

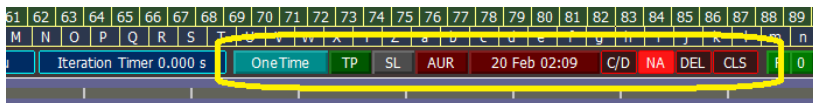
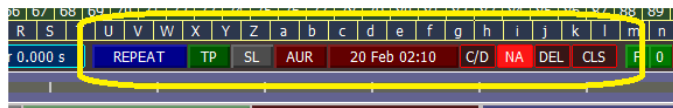
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## 1- Dummy Number theory

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)

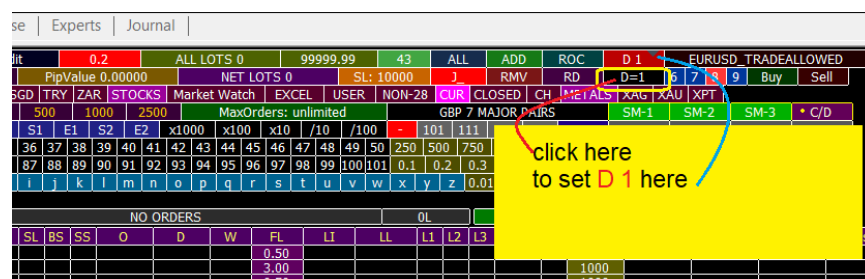
-----3- When USDNOK moves from 8.12345 to 8.12445, we say it moves by 1 tripette (ignore last two digits)

-----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 **PIPPETE**" box, Box in red will change to D1 immediately according to my D-Theory, D=1 ==> Pippetes

to clarify more:

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

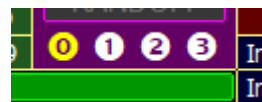
EURUSD: 1.2234**5** --

ger30: 1312**3**.45 --

If your O=5 pips

EURUSD: 1.2234**5** -- to -- 1.223**9**5 -- pip pair (we ignore 1 digit--last digit)

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



for EURUSD nth=5th (1.1834**5**)

for US30Roll nth=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

**0- Apply expert to chart**

**1- click on sparam box to be RED----if RED do not click**

**2- click on MY box**

**3- click on "Orange 1"**

**4- click on Reference box**

**5-click on Pairs box**

The expert will start to work on 28 pairs opening position on any pairs drop or jump by 1 pips

use mouse only, do not try to understand, just observe as a an expert-biggner

this answer may shorten your road.



511335902: EquitiGroup-Demo - Demo Account - [NZDUSD,Weekly]

File View Insert Charts Tools Window Help

New Order **AutoTrading** 10 7.5

Balance: 718.43 USD Profit/Loss: -130.00 Equity: 588.43 Margin: 618.38 Free margin: 29.95 Margin level: 95.16%

make sure first this is Auto before attaching expert to chart

0: Apply expert to chart  
 1- click on sparam box to be RED-----if RED do not click  
 2- click on MY box  
 3- click on "Orange 1"  
 4- click on Reference box  
 5- click on Pairs box

NO ORDERS

DO	MB	LB	#B	DO	MS	LS	PS	GAP	PL USD	SET DIFFERENCES	PRICES ON BAR	NO ORDERS	W	PL	LS	PS	TO	TP	MARKET FOR B/S PREP							
0.1	-0.1								2.61	1	GBPUSD	1.18523	1.2	1.18540	1.0	1.0	0.01	0.01	9999.00	1	1	20	5	100.0	1.77729	1.77729
0.1	-0.1								1.7	2	GBPUSD	1.22674	2.9	1.22703	1.0	1.0	0.01	0.01	9999.00	1	1	20	5	100.0	1.77729	1.77729
0.1	-0.1								1.7	3	GBPUSD	0.73038	1.8	0.73054	1.0	1.0	0.01	0.01	9999.00	1	1	20	5	100.0	0.73038	0.73038
0.1	-0.1								0.69221	4	GBPUSD	0.69221	2.7	0.69240	1.0	1.0	0.01	0.01	9999.00	1	1	20	5	100.0	0.69221	0.69221
0.1	-0.1								1.20774	5	GBPUSD	1.20774	2.5	1.20792	1.0	1.0	0.01	0.01	9999.00	1	1	20	5	100.0	1.20774	1.20774
0.1	-0.1								0.91132	6	GBPUSD	0.91132	2.5	0.91158	1.0	1.0	0.01	0.01	9999.00	1	1	20	5	100.0	0.91132	0.91132
0.1	-0.1								100.848	7	GBPUSD	100.848	1.0	100.848	1.0	1.0	0.01	0.01	9999.00	1	1	20	5	100.0	100.848	100.848
0.1	-0.1								0.89316	8	GBPUSD	0.89316	2.7	0.89345	1.0	1.0	0.01	0.01	9999.00	1	1	20	5	100.0	0.89316	0.89316
0.1	-0.1								1.62289	9	GBPUSD	1.62289	2.5	1.62289	1.0	1.0	0.01	0.01	9999.00	1	1	20	5	100.0	1.62289	1.62289
0.1	-0.1								1.81682	10	GBPUSD	1.81682	5.5	1.81682	1.0	1.0	0.01	0.01	9999.00	1	1	20	5	100.0	1.81682	1.81682
0.1	-0.1								0.95348	11	GBPUSD	0.95348	3.5	0.95348	1.0	1.0	0.01	0.01	9999.00	1	1	20	5	100.0	0.95348	0.95348
0.1	-0.1								0.66593	12	GBPUSD	0.66593	3.0	0.66593	1.0	1.0	0.01	0.01	9999.00	1	1	20	5	100.0	0.66593	0.66593
0.1	-0.1								123.020	13	GBPUSD	123.020	2.5	123.020	1.0	1.0	0.01	0.01	9999.00	1	1	20	5	100.0	123.020	123.020
0.1	-0.1								137.729	14	GBPUSD	137.729	3.2	137.729	1.0	1.0	0.01	0.01	9999.00	1	1	20	5	100.0	137.729	137.729
0.1	-0.1								0.90567	15	GBPUSD	0.90567	4.0	0.90567	1.0	1.0	0.01	0.01	9999.00	1	1	20	5	100.0	0.90567	0.90567
0.1	-0.1								0.63120	16	GBPUSD	0.63120	5.3	0.63120	1.0	1.0	0.01	0.01	9999.00	1	1	20	5	100.0	0.63120	0.63120

then after 37 minutes, when you are watching "*expert is executing orders*", go to my first post then second post and so on in series. do not jump please

## 5- Weekend Offline Pairs

ForexFactory.com/MacTrader

Millionaire Expert(Mudarraaj)

Pairs	ASK	B	SPD	S
1 AUDCAD	0.97806	17.9	0.0	0.0
2 AUDCHF	0.67727	13.3	0.0	0.0
3 AUDJPY	78.797	14.9	7.0	0.0
4 AUDNZD	1.07089	24.5	1.0	0.0
5 AUDUSD	0.76011	10.0	0.0	0.0
6 CADCHF	0.69337	15.8	0.0	0.0
7 CADJPY	80.649	12.6	8.0	0.0
8 CHFJPY	116.477	26.2	1.0	0.0
9 EURAUD	1.60550	10.8	1.0	0.0
10 EURCAD	1.56790	13.1	1.0	0.0
11 EURCHF	1.08637	20.7	1.0	0.0
12 EURGBP	0.89938	14.2	0.0	0.0
13 EURJPY	126.335	9.2	1.0	0.0
14 EURNZD	1.71754	53.0	1.0	0.0
15 EURUSD	1.21873	9.9	1.0	0.0
16 GBPAUD	1.78875	29.5	1.0	0.0
17 GBPCAD	1.74714	17.2	1.0	0.0
18 GBPCHF	1.21062	23.0	1.0	0.0
19 GBPJPY	140.799	16.6	1.0	0.0
20 GBPNZD	1.91415	30.3	1.0	0.0
21 GBPUSD	1.35757	4.7	1.0	0.0
22 NZDCAD	0.91635	39.9	0.0	0.0
23 NZDCHF	0.63335	19.0	0.0	0.0
24 NZDJPY	73.605	12.4	7.0	0.0
25 NZDUSD	0.71009	10.7	0.0	0.0
26 USDCAD	1.28696	6.1	1.0	0.0
27 USDCHEF	0.89169	15.0	0.0	0.0
28 USDJPY	103.704	6.6	1.0	0.0

## 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.

511350258: EquitiGroup-Demo - Demo Account - [EURUSD,Weekly]

File View Insert Charts Tools Window Help

New Order AutoTrading

Balance: 50,000.00 USD Profit/Loss: 0.00 Equity: 50,000.00 Free margin: 50,000.00

0 x 0 xy=1850 167 X-LEFT X-RIGHT Y-UP Y-DOWN 2 3 4 5 6 7 8 9 10 11

GROUPS KEY EURUSD / W1 ForexFactory.com/Macd-rsi 803 sec PASS WORD Millionaire Expert(Mudarral) L 02:31:13

MOUSE-CLICKS

EXCEL OSC OPEN/OPEN/OPEN PATH-1 MY 28 EUR GBP AUD NZD USD CAD CHF JPY KRW INR CNY CZK DKK HKD HUF MXN NOK PLN

0 Broker Max Orders: infinity 1 RESET ALL SETTINGS 1 2.5 5 10 15 20 25 34 50 67 100 133 250 500 Page

152 24-HOURS TRADING 6 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

7.09 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

10000 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

**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

--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

**some hints:**

1- one of good things here: when under "Lock-Status" -- and you click on any fire button, *its sparan 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 sparan name* will be shown in sparam bar.

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) Ready-Made-Dummy Numbers

Goal: to make your life 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**

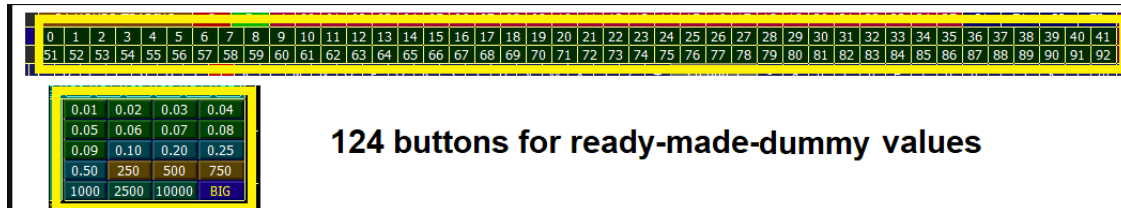
1- it includes numbers from "1" to "101", quick way to select O, D, TP, TO, LL values

2- "0" 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 parameters as if it is at infinity, for example "750" for "TO"



## 7- Pair Selection

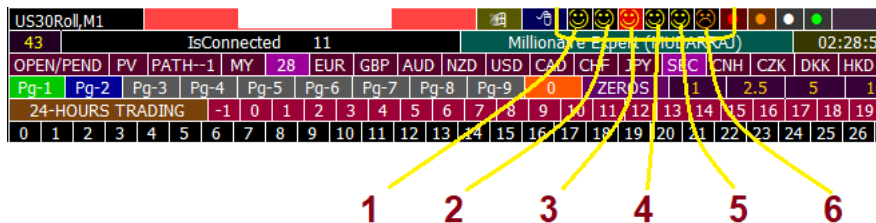
### 1) Display Pairs

#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

[illegible]

