

but when you try, order is rejected. the runtime is 0.10

whatever the account type.

## 2) Error Colum

you will read in expert/journal "TRADE is disbaled" = err: 133

**but this is an oracheal-case**, since in data base they set it "TRADE-IS-ENABLED"

Broker conflicts

```

if(MarketInfo(pairs[i],MODE_BID)>all_min_price)
{
x=x+xd-1;xd=xpl-x+1;
clr=c'125,125,125';
if(wahd[i]=="0") clr=c'0,255,0';
else if(wahd[i]=="131") clr=c'0,0,255';
else if(wahd[i]=="130") clr=c'0,255,255';
else if(wahd[i]=="133") clr=c'255,0,255';
else if(wahd[i]=="176") clr=c'255,255,0';
}

```

#S	Reference B/S Price	#	Pairs	SL	SPL	d	ASK	B	SPD	S
0	482.20	480.50	1	BCHUSDm	999.00		493.60	1.86		
1	37860.25	37791.25	2	BTCPYm	999.00		37665.06	100.94		
2	40385.064	40280.700	3	BTORWm	999.000		40147.504	144.656		
3	14485.382	14453.60	4	BITUSDm	999.00		14300.45	71.92		
4	1228.16	1224.00	5	ETHUSDm	999.00		1237.13	4.34		
5	142.52	141.34	6	LTCUSDm	999.0		149.47	15.2		
6	0.28540	0.28330	7	XRPUSDm	999.0		0.28465	21.6		

Passive  
XRPUSDm  
Error Code # 133

U	2021.01.04 12:34		0	+FM	Day	999.99%	24H				
ReferenceOnBar	37	ITERATE	SPL: 999	AutoSave: 100	RESUME						
Reference B/S Price	#	S	Pairs	SPL	d	ASK	B	SPD	S	BID	BL
521.84	519.22	1	BCHUSDm	999.00		521.92	1.60	520.32			
38277.05	38225.63	2	BTCPYm	999.00		38271.04	21.11	38239.53			
40561.044	40485.016	3	BTCKRWm	999.000		40543.416	144.656	40482.886			
36793.46	36762.12	4	BTUSDm	999.00		36791.55	22.56	36768.59			
1334.70	1330.91	5	ETHUSDm	999.00		1336.33	3.42	1332.91			
153.83	153.61	6	LTCUSDm	999.0		153.68	21.1	152.57			
0.28968	0.28765	7	XRPUSDm	999.0		0.28955	14.6	0.28809			

Passive  
XRPUSDm

Error Code # 133  
trade is disabled

Passive  
XRPUSDm  
Error Code # 133  
trade is disabled

error **description** also has been added to tooltips

## 3) Default Setting

if FL, LI are RED, then expert tell you: 1) your broker is a bullshit, database not correct(Oracheal-case)  
2) it is error 131--invalid volume



who choose 120 sec?

ans: YOU -- not me, not the expert.

#### 4) Slippage

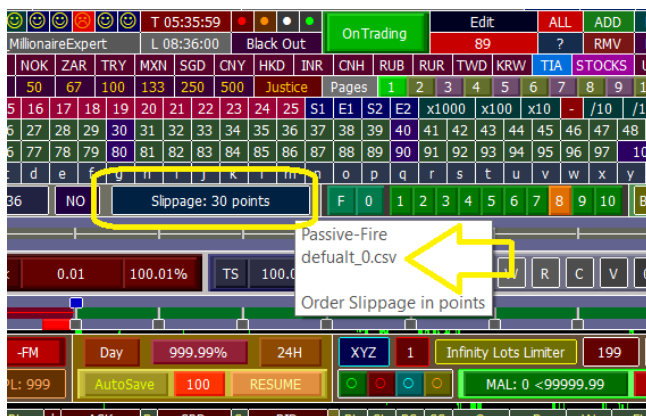
a little correction for button types:

I add **Passive-Fire**

**passive:** since no clicks-effect

**Fire:** related to trading

example: **slippage** button, you can not change slippage through CWC, you only set it at default\_0.csv file once at your live.



#### 1) Str button

There should be a new lesson on **strs**  
since i enhanced to the greatest degree for all possibilities.

but always i recommend to attach xpert to **enabled-EURUSD** to avoid any **str** problem\  
**if not, there ar another 3 solutions.**





Post #5927

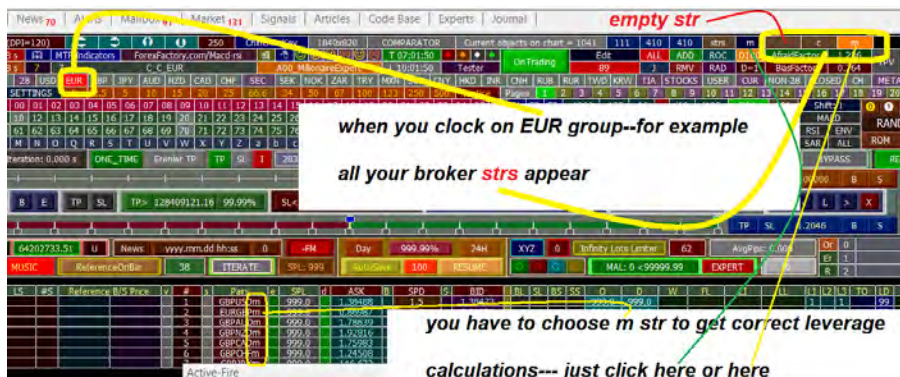
## NewLesson: strs

when you click on any group, **strs** will appear in first row.