**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:





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

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

D/H	Mohammed Saif Al-Otaibi															EquitiGroup-Demo															37	37	ALL LOTS 0					99999.99	43	ALL	ADD	LOC																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
SY Xref		Millionaire Expert (MUDARRA)															06:39:45															05:39:45					43 Terminal					PipValue 0.00000					Market Watch					EXCEL					USER					NON-28					78					100					250					500					1000					2000					5000					10000					20000					50000					100000					200000					500000					1000000					2000000					5000000					10000000					20000000					50000000					100000000					200000000					500000000					1000000000					2000000000					5000000000					10000000000					20000000000					50000000000					100000000000					200000000000					500000000000					1000000000000					2000000000000					5000000000000					10000000000000					20000000000000					50000000000000					100000000000000					200000000000000					500000000000000					1000000000000000					2000000000000000					5000000000000000					10000000000000000					20000000000000000					50000000000000000					100000000000000000					200000000000000000					500000000000000000					1000000000000000000					2000000000000000000					5000000000000000000					10000000000000000000					20000000000000000000					50000000000000000000					100000000000000000000					200000000000000000000					500000000000000000000					1000000000000000000000					2000000000000000000000					5000000000000000000000					10000000000000000000000					20000000000000000000000					50000000000000000000000					100000000000000000000000					200000000000000000000000					500000000000000000000000					1000000000000000000000000					2000000000000000000000000					5000000000000000000000000					10000000000000000000000000					20000000000000000000000000					50000000000000000000000000					100000000000000000000000000					200000000000000000000000000					500000000000000000000000000					1000000000000000000000000000					2000000000000000000000000000					5000000000000000000000000000					10000000000000000000000000000					20000000000000000000000000000					50000000000000000000000000000					100000000000000000000000000000					200000000000000000000000000000					500000000000000000000000000000					1000000000000000000000000000000					2000000000000000000000000000000					5000000000000000000000000000000					10000000000000000000000000000000					20000000000000000000000000000000					50000000000000000000000000000000					100000000000000000000000000000000					200000000000000000000000000000000					500000000000000000000000000000000					1000000000000000000000000000000000					2000000000000000000000000000000000					5000000000000000000000000000000000					10000000000000000000000000000000000					20000000000000000000000000000000000					50000000000000000000000000000000000					100000000000000000000000000000000000					200000000000000000000000000000000000					500000000000000000000000000000000000					1000000000000000000000000000000000000					2000000000000000000000000000000000000					5000000000000000000000000000000000000					10000000000000000000000000000000000000					20000000000000000000000000000000000000					50000000000000000000000000000000000000					100000000000000000000000000000000000000					200000000000000000000000000000000000000					500000000000000000000000000000000000000					1000000000000000000000000000000000000000					2000000000000000000000000000000000000000					5000000000000000000000000000000000000000					100					200					500					1000					2000					5000					100					200					500					1000					2000					5000					100					200					500					1000					2000					5000					100					200					500					1000					2000					5000					100					200					500					1000					2000					5000					100					200					500					1000					2000					5000					100					200					500					1000					2000					5000					100					200					500					1000					2000					5000					100					200					500					1000					2000					5000					100					200					500					1000					2000					5000					100					200					500					1000					2000					5000					100					200					500					1000					2000					5000					100					200					500					1000					2000					5000					100					200					500					1000					2000					5000					100					200					500					1000					2000					5000					100					200					500					1000					2000					5000					100					200					500					1000					2000					5000					100					200					500					1000					2000					5000					100					200					500					1000					2000					5000					100					200					500					1000					2000					5000					100					200					500					1000					2000					5000					100000				

**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 elemnts!! **unwelcomed situation!** as explained in first 30 posts!

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

## 8- On-Line Order Concept

## Dashborad main 3 components

very-important output columns								Input columns																				un-important output columns																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
DB	MB	LB	#B	DS	MS	LS	#S	Reference	#/S	#	Path	d	Ask	ln	SPC	ln	BD	AS	LS	#S	D	G	W	R	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15	L16	L17	L18	L19	L20	L21	L22	L23	L24	L25	L26	L27	L28	L29	L30	L31	L32	L33	L34	L35	L36	L37	L38	L39	L40	L41	L42	L43	L44	L45	L46	L47	L48	L49	L50	L51	L52	L53	L54	L55	L56	L57	L58	L59	L60	L61	L62	L63	L64	L65	L66	L67	L68	L69	L70	L71	L72	L73	L74	L75	L76	L77	L78	L79	L80	L81	L82	L83	L84	L85	L86	L87	L88	L89	L90	L91	L92	L93	L94	L95	L96	L97	L98	L99	L100	L101	L102	L103	L104	L105	L106	L107	L108	L109	L110	L111	L112	L113	L114	L115	L116	L117	L118	L119	L120	L121	L122	L123	L124	L125	L126	L127	L128	L129	L130	L131	L132	L133	L134	L135	L136	L137	L138	L139	L140	L141	L142	L143	L144	L145	L146	L147	L148	L149	L150	L151	L152	L153	L154	L155	L156	L157	L158	L159	L160	L161	L162	L163	L164	L165	L166	L167	L168	L169	L170	L171	L172	L173	L174	L175	L176	L177	L178	L179	L180	L181	L182	L183	L184	L185	L186	L187	L188	L189	L190	L191	L192	L193	L194	L195	L196	L197	L198	L199	L200	L201	L202	L203	L204	L205	L206	L207	L208	L209	L210	L211	L212	L213	L214	L215	L216	L217	L218	L219	L220	L221	L222	L223	L224	L225	L226	L227	L228	L229	L230	L231	L232	L233	L234	L235	L236	L237	L238	L239	L240	L241	L242	L243	L244	L245	L246	L247	L248	L249	L250	L251	L252	L253	L254	L255	L256	L257	L258	L259	L260	L261	L262	L263	L264	L265	L266	L267	L268	L269	L270	L271	L272	L273	L274	L275	L276	L277	L278	L279	L280	L281	L282	L283	L284	L285	L286	L287	L288	L289	L290	L291	L292	L293	L294	L295	L296	L297	L298	L299	L300	L301	L302	L303	L304	L305	L306	L307	L308	L309	L310	L311	L312	L313	L314	L315	L316	L317	L318	L319	L320	L321	L322	L323	L324	L325	L326	L327	L328	L329	L330	L331	L332	L333	L334	L335	L336	L337	L338	L339	L340	L341	L342	L343	L344	L345	L346	L347	L348	L349	L350	L351	L352	L353	L354	L355	L356	L357	L358	L359	L360	L361	L362	L363	L364	L365	L366	L367	L368	L369	L370	L371	L372	L373	L374	L375	L376	L377	L378	L379	L380	L381	L382	L383	L384	L385	L386	L387	L388	L389	L390	L391	L392	L393	L394	L395	L396	L397	L398	L399	L400	L401	L402	L403	L404	L405	L406	L407	L408	L409	L410	L411	L412	L413	L414	L415	L416	L417	L418	L419	L420	L421	L422	L423	L424	L425	L426	L427	L428	L429	L430	L431	L432	L433	L434	L435	L436	L437	L438	L439	L440	L441	L442	L443	L444	L445	L446	L447	L448	L449	L450	L451	L452	L453	L454	L455	L456	L457	L458	L459	L460	L461	L462	L463	L464	L465	L466	L467	L468	L469	L470	L471	L472	L473	L474	L475	L476	L477	L478	L479	L480	L481	L482	L483	L484	L485	L486	L487	L488	L489	L490	L491	L492	L493	L494	L495	L496	L497	L498	L499	L500
-2.97	-2.92	0.01	1	-39.22	-56.49	0.15	14	10.49922	10.45260	2	EURECH	10.52268	14.41	10.43452	2.50	2.50	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	20	20	0.01	0.01	9999.90	11.52267	20	2																																																																																																							

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!

[illegible]

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.



CE PRICES ON BAR			19	3.34	SPL: 10000		0.01	UKOILRoll_F_SL014.					
			Day	999.99%	24H	D	304965.62						
B/S Price	#	Pairs	d	ASK	n	SPD	n	BID	BL	SL	BS	SS	O
24.049	1	SIH1		24.233	▲	1.8	▲	24.215					1.0
30062.80	2	US30Roll		29978.40	▲	1.80	▲	29976.60					1.00
12341.88	3	UT100Roll		12393.50	▲	1.00	▲	12392.50					1.00
13338.50	4	DE30Roll		13301.75	▲	1.00	▲	13300.75					1.00
26650.50	5	JP225Roll		26705.50	▼	10.00	▼	26695.50					1.00
26284.50	6	HK50Roll		26428.50	▼	8.00	▼	26420.50					1.00
6700.80	7	AUS200Roll		6670.90	▲	4.80	▲	6666.10					1.00
5552.80	8	FRA40Roll		5553.85	▲	1.20	▲	5552.65					1.00
8208.50	9	ESP35Roll		8195.00	▲	6.00	▲	8189.00					1.00
3530.15	10	EU50Roll		3523.45	▲	0.90	▲	3522.55					1.00
16644.57	11	CHINA50Ro		16752.97	▲	8.40	▲	16744.57					1.00
1838.92	12	XAUUSD		1839.79	▲	0.44	▲	1839.35					1.00
45.770	13	USOILRoll		47.508	▼	2.9	▼	47.479					1.0
49.008	14	UKOILRoll		50.659	▼	2.9	▼	50.630					1.0
0.74368	15	AUDUSD		0.75136	▼	1.5	▼	0.75121					1.0
0.70166	16	NZDUSD		0.7073	▼								1.0
1.28079	17	USDCAD		1.2717	▼								1.0
104.179	18	USDJPY		104.35	▼								1.0
1.20788	19	EURUSD		1.2122	▼								1.0
1.62152	20	EURAUD		1.6136	▼								1.0
1.71827	21	EURNZD		1.7142	▼								1.0
1.54782	22	EURCAD		1.5416	▼								1.0
125.810	23	EURJPY		126.49	▼								1.0
0.90094	24	EURGBP		0.9127	▼								1.0
1.33874	25	GBPUSD		1.3283	▼								1.0
1.79799	26	GBPAUD		1.76815	▼	5.6	▼	1.76759					1.0

BL=Green  
SL=Red  
BS=Aqua  
SS=Orange

Three semi-Green colors for BUY (GREEN-AQUA-BLUE)  
Three semi-Red colors for SELL (RED-ORANGE-PINK)

if BL reach max # of TO --- box **#B** will be **Green**

if BS reach max # of TO --- box **#B** will be **Aqua**

if both BL and BS reach max limits of TO (double of TO) box **#B** will be **Blue**

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

if SL reach max # of TO --- box **#S** will be **Red**

if SS reach max # of TO --- box **#S** will be **Orange**

if both SL and SS reach max limits of TO (double of TO) box **#S** will be **Pink**

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

as shown on picture:

look at 14 (7 BLs + 7 BSs) --- TO = 7 below:

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	w	x	y	121	All	z	#																			
currently set at 0.666 sec																							ONE TIME		SHOWN TAKE PROFIT		HIDDEN TAKE PROFIT		New orders pause time is currently set at 0.000 sec																							1 2 3 4 5 6 7 8 9 10										READY											
JITY %		99.99 %		W R		B E		OnEquity		Eq > 1298575.92		Eq < 0.01		SL-CLS		100.00		TS		1.00 %		DATA-0		Eq > 99.99 %		Eq < 100.01 %		On%		Buy		Sell		C/D		SEND																																					
BS008.05.100.100+00.5559.00																							0.1		SET REFERENCE PRICES ON BAR																							679		61.86		SPL: 10000		0.1		FRA40Roll J_SL008.05.100.100+00.5557.80		390013.03		Y		304971.73		N		390013.03		D		Intray Lots Limiter		J BS008.05.100.1	
52		42		EXCEL 1 PAIRS		Day		999.99%		24H		D		390013.03		Y		304971.73		N		390013.03		D		Intray Lots Limiter		J BS008.05.100.1																																													
LB	#B	DS	MS	LS	#S	Reference B/S Price	#	Pairs	d	ASK	n	SPD	n	BID	BL	SL	BS	SS	O	D	W	FL	LI	LL	L1	L2	TO	D	TP																																												
0.09	7	26.6	-34.0	0.09	7	24.067	24.049	1	SIH1	24.333	▲	1.8	▲	24.315					1.0	1.0		0.01	0.01	77.00	1	1	7	5	10.0																																												
1.00	6	-88.30	1.10			30064.60	30061.80	2	US30Roll	30021.40	▼	1.80	▼	30019.60					1.00	1.00		0.10	0.10	77.00	1	1	7	5	15.00																																												
1.8	14	53.12	-59.87	1.80	14	12341.88	12341.88	3	UT100Roll	12396.00	▼	1.00	▼	12395.00					1.00	1.00		0.10	0.10	77.00	1	1	7	5	15.00																																												
1.00	6	-33.25	1.00			13338.50	13338.50	4	DE30Roll	13303.00	▼	1.00	▼	13302.00					1.00	1.00		0.10	0.10	77.00	1	1	7	5	15.00																																												
18.0	14	70.00	-190.00	18.00	14	26650.50	26650.50	5	JP225Roll	26720.50	▼	10.00	▼	26720.50					1.00	1.00		0.10	0.10	77.00	1	1	7	5	15.00																																												
0.90	7	38.50	-177.00	0.90	7	26284.50	26284.50	6	HK50Roll	26431.00	▼	8.00	▼	26423.00					1.00	1.00		0.10	0.10	77.00	1	1	7	5	15.00																																												
0.90	7	-13.80	0.90	7	7	6705.60	6701.80	7	AUS200Roll	6672.90	▲	4.80	▲	6668.10					1.00	1.00		0.10	0.10	77.00	1	1	7	5	10.00																																												
1.4	12	2.85	-138.85	1.40	12	5552.80	5552.80	8	FRA40Roll	5556.85	▲	1.20	▲	5555.65					1.00	1.00		0.10	0.10	77.00	1	1	7	5	10.00																																												
0.90	7	-197.2	-158.4	0.09	7	8208.50	8208.50	9	ESP35Roll	8193.00	▲	6.00	▲	8189.00					1.00	1.00		0.10	0.10	77.00	1	1	7	5	10.00																																												
0.90	7	-10.90	0.90	7	7	3531.05	3530.15	10	EU50Roll	3524.45	▲	0.90	▲	3522.55					1.00	1.00		0.10	0.10	77.00	1	1	7	5	10.00																																												
0.90	7	-101.20	-128.60	0.90	7	16644.57	16643.07	11	CHINA50Roll	16753.17	▲	8.40	▲	16745.17					1.00	1.00		0.10	0.10	77.00	1	1	7	5	10.00																																												
0.02	7	-4.77	-10.11	0.09	7	1839.37	1839.00	12	XAUUSD	1844.13	▲	0.36	▲	1843.77					1.00	1.00		0.01	0.01	77.00	1	1	7	5	10.00																																												
0.02	7	-157.2	-158.4	0.09	7	45.798	45.771	13	USOILRoll	47.535	▼	2.8	▼	47.493					1.0	1.0		0.01	0.01	77.00	1	1	7	5	10.00																																												
0.02	7	-146.6	-148.6	0.09	7	49.008	49.008	14	UKOILRoll	50.513	▼	2.9	▼	50.474					1.0	1.0		0.01	0.01	77.00	1	1	7	5	10.00																																												
0.02	7	-88.0	-88.6	0.09	7	0.74385	0.74369	15	AUDUSD	0.75266	▼	1.7	▼	0.75249					1.0	1.0		0.01	0.01	77.00	1	1	7	5	10.00																																												
0.02	7	-63.7	-65.9	0.09	7	0.70189	0.70167	16	NZDUSD	0.70824	▼	2.0	▼	0.70804					1.0	1.0		0.01	0.01	77.00	1	1	7	5	10.00																																												
0.02	7	-20.4	-20.4	0.09	7	1.28101	1.28079	17	USDCAD	1.27168	▼	2.3	▼	1.27145					1.0	1.0		0.01	0.01	77.00	1	1	7	5	10.00																																												
0.02	7	-5.2	-39.4	0.09	7	104.194	104.178	18	USDJPY	104.245	▼	1.5	▼	104.230					1.0	1.0		0.01	0.01	77.00	1	1	7	5	10.00																																												

And for LotLimiter, any pair reach LotLimiter for any type the same coloring system:

columns LB (BUY) or LS, (SELL)

plus

columns of LI (BUY) and LL (SELL)

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	UT30Roi		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	CHINA50Roi		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	SS	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:  $O \text{ or } D = \text{raw} == 10$

raw values

## 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 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																		
P/FACTOR P/L INCREASE VOLT																												
#S	#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	1.5	1.21905	1.5	1.21905	1.5	1.21905	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	2.4	1.34231	2.4	1.34231	2.4	1.34231	2.4	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	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	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	1.29009	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			
		1.61555	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			
		0.65854	0.65835	12	AUDCHF	0.67458	2.8								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	GBPGBP	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	1.06657	5.1	1.06651	5.1	1.06651	5.1	1.06651	5.1	1.06651	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

DE30Roll J BS004.01 100 100+00 13257.00	US30Roll J SS002.02 100 100+00 29899.60
#B	#S
5	5

BuyStop BGCOLOR  
BuyLimit BGCOLOR

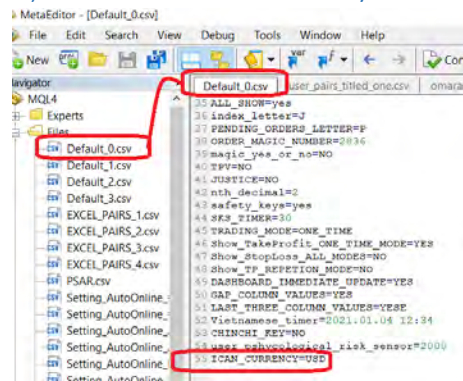
SellStop BGCOLOR  
SellLimit BGCOLOR

for last order  
executed in  
each case

US30Roll J BL002.04 100 100+00 29900.40	DE30Roll J SL004.02 100 100+00 13257.00
#B	#S
5	5

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

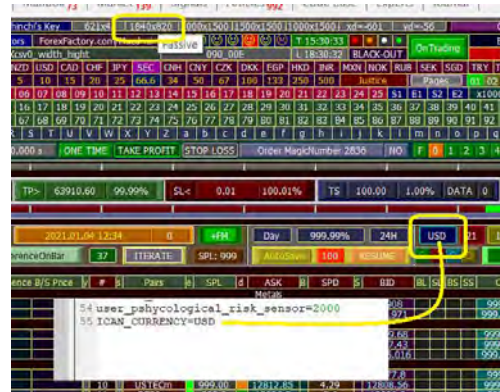
## 5) ICAN Default Currency – Choose related orders base on Currency



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

#	Pair	SPD	BL	SL	BS	SS	O	Q
1	EURUSDm	999.0	1.20727	1.0	1.20727	20.0	20.0	20.0
2	EURUSDm	999.0	1.35689	1.5	1.35689	20.0	20.0	20.0
3	AUDUSDm	999.0	0.76816	1.5	0.76816	20.0	20.0	20.0
4	NOUSDm	999.0	0.71111	2.0	0.71111	20.0	20.0	20.0
5	USDCHFm	999.0	1.27705	2.2	1.27705	20.0	20.0	20.0
6	USDCHFm	999.0	0.89062	1.5	0.89062	20.0	20.0	20.0
7	USDCHFm	999.0	1.03658	1.1	1.03658	20.0	20.0	20.0
8	EURGBPm	999.0	0.88965	1.6	0.88965	20.0	20.0	20.0
9	EURGBPm	999.0	1.57148	2.3	1.57148	20.0	20.0	20.0
10	GBPUSDm	999.0	1.27662	2.8	1.27662	20.0	20.0	20.0
11	AUDUSDm	999.0	0.98102	2.5	0.98102	20.0	20.0	20.0
12	EURGBPm	999.0	0.68423	0.9	0.68423	20.0	20.0	20.0
13	EURGBPm	999.0	1.25149	1.9	1.25149	20.0	20.0	20.0
14	GBPUSDm	999.0	1.40660	2.0	1.40660	20.0	20.0	20.0
15	EURUSDm	999.0	1.20727	1.0	1.20727	20.0	20.0	20.0
16	EURUSDm	999.0	1.35689	1.5	1.35689	20.0	20.0	20.0
17	AUDUSDm	999.0	0.76816	1.5	0.76816	20.0	20.0	20.0
18	NOUSDm	999.0	0.71111	2.0	0.71111	20.0	20.0	20.0
19	USDCHFm	999.0	1.27705	2.2	1.27705	20.0	20.0	20.0
20	USDCHFm	999.0	0.89062	1.5	0.89062	20.0	20.0	20.0
21	USDCHFm	999.0	1.03658	1.1	1.03658	20.0	20.0	20.0
22	EURGBPm	999.0	0.88965	1.6	0.88965	20.0	20.0	20.0
23	EURGBPm	999.0	1.57148	2.3	1.57148	20.0	20.0	20.0
24	GBPUSDm	999.0	1.27662	2.8	1.27662	20.0	20.0	20.0
25	AUDUSDm	999.0	0.98102	2.5	0.98102	20.0	20.0	20.0
26	EURGBPm	999.0	0.68423	0.9	0.68423	20.0	20.0	20.0
27	EURGBPm	999.0	1.25149	1.9	1.25149	20.0	20.0	20.0
28	GBPUSDm	999.0	1.40660	2.0	1.40660	20.0	20.0	20.0
29	EURUSDm	999.0	1.20727	1.0	1.20727	20.0	20.0	20.0
30	EURUSDm	999.0	1.35689	1.5	1.35689	20.0	20.0	20.0
31	AUDUSDm	999.0	0.76816	1.5	0.76816	20.0	20.0	20.0
32	NOUSDm	999.0	0.71111	2.0	0.71111	20.0	20.0	20.0
33	USDCHFm	999.0	1.27705	2.2	1.27705	20.0	20.0	20.0
34	USDCHFm	999.0	0.89062	1.5	0.89062	20.0	20.0	20.0
35	USDCHFm	999.0	1.03658	1.1	1.03658	20.0	20.0	20.0
36	EURGBPm	999.0	0.88965	1.6	0.88965	20.0	20.0	20.0
37	EURGBPm	999.0	1.57148	2.3	1.57148	20.0	20.0	20.0
38	GBPUSDm	999.0	1.27662	2.8	1.27662	20.0	20.0	20.0
39	AUDUSDm	999.0	0.98102	2.5	0.98102	20.0	20.0	20.0
40	EURGBPm	999.0	0.68423	0.9	0.68423	20.0	20.0	20.0
41	EURGBPm	999.0	1.25149	1.9	1.25149	20.0	20.0	20.0
42	GBPUSDm	999.0	1.40660	2.0	1.40660	20.0	20.0	20.0
43	EURUSDm	999.0	1.20727	1.0	1.20727	20.0	20.0	20.0
44	EURUSDm	999.0	1.35689	1.5	1.35689	20.0	20.0	20.0
45	AUDUSDm	999.0	0.76816	1.5	0.76816	20.0	20.0	20.0
46	NOUSDm	999.0	0.71111	2.0	0.71111	20.0	20.0	20.0
47	USDCHFm	999.0	1.27705	2.2	1.27705	20.0	20.0	20.0
48	USDCHFm	999.0	0.89062	1.5	0.89062	20.0	20.0	20.0
49	USDCHFm	999.0	1.03658	1.1	1.03658	20.0	20.0	20.0
50	EURGBPm	999.0	0.88965	1.6	0.88965	20.0	20.0	20.0

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

i reomve old colors for specific pairs.

SPD	S	BID	BL	SL	BS	SS	O	Q
1.0		1.20728					20.0	20.0
1.5		1.35689					20.0	20.0
1.5		0.76816					20.0	20.0
2.0		0.71111					20.0	20.0
2.2		1.27705					20.0	20.0
1.5		0.89062					20.0	20.0
1.1		103.658					20.0	20.0
1.6		0.88965					20.0	20.0
2.3		1.57148					20.0	20.0
2.8		1.27662					20.0	20.0
2.5		0.98102					20.0	20.0
0.9		0.68423					20.0	20.0
1.9		1.25149					20.0	20.0
2.0		1.40660					20.0	20.0
1.2		0.90937					20.0	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) 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);

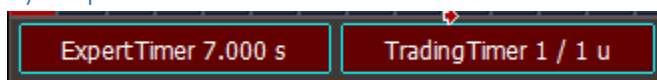
----**zreboo**: I hate both methods. I prefer 2 orders for each pair, then go to the seond order and when 2 orders of last pair is opened, rotate again 2 orders for each pair.

**sacredragon**: all choices are availabe. 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**

## 8) Expert Timer button



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



## 9) 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

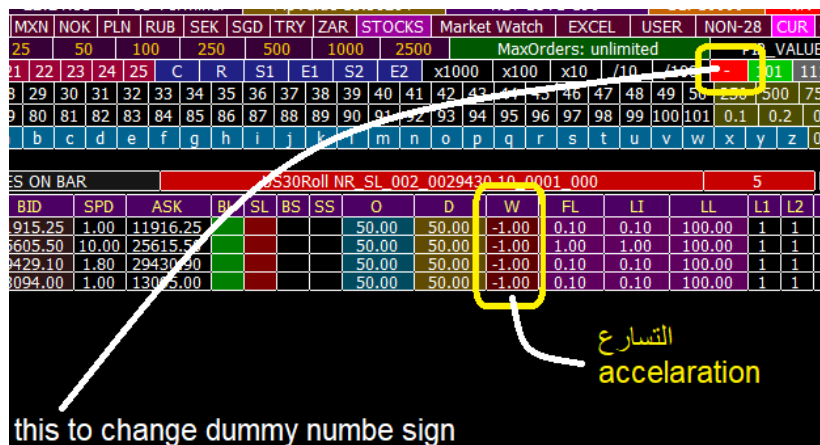
#9-: 1.00**62**---- diff = 3 pips

#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



MaxOrders: unlimited

BID	SPD	ASK	BL	SL	BS	SS	O	D	W	FL	LI	LL	L1	L2
915.25	1.00	11916.25					50.00	50.00	-1.00	0.10	0.10	100.00	1	1
6605.50	10.00	25615.50					50.00	50.00	-1.00	1.00	1.00	100.00	1	1
429.10	1.80	29430.90					50.00	50.00	-1.00	0.10	0.10	100.00	1	1
8094.00	1.00	13005.00					50.00	50.00	-1.00	0.10	0.10	100.00	1	1