look: before click on EUR-group--no **strs**



now after click: all broker available **strs** will appear



blue **m** after button str, is user-default, you put it in the default file



zreboo, **not me**, **neither expert** set **m** in default file  
 he find **his broker** offer instruments with suffix **m**, like **EURUSDm**

```

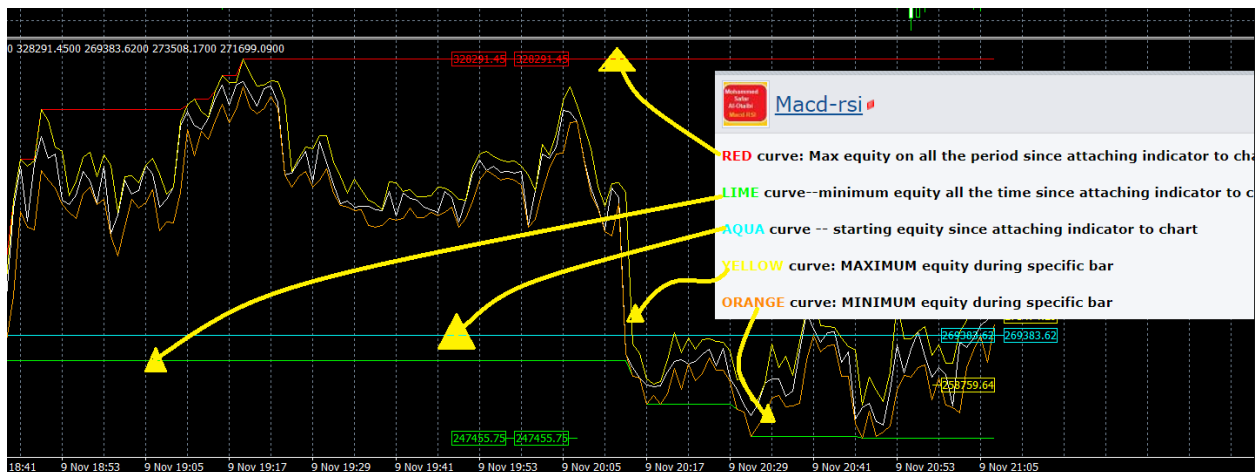
A00_MillionaireExpert.mq4  pairs_rosters2.mqh  difinitions_0.mqh  D
16 ///DASHBOARD_CELL_HEIGHT///Range 5 to 66 pixel
17 DASHBOARD_SEPARATOR=10
18 ///DASHBOARD_SEPARATOR///Range -1 to 66 pixel
19 TESTER_CELL_HEIGHT=27
20 ///TESTER_CELL_HEIGHT///Range 5 to 66 pixel
21 font_style=TAHOMA
22 BUTTONS_Border_Color=C'255,255,255'
23 XY_SHIFT=0
24 ///XY_SHIFT///Range -1,000 to 1,000 pixel
25 PIXEL_SHIFT=250
26 ///PIXEL_SHIFT///Range -1,000 to 1,000 pixel
27 -----General-----
28 FIRST_ROW_MODE=C
29 ///FIRST_ROW_MODE///Accept 3 possible values 1) A, 2) B and 3)
30 VPS=NO
31 ///VPS///Accept 2 possible values 1) YES, 2) NO
32 Lock_Mouse_Clicks=NO
33 ///Lock_Mouse_Clicks///Accept 2 possible values 1) YES, 2) NO
34 SYMBOL_SUFFIX=m
35 Roster_Selection=YES
36 ///Roster_Selection///Accept 3 possible values 1) YES, 2) NO
37 Safety 410 strs m c m
38 ///Safety ADD ROC D100 AfraidFactor 1.236 S, 2) NO
39 CHINCHI_KEY=NO
40 ///CHINCHI_KEY///Accept 2 possible values 1) YES, 2) NO
41 default dummy=89
  
```

## 35- Thread General Gifts

### 1) EquityRecorder

Equity\_Curve\_Each\_Bar.mq4

Equity\_Curve\_Each\_Tick.mq4



- **RED** curve: Max equity on all the period since attaching indicator to chart
- **LIME** curve--minimum equity all the time since attaching indicator to chart
- **AQUA** curve -- starting equity since attaching indicator to chart
- **YELLOW** curve: MAXIMUM equity during specific bar
- **ORANGE** curve: MINIMUM equity during specific bar



2) DPI detector Expert

3) Spread Tracer Expert

4) History Data Automatic download Expert

YOUR SCREEN **DPI** HAD BETTER BE **120**

=====

**1 - How to select symbols group. (for example EUR pairs only)**

**2- How to dermine number of trials, for specific pair with specific time frame**

**the best time to use this expert is during vacations, or when you sleep. (non-trading hours)**

just 4 clicks within 2 sec then go play footbal for 15 min then come back:

you need at max 50 bars for each pair for each frame

so  $50 * 28 \text{ pairs} * 9 \text{ frames} = \text{about } 1400$

expert download 800 bars each 1 second! if you compress the chart fist, with disable of aautoscroll and autoshfit

be sure autotrading is enables

if you waant to stop temprarily make auto trading OFF

if you want to appeal make it ON again

of want to download more bars--say 50000 bar, later on--but now you need at least 26 pars.