التسارع  
acceleration

this to change dummy numbe sign

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

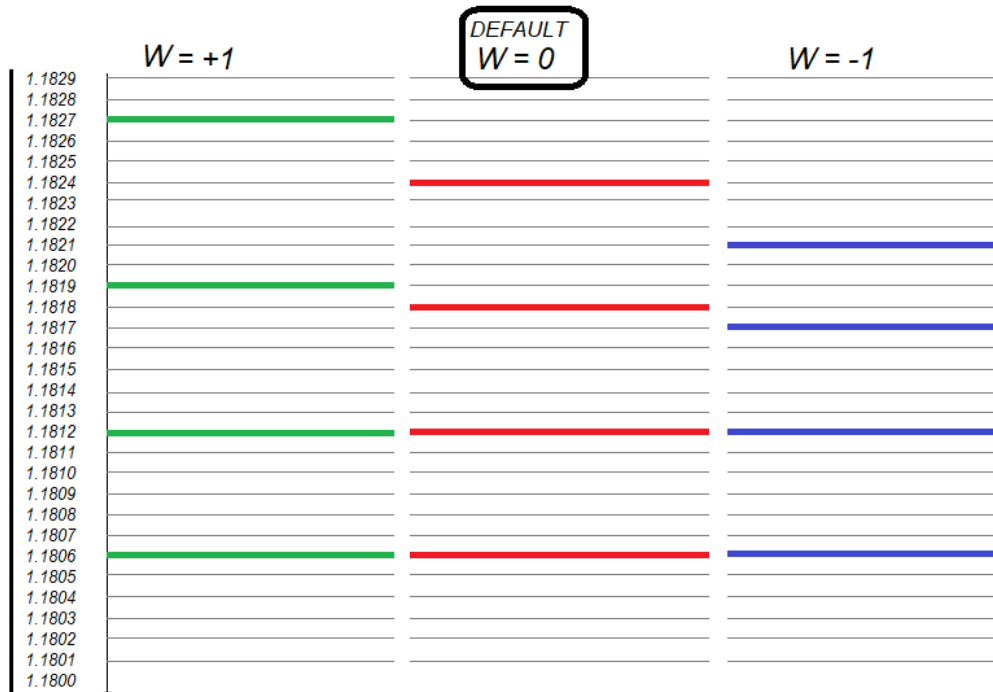
tr	time	type	Size	Symbol	Price	S / L	T / P	Price	Profit	Comment
Balance: 1,069.60 USD Equity: 1,069.60 Free margin: 1,069.60					0.00					
2394593	2020.11.13 22:48:46	sell limit	0.22	eurusd	1.18424	0.00000	1.17424	1.18329	×	G_1.18324_SL00.22.100.100
2394592	2020.11.13 22:48:45	sell limit	0.21	eurusd	1.18524	0.00000	1.17524	1.18329	×	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	×	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	×	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	×	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	×	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	×	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	×	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	×	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	×	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	×	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	×	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	×	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	×	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	×	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	×	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	×	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	×	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	×	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	×	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	×	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	×	G_1.18324_SL00.01.100.100

W = minus 1 Effect

D Equity: 1,069.60 Free margin: 1,069.60					0.00					
2020.11.13 22:48:46	sell limit	0.22	eurusd	1.18424	0.00000	1.17424	1.18325	×		G_1
2020.11.13 22:48:45	sell limit	0.21	eurusd	1.18524	0.00000	1.17524	1.18325	×		G_1
2020.11.13 22:48:45	sell limit	0.20	eurusd	1.18614	0.00000	1.17614	1.18325	×		G_1
2020.11.13 22:48:45	sell limit	0.19	eurusd	1.18694	0.00000	1.17694	1.18325	×		G_1
2020.11.13 22:48:44	sell limit	0.18	eurusd	1.18764	0.00000	1.17764	1.18325	×		G_1
2020.11.13 22:48:44	sell limit	0.17	eurusd	1.18824	0.00000	1.17824	1.18325	×		G_1
2020.11.13 22:48:44	sell limit	0.16	eurusd	1.18874	0.00000	1.17874	1.18325	×		G_1
2020.11.13 22:48:43	sell limit	0.15	eurusd	1.18914	0.00000	1.17914	1.18325	×		G_1
2020.11.13 22:48:43	sell limit	0.14	eurusd	1.18944	0.00000	1.17944	1.18325	×		G_1
2020.11.13 22:48:42	sell limit	0.13	eurusd	1.18964	0.00000	1.17964	1.18325	×		G_1
2020.11.13 22:48:42	sell limit	0.12	eurusd	1.18974	0.00000	1.17974	1.18325	×		G_1
2020.11.13 22:48:41	sell limit	0.11	eurusd	1.18974	0.00000	1.17974	1.18325	×		G_1
2020.11.13 22:48:41	sell limit	0.10	eurusd	1.18964	0.00000	1.17964	1.18325	×		G_1
2020.11.13 22:48:41	sell limit	0.09	eurusd	1.18944	0.00000	1.17944	1.18325	×		G_1
2020.11.13 22:48:40	sell limit	0.08	eurusd	1.18914	0.00000	1.17914	1.18325	×		G_1
2020.11.13 22:48:40	sell limit	0.07	eurusd	1.18874	0.00000	1.17874	1.18325	×		G_1
2020.11.13 22:48:40	sell limit	0.06	eurusd	1.18824	0.00000	1.17824	1.18325	×		G_1
2020.11.13 22:48:39	sell limit	0.05	eurusd	1.18764	0.00000	1.17764	1.18325	×		G_1
2020.11.13 22:48:39	sell limit	0.04	eurusd	1.18694	0.00000	1.17694	1.18325	×		G_1
2020.11.13 22:48:39	sell limit	0.03	eurusd	1.18614	0.00000	1.17614	1.18325	×		G_1
2020.11.13 22:48:38	sell limit	0.02	eurusd	1.18524	0.00000	1.17524	1.18325	×		G_1
2020.11.13 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*th order and (*n*+1)th 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

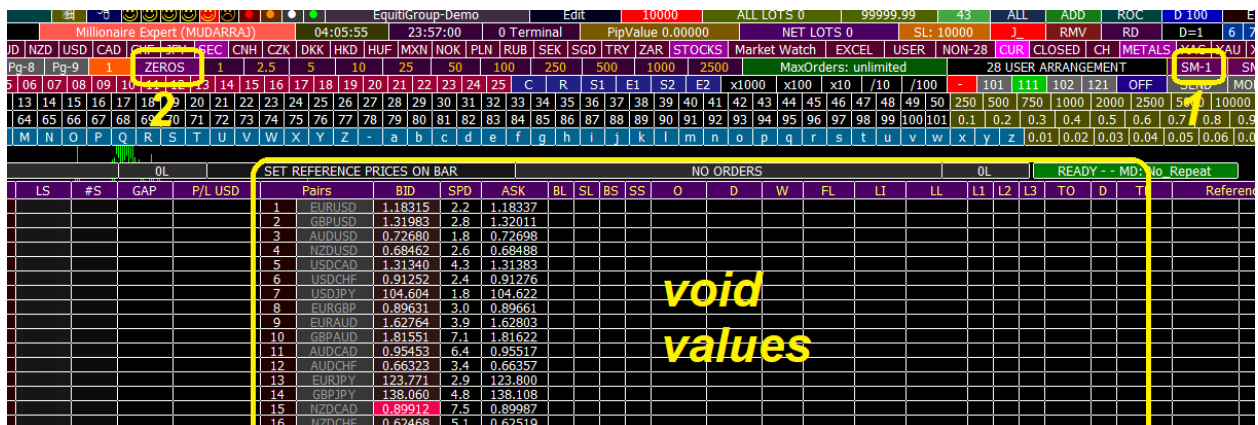
## 9) Reset – SM1 – “Zeros”

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	2.9	1.62803																
				10	GBPAUD	1.81551	2.1	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	GBPAUD	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	USDCHI
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	66.0			1.81723	1.81423	10	GBPCHF
43.2				-43.2	2.0			0.95679	0.95417	11	AUDCAD
11.3	-16.3			11.3	6.0			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.

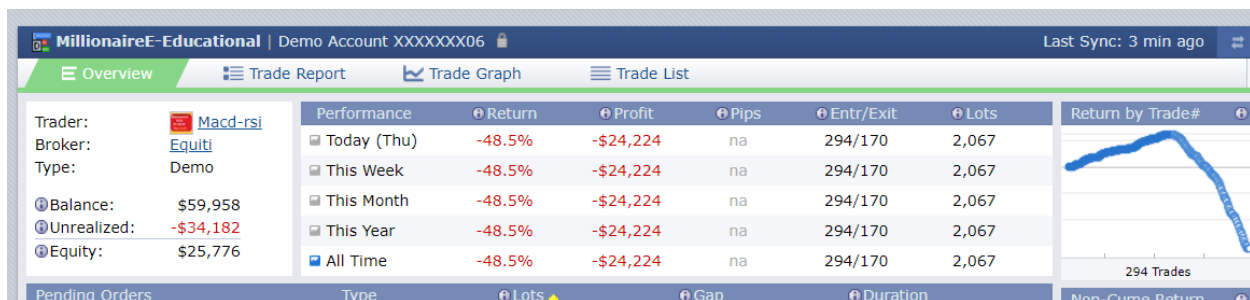
**MB:** Maximum worst pips for **BUY**

**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

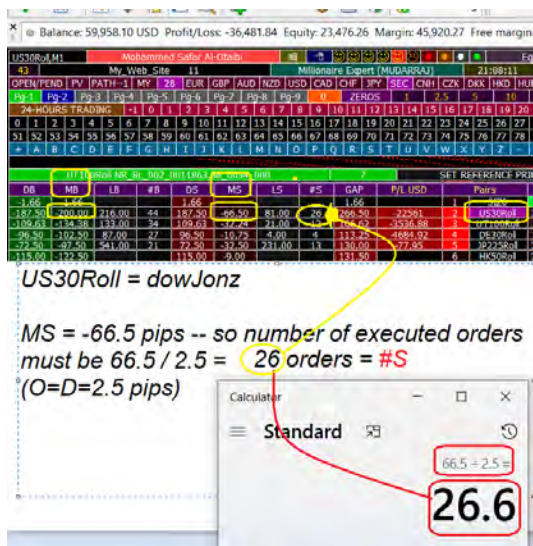
Number of B/S orders executed by expert

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 gainst 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	-124.38	133.00	2	96.50	-10.75	4.00	4	113.25	-4684.92	3 DE30Roll
-96.50	-102.50	87.00	71	72.50	-32.80	231.00	13	130.00	-77.95	4 JP225Roll
-72.50	-97.50	541.00								5 HS30Roll

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	-124.38	133.00	2	96.50	-10.75	4.00	4	113.25	-4684.92	3 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	4 JP225Roll	12967.25	1.00	12968.25		
-72.50	-97.50	541.00								5 HS30Roll	25354.50	10.00	25364.50		
-115.00	-122.50										26181.00	6.00	26187.00		
-24.00											6406.60	4.80	6411.40		
-39.00											5334.40	1.20	5335.60		
-58.00											7674.00	6.00	7680.00		
-25.00											3408.05	0.90	3408.95		
-49.00											16401.44	8.70	16410.14		
-1.66											24.223	0.23	24.246		
-7.00											1875.98	0.31	1876.29		
-2.00											42.050	0.33	42.083		
-3.00											44.195	0.31	44.226		
-26.00											0.72354	1.7	0.72371		
-23.00											0.68450	2.2	0.68472		
13.00											1.31353	2.3	1.31376		
2.00											105.204	1.5	105.219		
-9.00											1.17961	1.5	1.17976		
46.00											1.63010	2.6	1.63036		
3.00											1.72301	3.4	1.72335		
-6.00											1.54947	3.7	1.54984		
15.00											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 F																															
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	-66.50	81.00	26	2.00			1																				
-229.50	-256.50	216.00	44	229.50	-66.50	81.00	26	323.00	-2535.4		2																				
-142.76	-154.38	132.00	34	142.76	-32.24	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																				

$$256.50 + 66.5 = 323 \text{ pips}$$

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	3	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	27.6						
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						



## 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	-0.08
	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																	
5	84.00	29222.90 29217.10				29139.47				-119.37				312.00					
5	84.00	11823.50 11820.50				11801.34 11843.38				23.91 17.13				-63.00					
5	84.00	13128.75 13123.75				13023.40				-54.40				1188.00					
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
89.47	-93.37	312.00
01.34	33.54	-63.00
23.40	-45.90	188.00

## 3) Net/ Lots

References	Average prices	Average Pips	Net/Lot
24.330 24.312	29139.47	-103.37	312.00
29222.90 29217.10	11801.34	31.16	-63.00
11823.50 11820.50	13023.40	-48.15	188.00

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)

The screenshot shows the 'EquitiGroup-Demo' window. At the top, there are two input fields: one containing '10' and another containing '10.00'. The '10.00' field is highlighted with a red box and labeled 'MaxLot Box'. Below these fields, the text 'ALL LOTS 412.55' is displayed in red. A yellow box highlights the '10' in the first input field, with an arrow pointing to it and the text 'edit 10 here -- then mouse click on it'. Another yellow box highlights the '10.00' in the second input field, with an arrow pointing to it and the text 'click here'. A green box highlights the '412.55' in the 'ALL LOTS' field, with an arrow pointing to it and the text 'check here'. A red box highlights the 'MaxLot Box' label. A red box highlights the text 'therefore both boxes will be RED'. The background shows a complex interface with various data fields and buttons.

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 "**Maximum\_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 **reject 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	
GBPUSD		1.33603	7.0	1.33533	

### 3) Spread Limited (SL SPL)

**Reject** orders if spread is widening beyond our "SPREAD LIMITER"  (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

The color of spread box **of each pair** will determine if trading on that pair is allowed or not due 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!

10000

PIPE VALUE 72.10960

TRY ZAR STOCK Market value

SL: 10000 NR RMV RD D=1 6 7 8 9 Buy Sell

NET LOTS 727

SL: 10000 NR RMV RD D=1 6 7 8 9 Buy Sell

100 1000 2500

Max orders: unlimited

PIP VALUE SORTING DOWN

SM-1 SM-2 SM-3 C/D

5th

0 1 2 3

NO ORDER

READY - MD: Repeat

AUR-NR

BS SS O D W FL LT

1.00 1.00 100.00

0.10 1.00 100.00

0.10 1.00 100.00

0.10 1.00 100.00

Macd-rsi

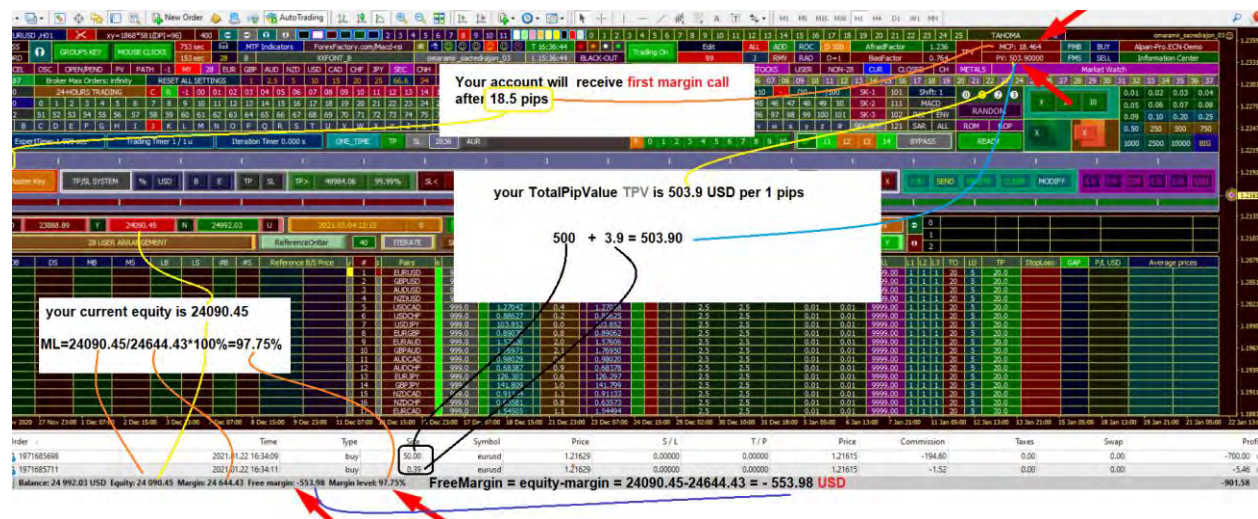
Font Size

NEW LESSON

TOTAL NET LOTS box

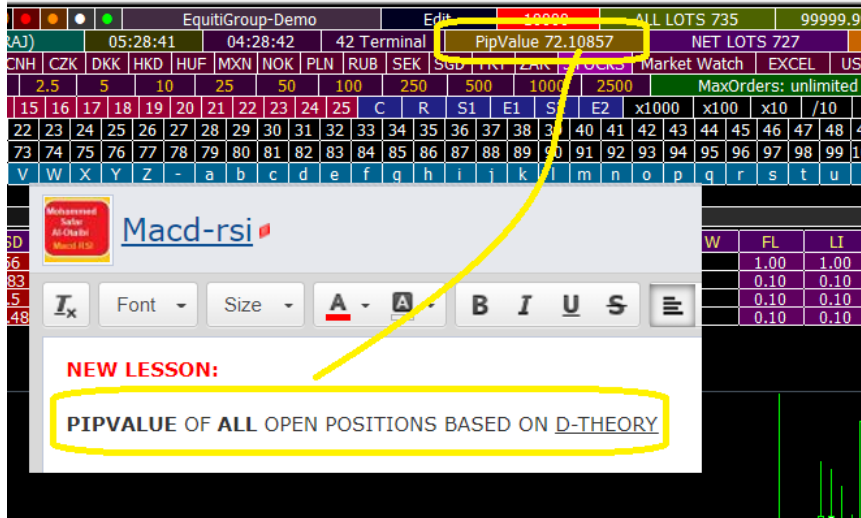
100 + 95 + 15 + 517 = 727

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



**pipvalue** of **all** open positions based on **d-theory**

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]<LotsLimiter[i])
32       {
33         (integerof( #O / Ladder ))
34         Lot = ( FirstLot + LotIncrement * integerof( #O / Ladder ) * L2 ) * L1 * L3
35         lotx=LotsLimiter[i]-LOT_BL[i];
36         BL_LotsPairLimiter[i]=LotsLimiter[i];
37       }
38       if(ALL_LOTS+lotx>MAX_ACCOUNT_LOTS)

```

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^(int(0/1)) = (0.01+0.01\*0\*2)\*3\*5^0 = (0.01+0)\*3\*1 = **0.03 lot**

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

#3 order is: **Lots3** = (0.01+0.01\*int(2/1)\*2)\*3\*5^(int(2/1)) = (0.01+0.01\*2\*2)\*3\*5^2 = (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 😊

$325 = 3 \cdot 2 \cdot 5 \implies L1L2L3$

#### 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:

$L=L1=0.01$  Lots-----Ladder=1-----  $L1L2L3=111=1-1-1 \implies L1=1, L2=1, L3=1$ ;

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

Order#1:  $lot1=(0.01+0.01 \cdot \text{int}(0/1) \cdot 1) \cdot 1 \cdot 1^{\text{int}(0/1)} = (0.01+0.00) \cdot 1 \cdot 1^0 = 0.01 \cdot 1 = \mathbf{0.01}$   
 Order#2:  $lot2=(0.01+0.01 \cdot \text{int}(1/1) \cdot 1) \cdot 1 \cdot 1^{\text{int}(1/1)} = (0.01+0.01) \cdot 1 \cdot 1^1 = 0.02 \cdot 1 = \mathbf{0.02}$   
 Order#3:  $lot3=(0.01+0.01 \cdot \text{int}(2/1) \cdot 1) \cdot 1 \cdot 1^{\text{int}(2/1)} = (0.01+0.02) \cdot 1 \cdot 1^2 = 0.03 \cdot 1 = \mathbf{0.03}$   
 Order#4:  $lot4=(0.01+0.01 \cdot \text{int}(3/1) \cdot 1) \cdot 1 \cdot 1^{\text{int}(3/1)} = (0.01+0.03) \cdot 1 \cdot 1^3 = 0.04 \cdot 1 = \mathbf{0.04}$   
 Order#5:  $lot5=(0.01+0.01 \cdot \text{int}(4/1) \cdot 1) \cdot 1 \cdot 1^{\text{int}(4/1)} = (0.01+0.04) \cdot 1 \cdot 1^4 = 0.05 \cdot 1 = \mathbf{0.05}$   
 Order#6:  $lot6=(0.01+0.01 \cdot \text{int}(5/1) \cdot 1) \cdot 1 \cdot 1^{\text{int}(5/1)} = (0.01+0.05) \cdot 1 \cdot 1^5 = 0.06 \cdot 1 = \mathbf{0.06}$   
 Order#7:  $lot7=(0.01+0.01 \cdot \text{int}(6/1) \cdot 1) \cdot 1 \cdot 1^{\text{int}(6/1)} = (0.01+0.06) \cdot 1 \cdot 1^6 = 0.07 \cdot 1 = \mathbf{0.07}$

**look how it was incremented each time bu 0.01 lot (L1=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:

$Lotsx = (FL+L1 \cdot \text{int}(\#O/Ladder) \cdot L2) \cdot L1 \cdot L3^{\text{int}(\#O/Ladder)}$

$FL=L1=0.01$  Lots-----Ladder=1-----  $L1L2L3=102=1-0-2 \implies L1=1, L2=0, L3=2$ ;

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

Order#1:  $lot1=(0.01+0.01 \cdot \text{int}(0/1) \cdot 0) \cdot 1 \cdot 2^{\text{int}(0/1)} = (0.01+0) \cdot 1 \cdot 2^0 = 0.01 \cdot 1 = \mathbf{0.01}$   
 Order#2:  $lot2=(0.01+0.01 \cdot \text{int}(1/1) \cdot 0) \cdot 1 \cdot 2^{\text{int}(1/1)} = (0.01+0) \cdot 1 \cdot 2^1 = 0.01 \cdot 2 = \mathbf{0.02}$   
 Order#3:  $lot3=(0.01+0.01 \cdot \text{int}(2/1) \cdot 0) \cdot 1 \cdot 2^{\text{int}(2/1)} = (0.01+0) \cdot 1 \cdot 2^2 = 0.01 \cdot 4 = \mathbf{0.04}$   