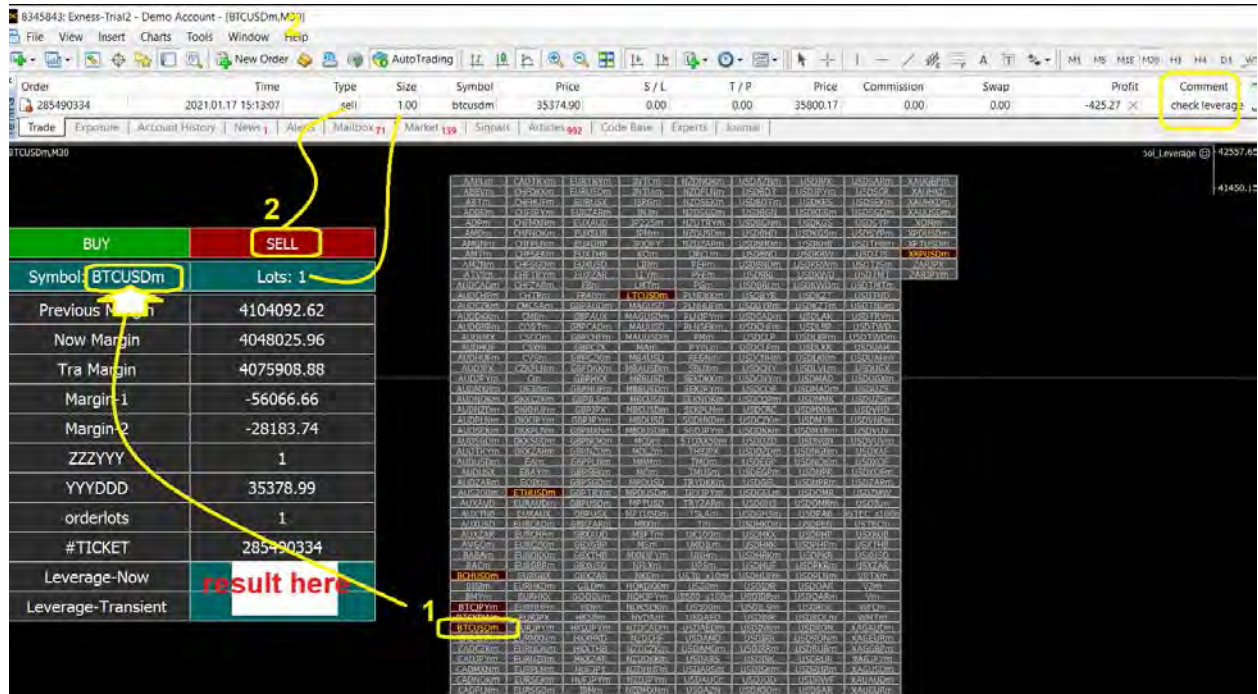
also before using TeckExpert--- this expert at least one time must be used

**q**



EU AUD, Daily		ForexFactory.com/MacD-rsi										EquityGroup-Demo									
28	MY	2	History Downloader										15:40:46	14:40:47	28 USER AR						
EXCEL	OPEN/PEND	TV	PATH-	MY	28	EUR	GBP	AUD	NZD	USD	CAD	CHF	JPY	SEC	CNH	CZK	DKK	HKD	HUF	MXN	
Pg-1	Pg-2	Pg-3	Pg-4	Pg-5	Pg-6	Pg-7	Pg-8	Pg-9	FRAME			PAIR		1s	2s	0.1s	2	2			
#	Symbol	BID	Spread	ASK	Bars	date					Description										
1	EURUSD	1.21086	15	1.21101	1000	2017.02.02 00:00					Euro vs US Dollar										
2	GBPUSD	1.32720	26	1.32746	1000	2017.02.01 00:00					Great Britain Pound vs US Dollar										
3	AUDUSD	0.73938	17	-1	1000	2017.02.01 00:00					Australian Dollar vs US Dollar										
4	NZDUSD	0.70220	22	0.70242	1000	2017.02.01 00:00					New Zealand Dollar vs US Dollar										
5	USDCAD	1.28102	22	1.28124	1000	2017.02.01 00:00					US Dollar vs Canadian Dollar										
6	USDCHF	0.89108	22	0.89130	1000	2017.02.01 00:00					US Dollar vs Swiss Franc										
7	USDJPY	104.197	16	104.213	1000	2017.02.01 00:00					US Dollar vs Japanese Yen										
8	EURGBP	0.91217	26	0.91243	1000	2017.02.01 00:00					Euro vs Great Britain Pound										
9	EURAUD	1.63743	29	1.63772	1000	2017.02.01 00:00					Euro vs Australian Dollar										
10	GBPAUD	1.79470	53	1.79523	1000	2017.02.01 00:00					Great Britain Pound vs Australian Dollar										
11	AUDCAD	0.94721	25	0.94746	1000	2017.02.02 00:00					Australian Dollar vs Canadian Dollar										
12	AUDCHF	0.65891	23	0.65914	1000	2017.02.01 00:00					Australian Dollar vs Swiss Franc										
13	EURJPY	126.175	22	126.197	1000	2017.02.01 00:00					Euro vs Japanese Yen										
14	GBPJPY	138.303	23	138.326	1000	2017.02.01 00:00					Great Britain Pound vs Japanese Yen										
15	NZDCAD	0.89960	29	0.89989	1000	2017.03.23 00:00					New Zealand Dollar vs CAD										
16	NZDCHF	0.62568	45	0.62613	1000	2017.03.23 00:00					New Zealand Dollar vs CHF										
17	EURCAD	1.55117	34	1.55151	1000	2017.02.01 00:00					Euro vs Canadian Dollar										
18	GBRCAD	1.70025	42	1.70067	1000	2017.02.01 00:00					Great Britain Pound vs Canadian Dollar										
19	AUDNZD	1.05277	28	1.05305	1000	2017.02.01 00:00					Australian Dollar vs New Zealand Dollar										
20	CADCHF	0.69551	26	0.69577	1000	2017.05.28 00:00					Canadian Dollar vs Swiss Franc										
21	EURCHF	1.07906	28	1.07934	1000	2017.02.01 00:00					Euro vs Swiss Franc										
22	GBPCHF	1.18275	35	1.18310	1000	2017.02.01 00:00					Great Britain Pound vs Swiss Franc										
23	AUDJPY	77.044	24	77.068	1000	2017.02.01 00:00					Australian Dollar vs Japanese Yen										
24	NZDJPY	73.172	24	73.196	1000	2017.02.01 00:00					New Zealand Dollar vs Japanese Yen										
25	CADJPY	81.328	24	81.352	1000	2017.02.01 00:00					Canadian Dollar vs Japanese Yen										
26	CHFJPY	116.910	33	116.943	1000	2017.02.02 00:00					Swiss Frank vs Japanese Yen										
27	EURNZD	1.72404	36	1.72440	1000	2017.02.01 00:00					Euro vs New Zealand Dollar										
28	GBPNZD	1.88968	59	1.89027	1000	2017.02.01 00:00					Great Britain Pound vs NZD										