 Order#4:  $lot4=(0.01+0.01 \cdot \text{int}(3/1) \cdot 0) \cdot 1 \cdot 2^{\text{int}(3/1)} = (0.01+0) \cdot 1 \cdot 2^3 = 0.01 \cdot 8 = \mathbf{0.08}$   
 Order#5:  $lot5=(0.01+0.01 \cdot \text{int}(4/1) \cdot 0) \cdot 1 \cdot 2^{\text{int}(4/1)} = (0.01+0) \cdot 1 \cdot 2^4 = 0.01 \cdot 16 = \mathbf{0.16}$   
 Order#6:  $lot6=(0.01+0.01 \cdot \text{int}(5/1) \cdot 0) \cdot 1 \cdot 2^{\text{int}(5/1)} = (0.01+0) \cdot 1 \cdot 2^5 = 0.01 \cdot 32 = \mathbf{0.32}$   
 Order#7:  $lot7=(0.01+0.01 \cdot \text{int}(6/1) \cdot 0) \cdot 1 \cdot 2^{\text{int}(6/1)} = (0.01+0) \cdot 1 \cdot 2^6 = 0.01 \cdot 64 = \mathbf{0.64}$



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		1.33535	2.4	1.33511					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

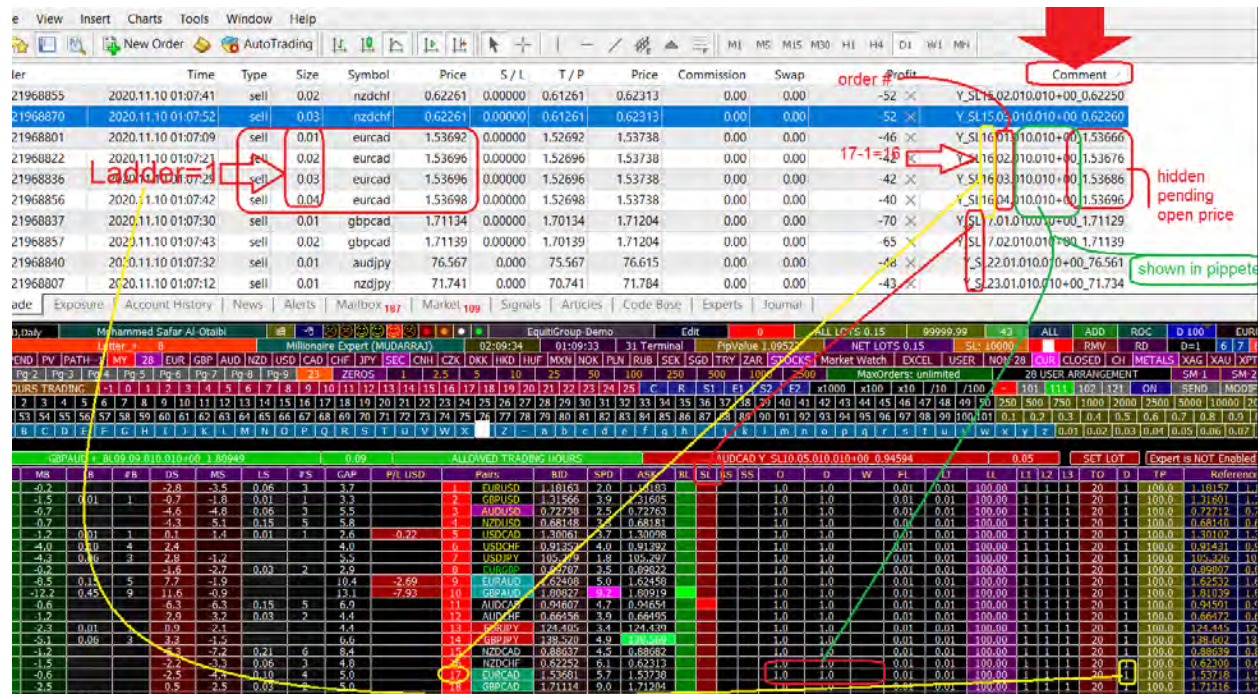
$\text{LI} * \text{L2} = 0 * 9 = \mathbf{0}$  whatever the value of L2. ==> 0: no increment

## 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 prefix "**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

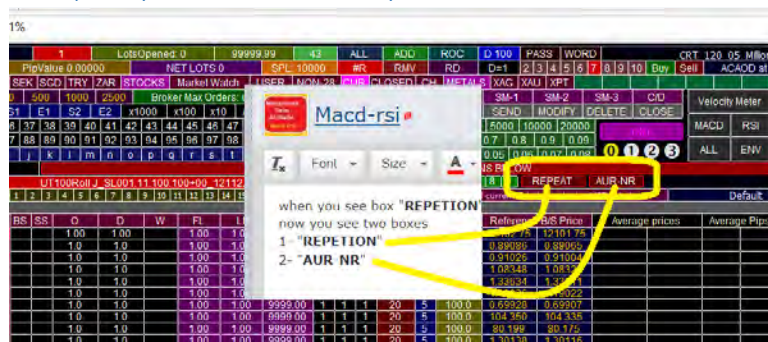
here we ignore placing TP (TakeProfit) ----Hidden Take Profit  
when any order is executed you will notice TP = 0.00000 (NO TAKE PROFIT)  
BROKER CAN NOT SEE YOUR TAKE PROFIT  
but in your mind you know any position will be closed after profit of 100 PIPS  
that is smart-- but what is more smarter is 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

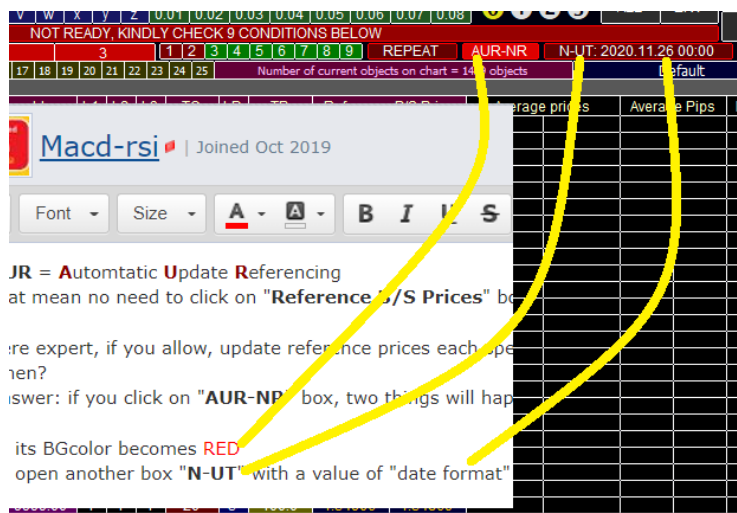


when you see box "**REPETITION**" -- you must see in the right another box named "**AUR-NR**" --  
now you see two boxes

1- "**REPETITION**"

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

BG = **B**ack**G**roud



**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



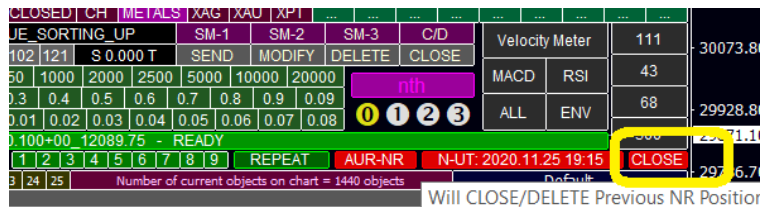


- 1- "N-UT" its BGcolor becomes **RED** instead of **BROWN**
- 2- open another box "**KEEP**" ----BGColor is **BROWN**

**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





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"

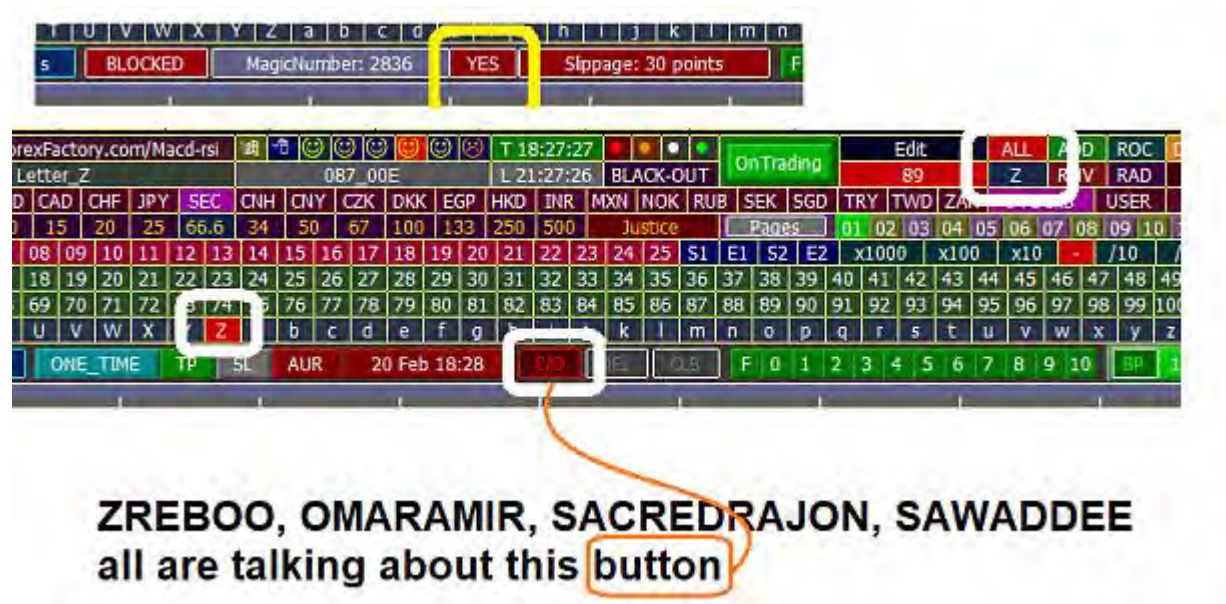
**zreboo:** i want expert each new REF to close/delete only orders with index **Z** and MagicNumber **2836** and leave anything else (ignore)

-----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.



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 GBP/NZD 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

EXCEL	OSC	OPEN/PEND	PV	PATH-0	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 Watt
-------	-----	-----------	----	--------	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--------	-------------

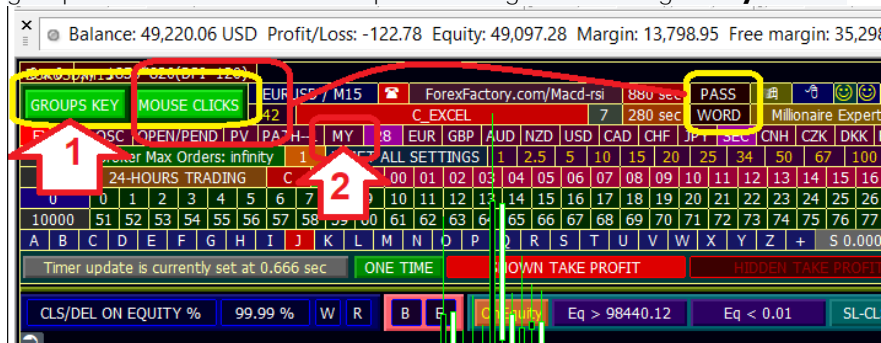
1- First Step confirm that "**GROUPS KEY**" is ON = Green

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**"

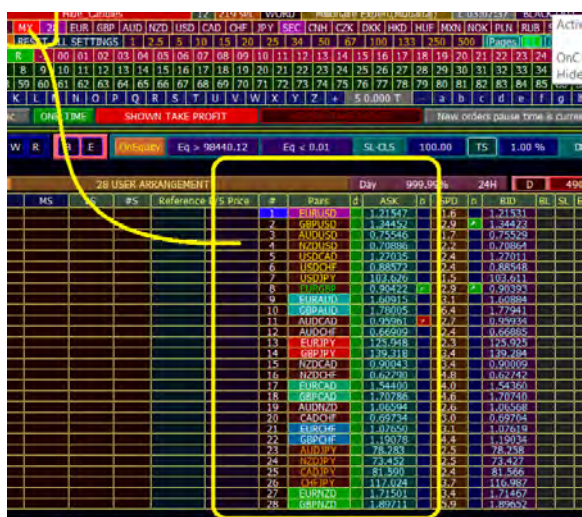
4- If **GROUPS-KEY** is green, **now you can click on any group**. let us click on button "**MY**"-- This is MY-

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

### 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

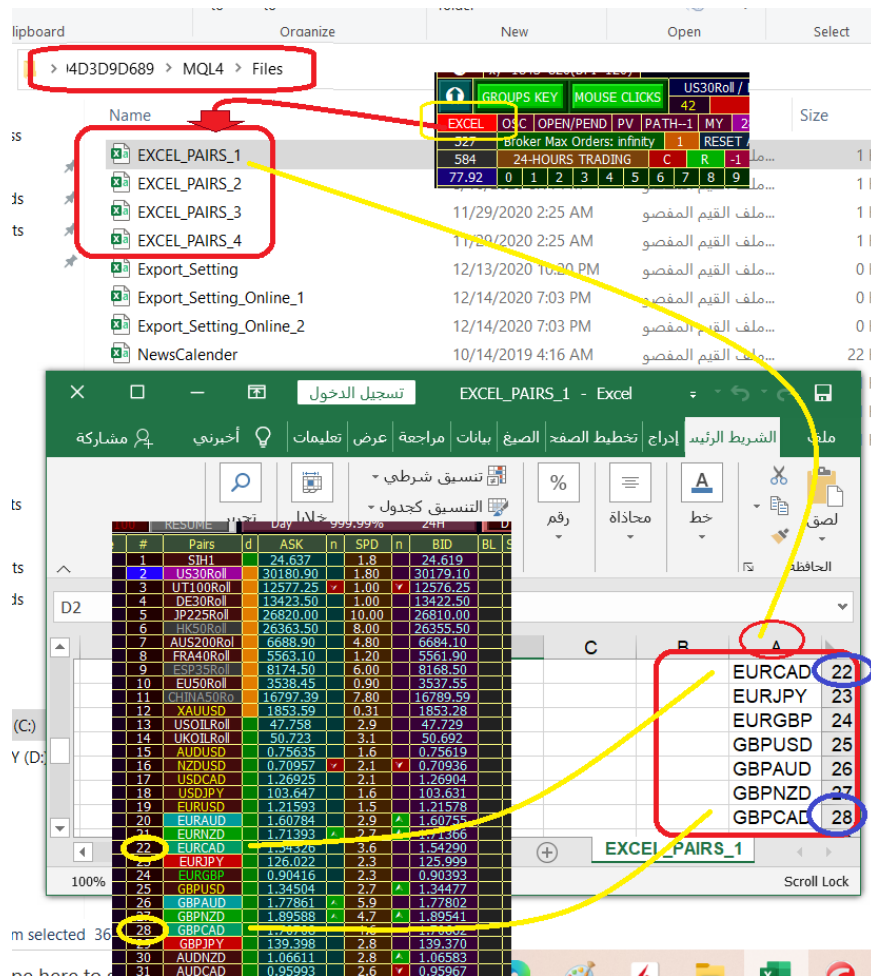
-----4--EXCEL\_PAIRS\_4.csv

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.



7- Look at picture, you just fill **column A** on excel-sheet, nothing more. you may do it at one time in your trading live.

8- we put it at the first place in the groups row since [it is the best solution](#)

9- you can [repeat](#) pair many times. this is one of the [strongest point in expert](#). Reason: you want O and D for SELL poistions different from O and D for BUY positions.