- 5) Envelope 3-modes Indicator
- 6) Symbol Leverage



## 36- Thread Special Gifts for influential contributors

### Technical Analysis-Indicator:

in less than one second you know MACD cross for all pairs!  
 in less than one second you know RSI for all pairs!  
 in less than one second you know SAR for all pairs!  
 in less than one second you know S/R for all pairs!  
 in less than one second you know AO cross for all pairs!  
 in less than one second you know ENVELOP for all pairs!  
 in less than one second you know PRICE ACTION for all pairs!  
**plus more than 50 ideas there**

we use **TechExpert** to pick chances

we use **Millionaire** expert to enter these chances

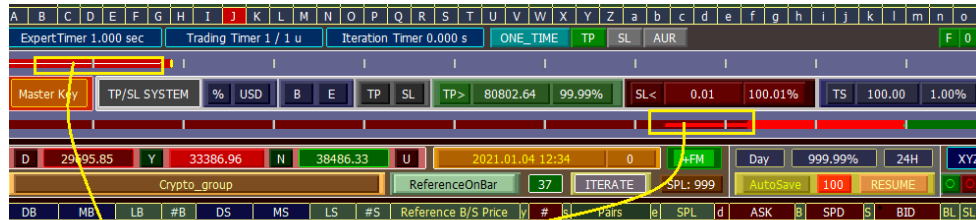
we use later display click to **OBSERVE** all math-related issues to check what is happening with open chance

PICK-----> ENTER -----> OBSERVE

- 1) Technical Analysis Expert
- 2) DisplayClick Expert

## 37- Risk Sensor (Ruler)

### 1) Updated Version – TPV + Ruler



**WORST LOSS**

**WORST MCP** Do you see thin white line

and best profit ditin the period will be recorded.



and best profit

also best MCP recovery after worst seen MCP is added--the thin green line

now assume MarginCallPips MCP dropped to 500 pips then recovery to 800 pip then back to 600 pips all these important information is recorded

each time there is a worst MCP (new minimum value) the best MCP is ciphered to that point.



The length of risk sensor depend on **your** choice in default csv file

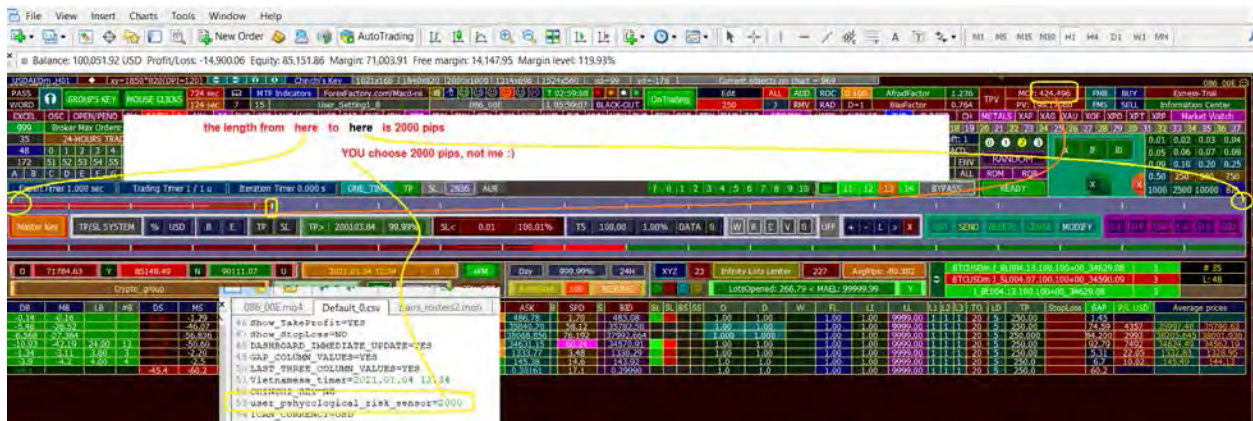
on picture MCP=424 pips

after 424 pips Fistr margin call will occure,

look at the position of yellow small pointer, almost in first quarter, since total length is 2000 pips

with **bitcoins** please do not use values less than 8000 pips and 4000 if you are aware of markets.





user\_pshycological\_risk\_sensor=2000

is **your** number that you can tolerate without any moment of nervous

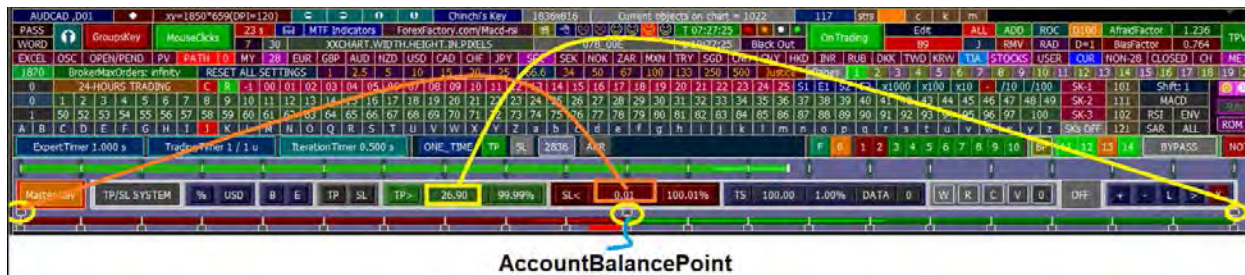
we are speaking about **risk management**

if **you** want to follow herd styles like ratio 1:2 or 1:3 -- it is OK

but here, you read about the smartest way in [risk assessment](#)---It is a new theory, but for high-level minds, since it is associated with complex math calculation especially when trading EURUSD with USDNOK with HK50 with Gold----different type instruments

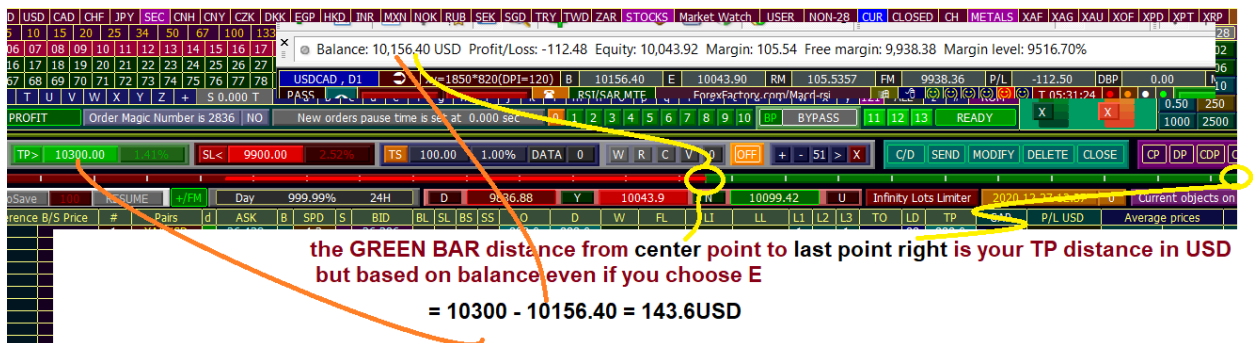
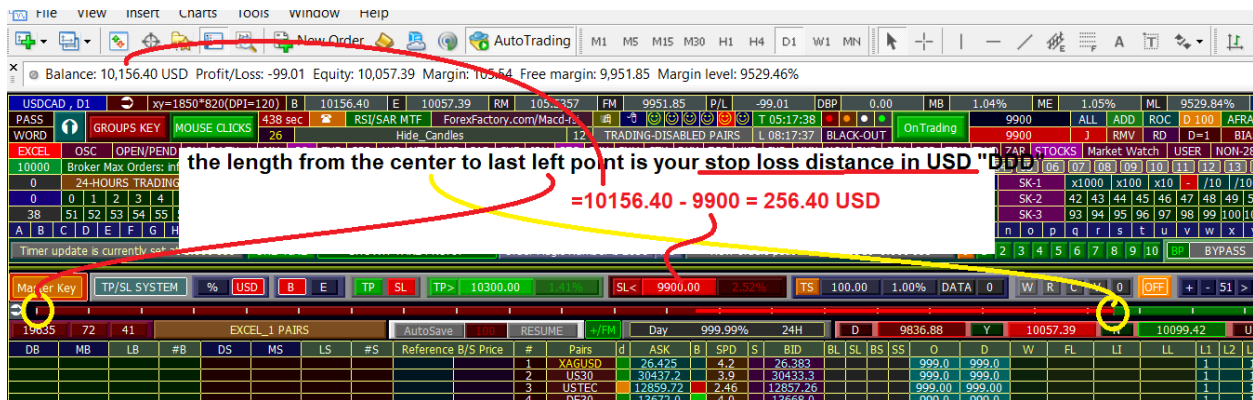
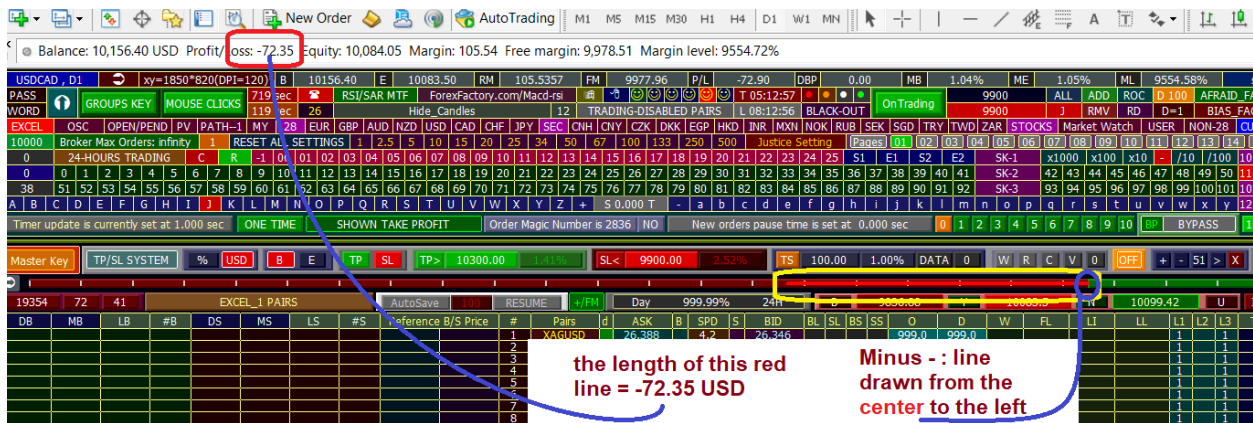
Account Balance Point