10- if you write wrong instrument name like UERUSD, expert will filter it.

11- if you decide to see disabled pairs, (comming lesson) -that wrong name will appear. You can go to excel and deleted it or correct it.

12- please write pairs [as they appear on their chart](#) or on MarketWatch, for example EURUSD or EURUSDpro or EURUSD.c ...

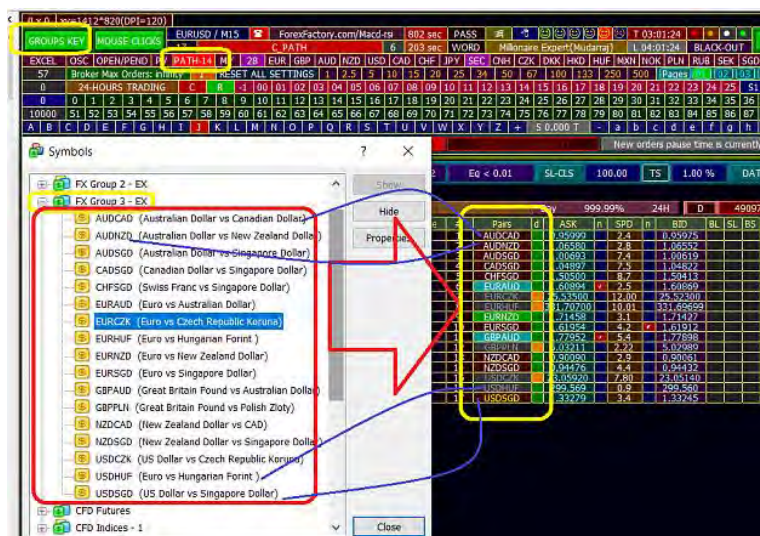
## 2) PATH Settings

Group Selection - **PATH Button**

1- number of cicks here is not unque number. it is depend on your broker [susbtiles](#) in Symbol window.

2- Path 0 then path 1 then path 2 etc are arranged in alphanpetical order, usually CFD first since **C** letter comes before **F** letter in "FX group".

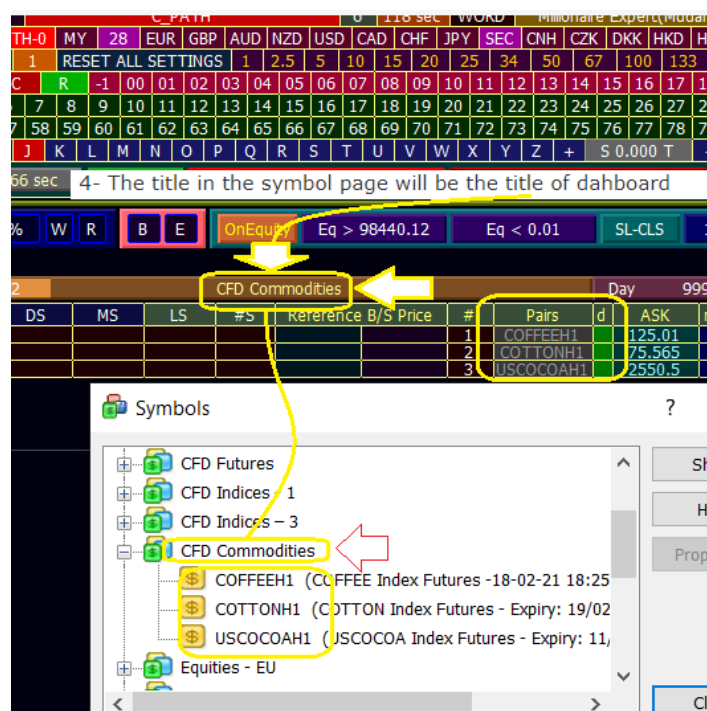




3- Instruments will be arranged on our dashboard according to their appearance in Symbol Page

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

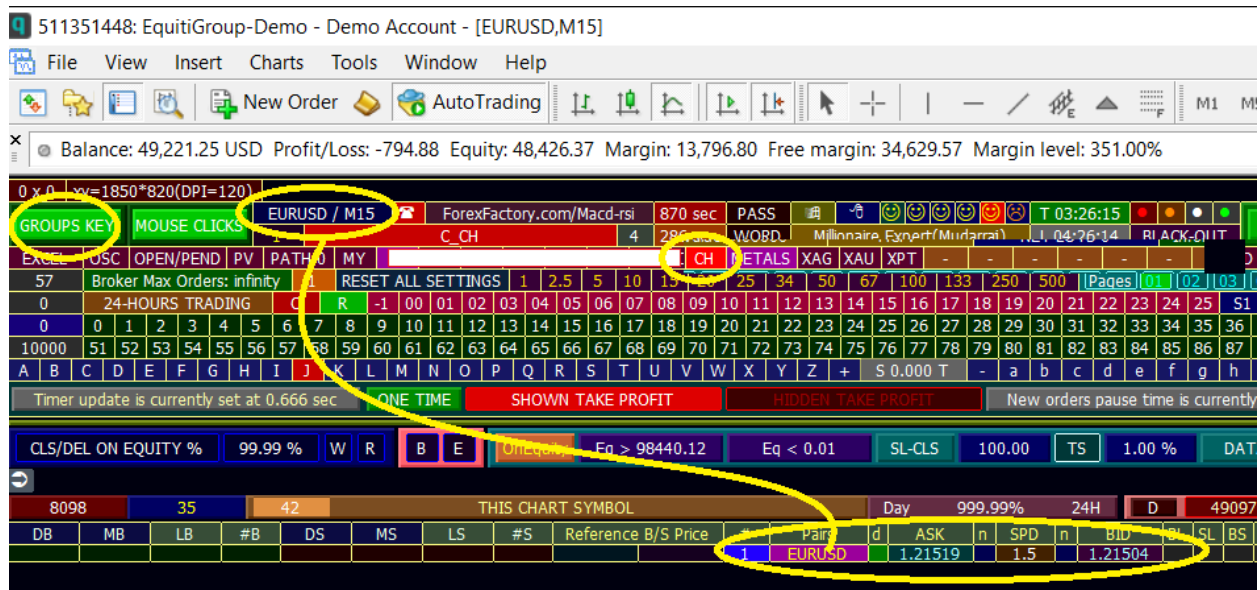
1- this group CH only consist of one elemnt, the pair of the chart. EURUSD in picture.

2- it has only one click

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

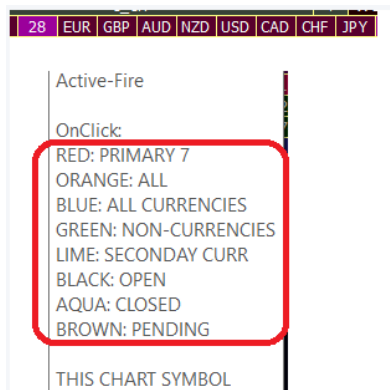
4- it makes expert faster since there will be much less buttons!

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

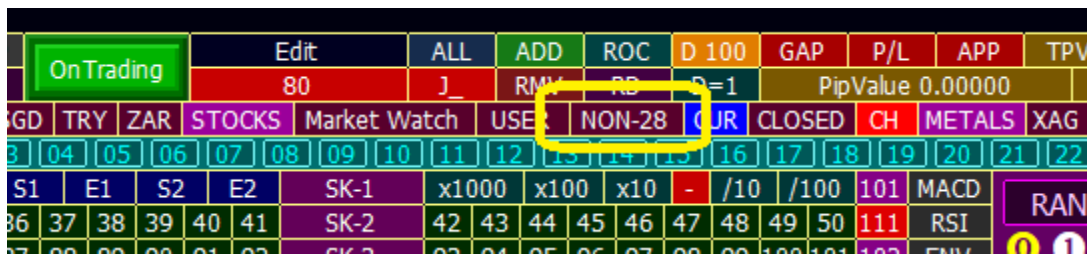
- 1- "28" Famous 28 currency-pairs
- 2- "SEC" all currency pairs except famous 28 pairs
- 3- "CUR" all famous28 pairs plus all SEC curenry pairs
- 4- here indeces , dtokc and alike are excluded.



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

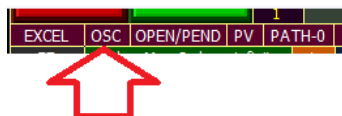
#### 6) "Non-28" Pairs

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



## 7) OSC Button

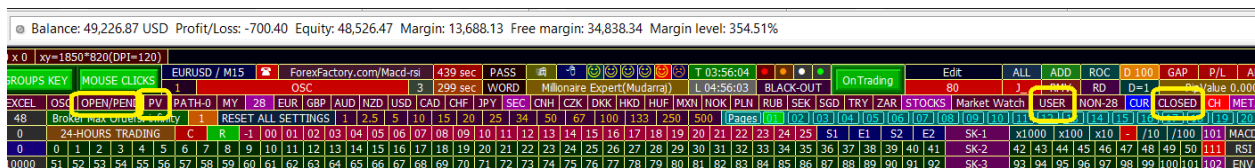
- 1- OSC = **O**pen **S**econdary **C**urrencies List
- 2- it is save-active, therefore you can click on it anytime, even if the expert is running. no change to setting
- 3- no need for GROUPS-KEY
- 4 its importance arise from the fact that some brokers offer a plenty of currencies that exceed 19 cusec 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 Limiter				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		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	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

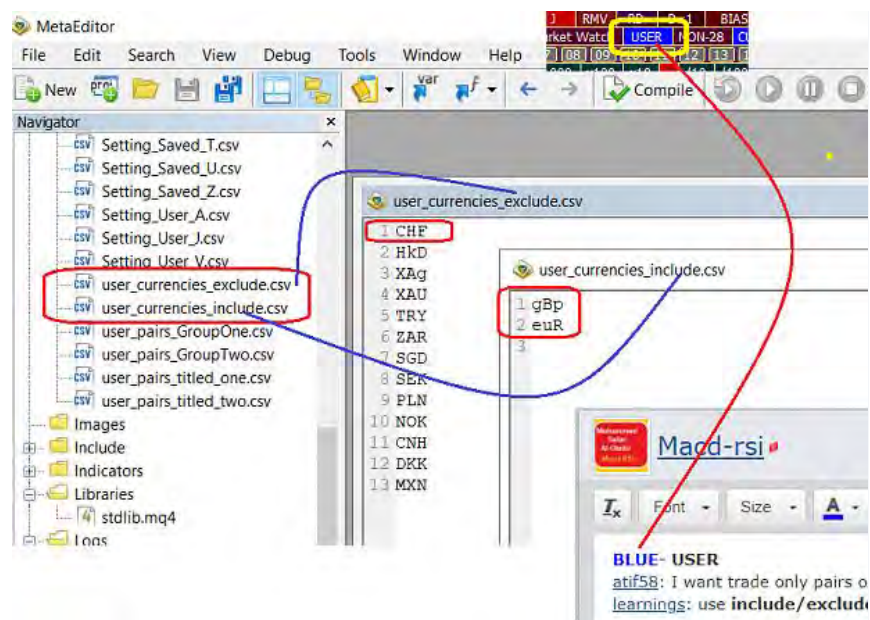
## 9) USER Button

**BLUE- USER** for csv titled files:

[user\\_currencies\\_exclude.csv](#)

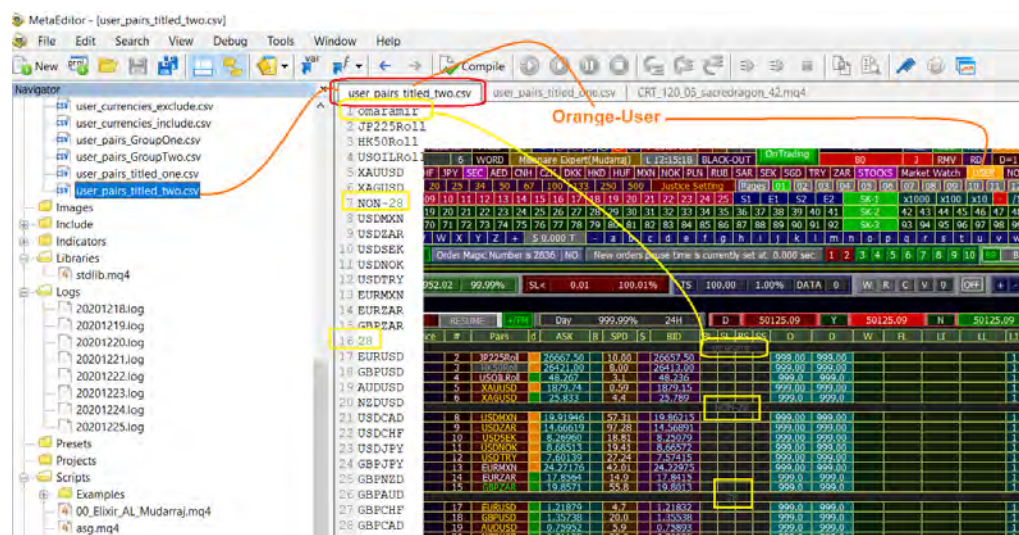
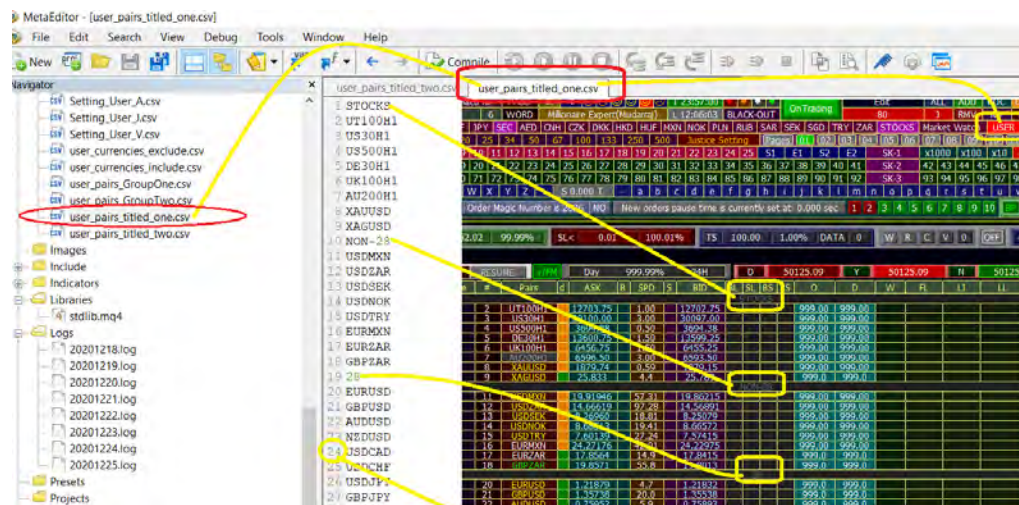
[user\\_currencies\\_include.csv](#)

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

Do the following please in sequence:

- 1 - choose EUR-red (famous 7 pairs)
- 2- make all your setting, including referencing, 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)
- a---click on IMPORT word, (First click on SM-1 to be green)
- b----click after 5 second click on AUTOSSET word, what you notice?

===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 referencing, 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 AUTOSET 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				/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																																																
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	nth				Save Setting																																										
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				AutoSet																																						
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				60.00				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 arrangement 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 0.05																									