#Post 5014

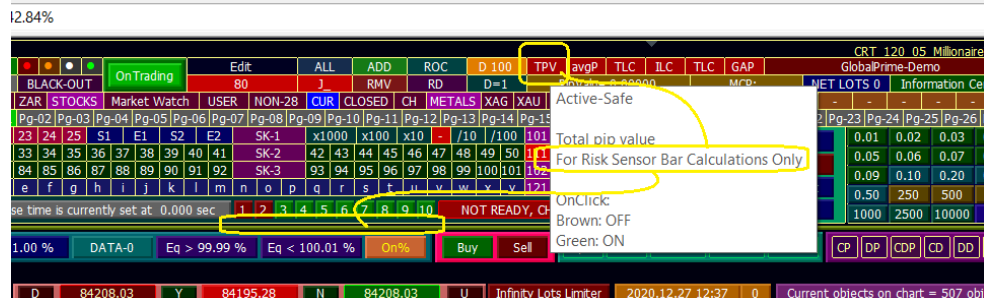


2) Older Version – Ruler





### 3) Older Version - TPV (Total Pip Value -> Risk Sensor)



**TPV box:** to prevent/allow math calc for risk bar only.

**Reason:** make expert a little bit slower if ON.

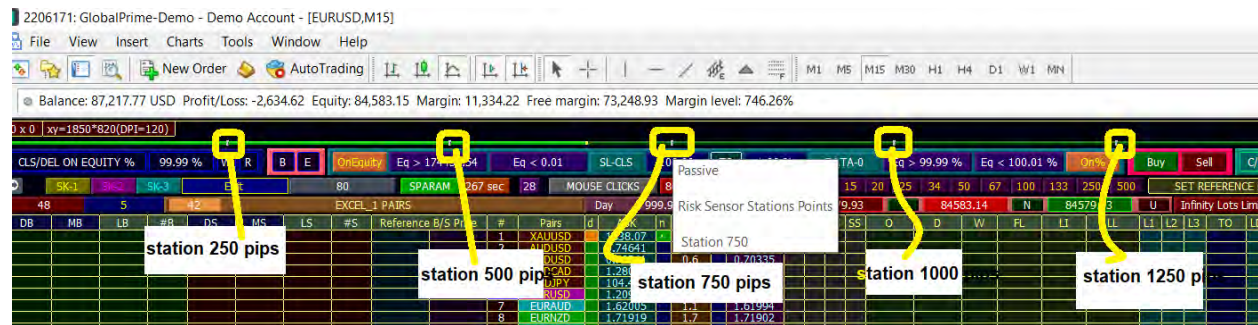
**Recommendation:** use it when necessary.

**ME:** I use it all the time.

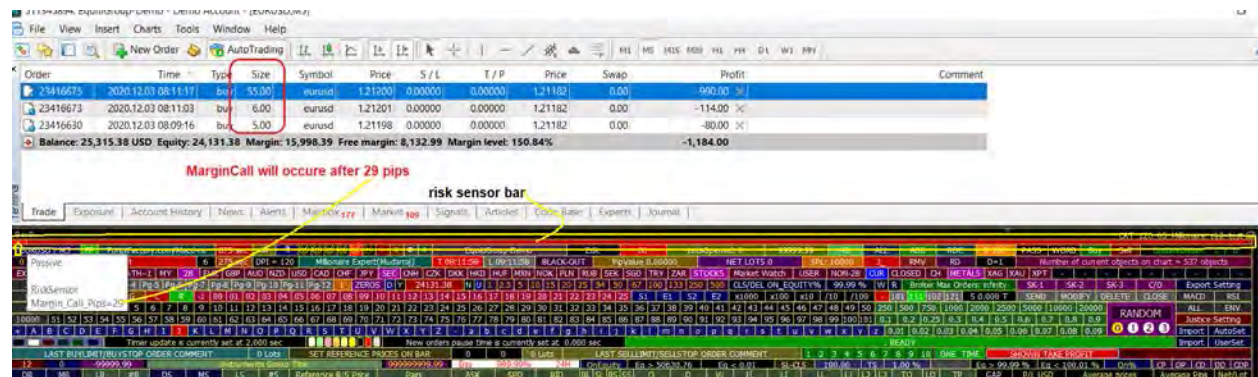
**Feature:** it is very responsive for new orders--show immediate effect. try to enter manually 10 lots and observe **immediate** response on bar.

Updated:

#Post 2368



#Post 1863



**Risk-Sensor** has been added

when margin call > 2000 pips---Black BAR

when margin call > 1000 pips---Green BAR

when margin call > 5000 pips---Orange BAR

when margin call > 1000 pips---Brown BAR

when margin call < 1000 pips---RED BAR

when margin call > 2000 pips---Black BAR

Complete bar = 2000 pips

so small bar shows exactly where is the margin call related to 2000 pips

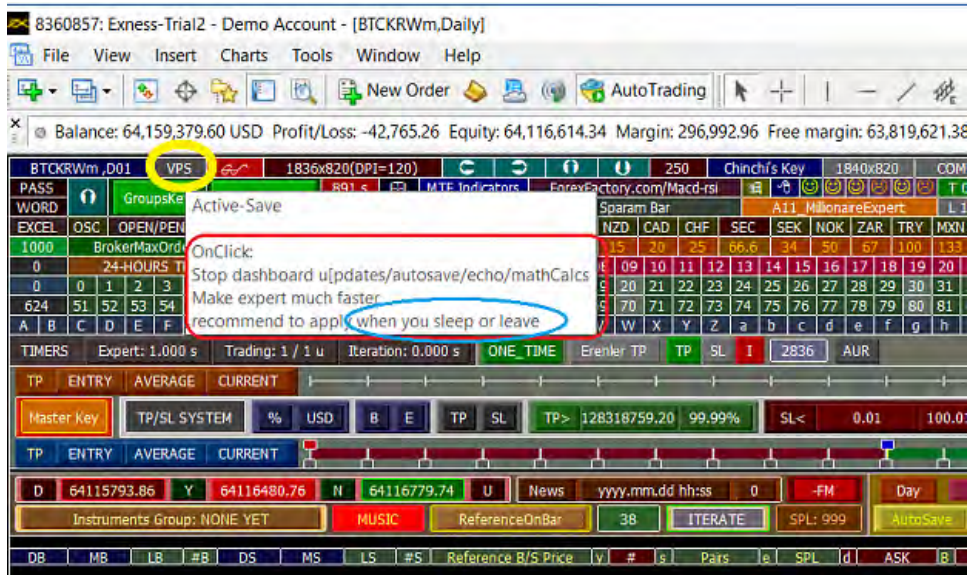
below small box = box width is 29 pips (here look at the scale on **pips** instead of pixel) -- imagine it!!

## 38- VPS

VPS makes expert internal operations very fast

55,000 code lines is reduced to 3,000 lines

2Mbytes expert, becomes around 60kBytes



and of course when uploading on **VPS SERVERS**

**I dont recommend to change time frame**

**REASON:** when you come after two days, you can compare stalled buttons with new situation when you cancel VPS.

## 39- Cancelling some Auxiliaries

even though each one may consume less than 5 milliseconds, but you can prevent them,

Macd-rsi

Feb 25, 2021 21:53
Quote
Cleanup
Post 6,32

*Quoting wahdatw*

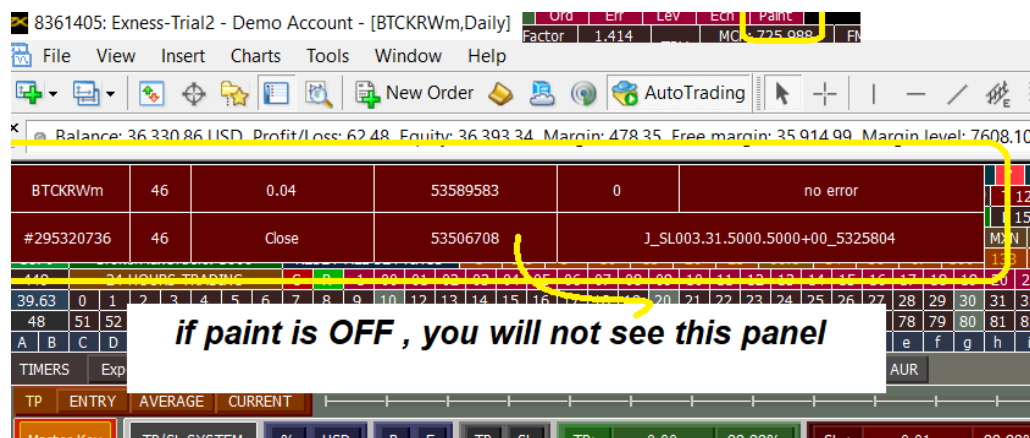
guys is it only on my side, or do you all have mt4s responding extremely slowly ?

with me very fast with exness very slow with equiti  
**FROM VER 14 YOU CAN CANCEL MANY AUXS**

*Be yourself*

also **Echo** to block sounds for order entries  
 and **paint** to discard/allow order detail dashboard durings send/delete/close/modify.





## 40- Other Default Files Settings

### 1) Default Color Settings

#### i) Group Three Colors

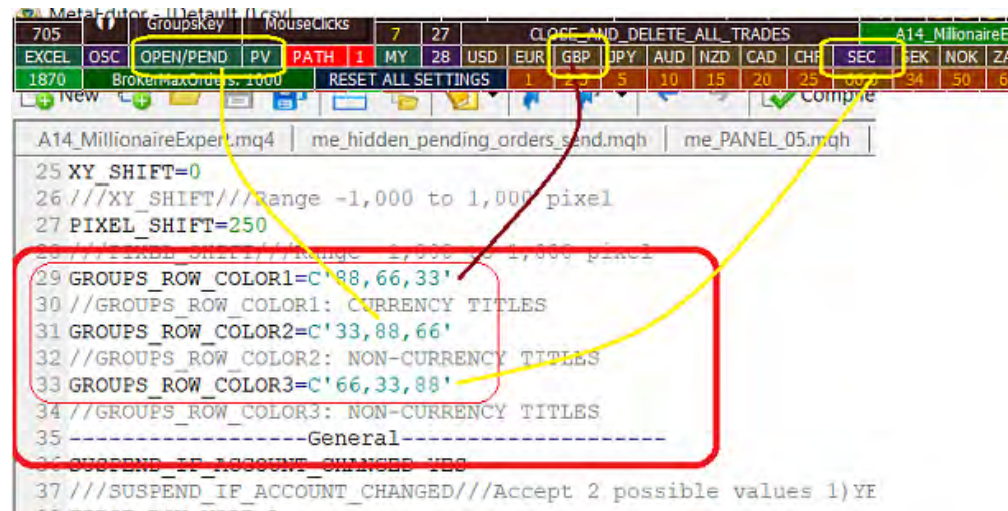
anybody notice these 3 parameters:

`GROUPS_ROW_COLOR1=C'88,66,33'`

`GROUPS_ROW_COLOR2=C'33,88,66'`

`GROUPS_ROW_COLOR3=C'66,33,88'`

they all are related to currency groups---third row in the upper part:



try it please

play with color numbers

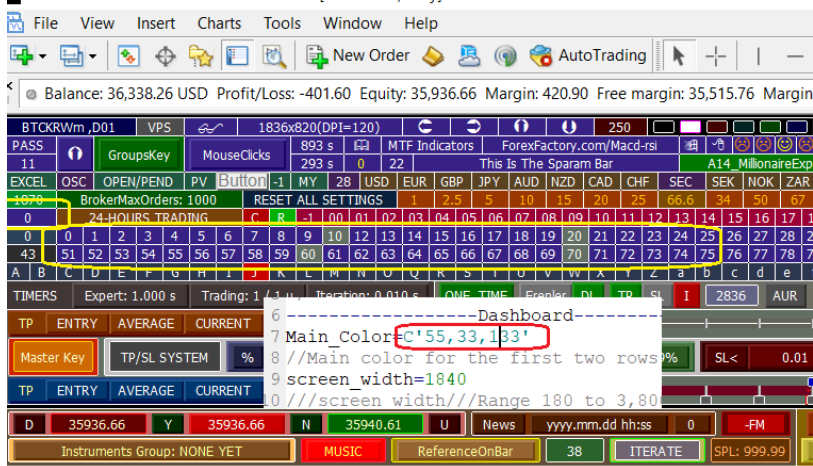
do not forget max is 255

#### ii) Main Color for first 3 rows + others

play with **Main\_Color** value untill you reach what is convenient for your eyes:



it also include dummies from 0 to 100 plus SK-1 color and other elements below i make it inclined to BLUE---mix with blue concentration



please do not tell others with the best colors. they can freely decide. no best here.  
it is recommended to avoid GREEN/RED colors

## 2) Dashboard Arrays Initialization

### Dashboard Arrays Initialization

last months when you choose any currency group, you find some arrays are filled by some values. no it is your freedom to make these values during any initialization steps.



mqh	Default_0.csv	i4	me_hidden_pending_orders_send.mqh	me_PANEL_05.mqh	me_PANEL_04.mqh	me_PAN
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```

71 -----Dashboard Arrays Initialization-----
72 ALL_GROUP_PAIRS_ACTIVATE=NO
73 //PAIRS_SELECT, accept two values 1) YES and 2) NO , used to activate all pairs du
74 REFERENCE_PRICES_ON_CURRENT_ASKS_BID=NO
75 //REFERENCE_PRICES_ON_CURRENT_ASKS_BID, accept two values 1) YES and 2) NO , refPri
76 O=115
77 //OPSET PIPS, RANGE: 1 to 9999.9
78 D=115
79 //DIFFERENCE PIPS, RANGE: 1 to 9999.9
80 W=1
81 //WIDER PIPS, RANGE: -99.9 to 99.9
82 AFRAID_BIAS_BUY=N
83 //Buy AFRAID or BIAS, accept 4 values 1) A, 2) B, 3) N and 4) X
84 AFRAID_BIAS_SELL=N
85 //SELL AFRAID or BIAS, accept 4 values 1) A, 2) B, 3) N and 4) X
86 BL=BL
87 //BuyLimit status, accept two values 1) XX(or any) and 2) BL
88 SL=SL
89 //SellLimit status, accept two values 1) XX(or any) and 2) SL
90 BS=XX
91 //BuyStop status, accept two values 1) XX(or any) and 2) BS
92 SS=XX
93 //SellStop status, accept two values 1) XX(or any) and 2) SS
94 FL=0.01
95 //First order lots, Range: 0.01 to MaxBrokerLots for each pair
96 LT=0.01
97 //Lots Increment, Range: 0.0 to MaxBrokerLots for each pair
98 LL=0.07
99 //MAXIMUM_PAIR_LOTS FOR EACH DIRECTION///Range 0.01 to 9999.99
100 L1=1
101 //Lot multiplier L1///Range 0.10 to 9.00
102 L2=1
103 //Lot multiplier L2///Range 0.00 to 9.00
104 L3=1
105 //Lot multiplier L3///Range 0.10 to 9.00
106 TO=33
107 //Total orders per pair in one direction TOPFIOD///Range 1 to 999
108 LD=9
109 //Lots Ladder///Range 1 to 99
110 TP=500
111 //Order TakeProfit///Range 1 to 9999.9
112 STPL=9000
113 //Order StopLoss///Range 0 to 9999.9

```

## 21 VARIABLES FOR DASHBOARD INITIALIZATION

### 3) Repeat-mode TP-Shown

do you remember when we say even TP is always hidden for repeat mode, there is an option to show double of that TP.

Reason, in case of your PC is suddenly sgut off,

now forget word "double"

now **you** decide.

you can make it **double** or triple or even 1.76 of hidden TP.

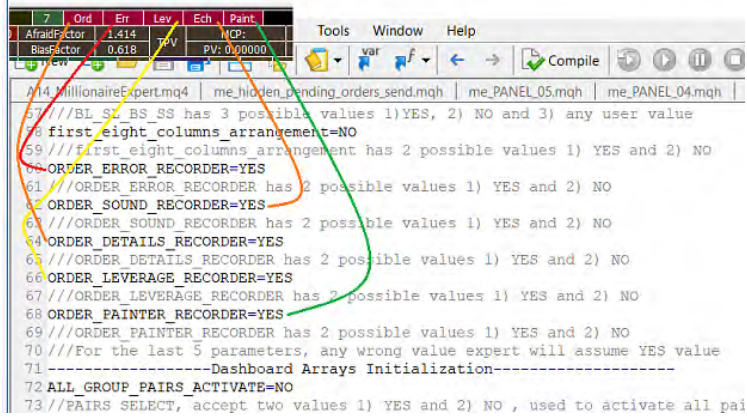
**TP\_MULTIPLIER\_IN\_REPEAT\_MODE**

```

231 //DELETE_ORDERS_TRIALS range 1 to 5
232 TRAILING_AMOUNT_STEPS=25
233 ///TRAILING_AMOUNT_STEPS range 0.01 to 25,000
234 TRAILING_PERCENTAGE_STEPS=1
235 ///TRAILING_PERCENTAGE_STEPS range 0.01% to 99.99%
236 TP_MULTIPLIER_IN_REPEAT_MODE=2
237 ///TP_MULTIPLIER_IN_REPEAT_MODE range 1.25% to 8.00
238 -----Chart Settings-----
239 CCHART_COLOR_BACKGROUND=C'0,0,0'
240 CCHART_COLOR_FOREGROUND=C'255,255,255'
241 CCHART_COLOR_CANDLE_BEAR=C'127,0,0'
242 CCHART_COLOR_CANDLE_BUY=C'0,127,0'

```

#### 4) Allow/ Disallow any of 5 internal function related to order entries



```
7  Ord  Err  Lev  Ech  Paint
AfraidFactor 1.414
BlasFactor 0.618 PV: 0.00000
me_hidden_pending_orders_send.mqh me_PANEL_05.mqh me_PANEL_04.mqh
57 ///BL SL BS SS has 3 possible values 1) YES, 2) NO and 3) any user value
58 first_eight_columns_arrangement=NO
59 ///first eight columns arrangement has 2 possible values 1) YES and 2) NO
60 ORDER_ERROR_RECORDER=YES
61 ///ORDER_ERROR_RECORDER has 2 possible values 1) YES and 2) NO
62 ORDER_SOUND_RECORDER=YES
63 ///ORDER_SOUND_RECORDER has 2 possible values 1) YES and 2) NO
64 ORDER_DETAILS_RECORDER=YES
65 ///ORDER_DETAILS_RECORDER has 2 possible values 1) YES and 2) NO
66 ORDER_LEVERAGE_RECORDER=YES
67 ///ORDER_LEVERAGE_RECORDER has 2 possible values 1) YES and 2) NO
68 ORDER_PAINTER_RECORDER=YES
69 ///ORDER_PAINTER_RECORDER has 2 possible values 1) YES and 2) NO
70 ///For the last 5 parameters, any wrong value expert will assume YES value
71 -----Dashboard Arrays Initialization-----
72 ALL_GROUP_PAIRS_ACTIVATE=NO
73 ///PAIRS SELECT, accept two values 1) YES and 2) NO , used to activate all pai
```