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		5	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**.

## 19- How to use UserSetting

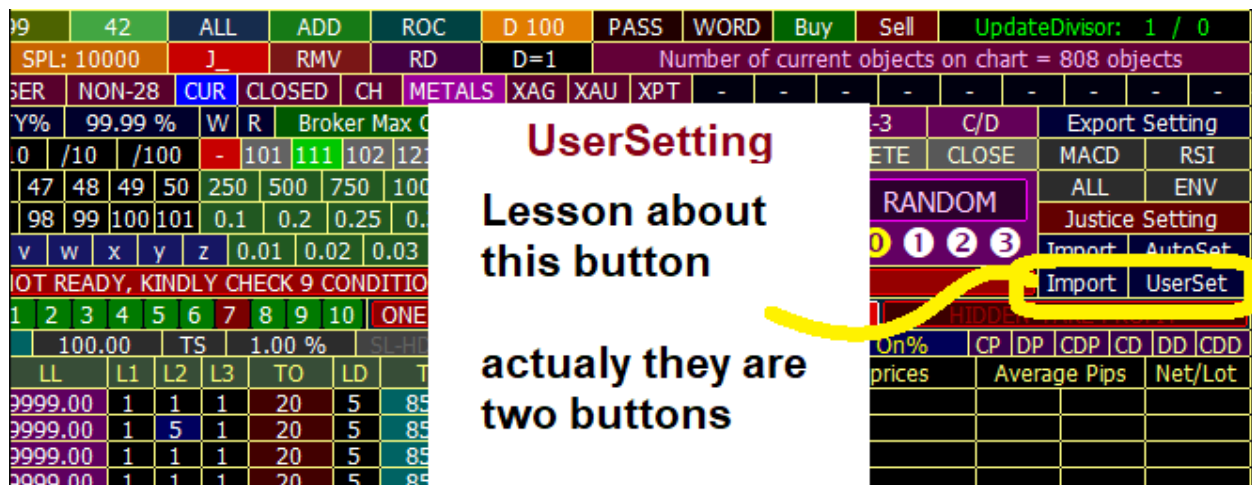
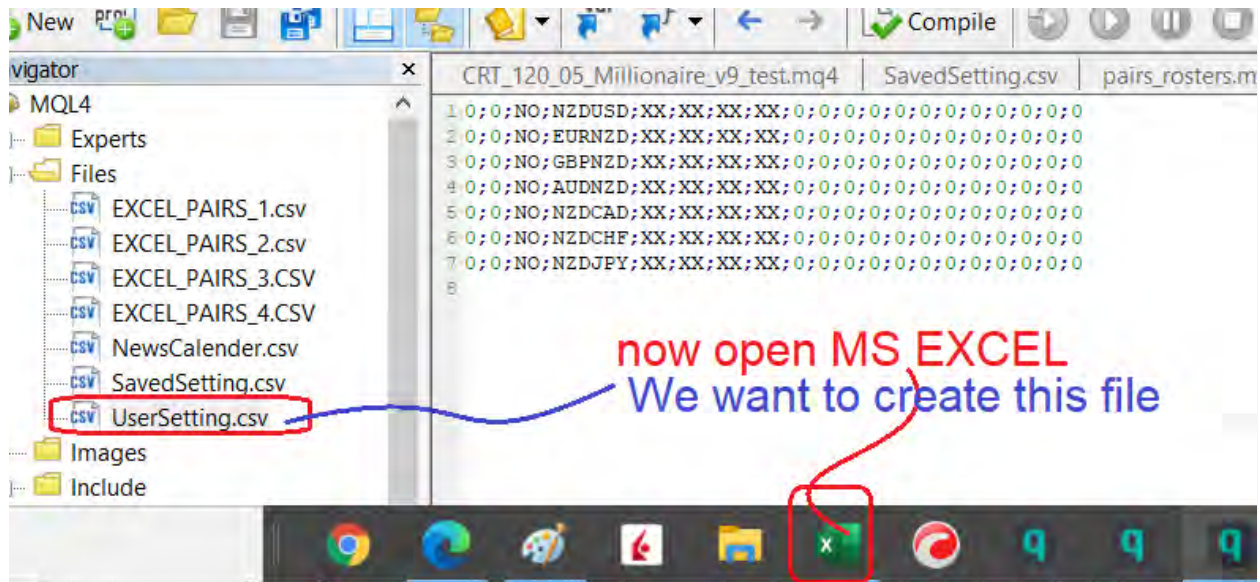
here forget about data saved

you go to excel then prepare **your permanent** setting, that may you ist 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

LN1		9999.999999999999		Udy	999.99%		24H		BL		SL		BS		SS		F0 > 20000.00		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F0 < 0.01		F	
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## 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.

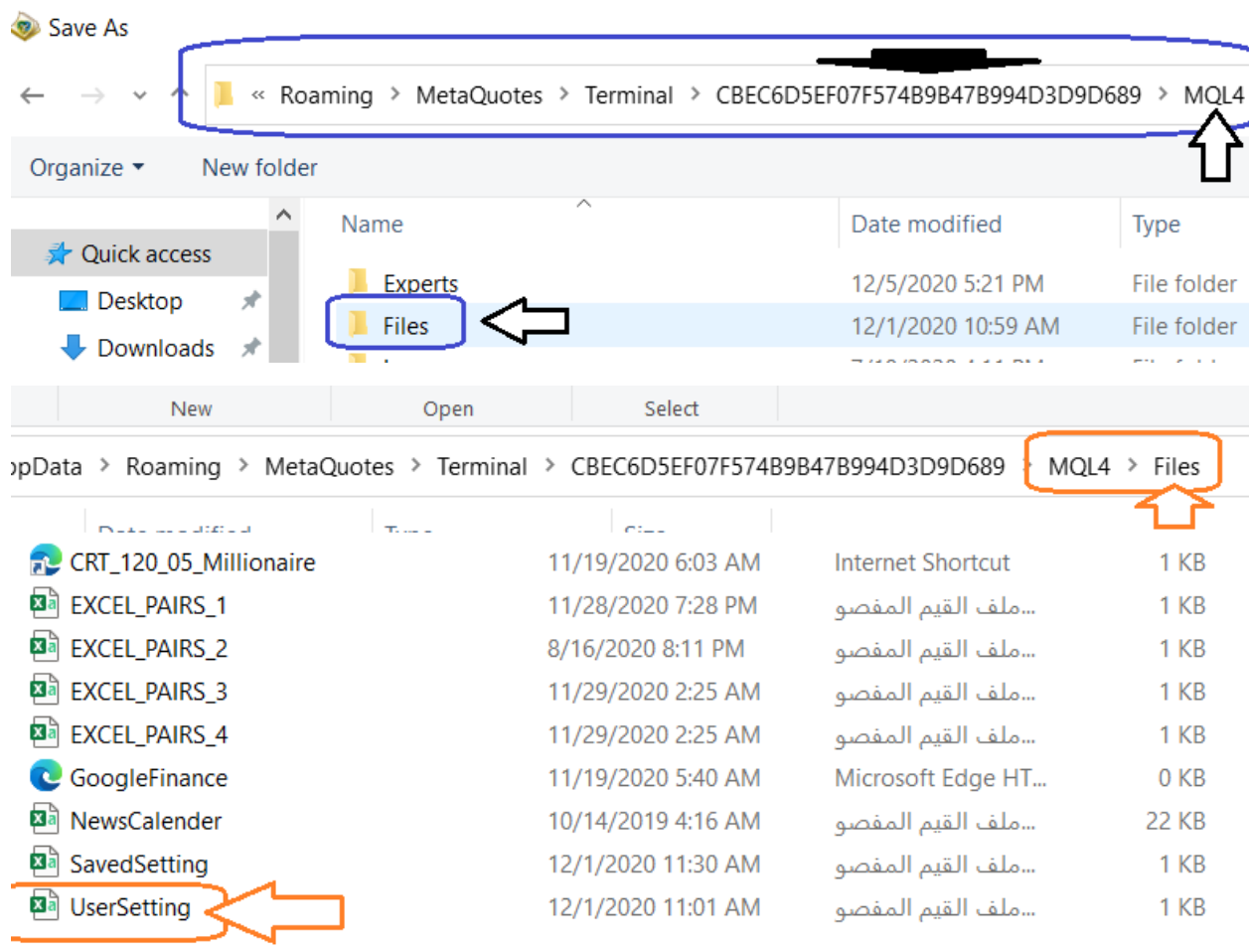
18-Fill R1 cell with **TO** (TotalOrdersPerPairInOneDirection TOPPIOD) +ve integer value. By mere logic it must ne integer.

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:



exper will cancel all wrong pairs elemnts except showing wrong pair name with darkened ingray colors!

expert will work properly for other six pairs

and when you see something wrong like this-you can modify it or even leave it!! will not affacet 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	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	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
																					9

EMENT	999999999.99		Day	999.99%		24H	OnEquity				Eq > 20000.00		Eq < 0.01		SL-CLS	100.00			TS	1.00 %		SL-BPG
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	
2.00000	0.80000	2	EURGBP	0.90232	5.5	0.90177				50.0	50.0		0.01	0.01	9999.00	1	5	1	20	5	85.0	
5.00000	1.00000	4	EURNZD	1.72237	9.2	1.72145				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	1.54931				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	1.08071				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	126.267				50.0	50.0		0.01	0.01	9999.00	1	1	1	20	5	85.0	

what will happen if you make any row with 21 values!

picture answer

this approach you may do it one time in your live trading!

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	5	1	20	5	85.0	11994.5	
2.00000	1.00000	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	
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look at o column in your picture

expert converted first to pipettes, if they originally not pipettes

expert know in advance, your intention is **pipettes** or **tripettes** or **pips**

pipetts always correct for all broker for all pairs. no way for mistakes with **pipette**

impossible

just to know that excel setting show pipettes

**then program later** convert to pips or tripettes.

and that the best thing you can imagine in programming.

## 20- Equity-Alert Music System

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



main concept: to alert trader if equity drop to lower-level-determined-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 accepted 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 accepted 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 increment 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 or 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 highest 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" -- download 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

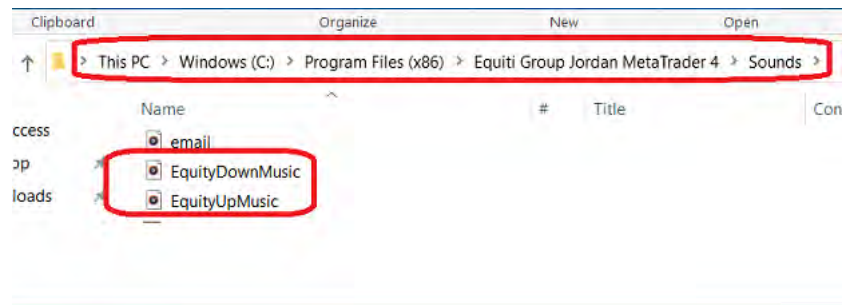
----6-3: D = Down

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

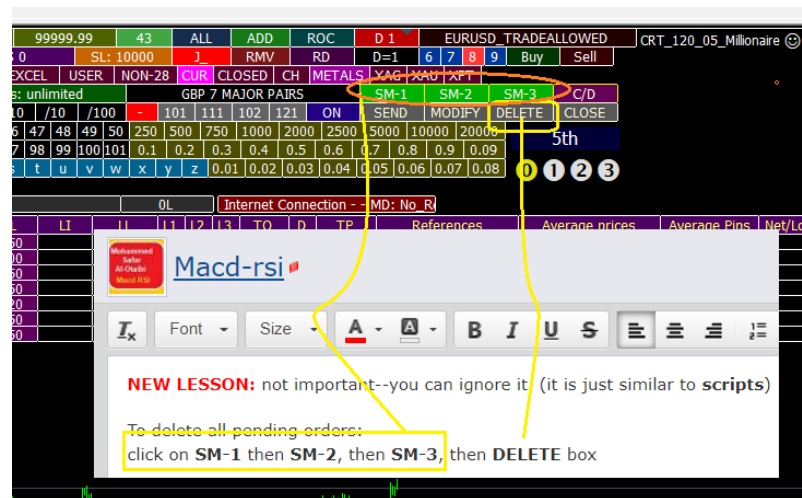


## 21- Instruments Daily Range

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

To delete all pending orders:

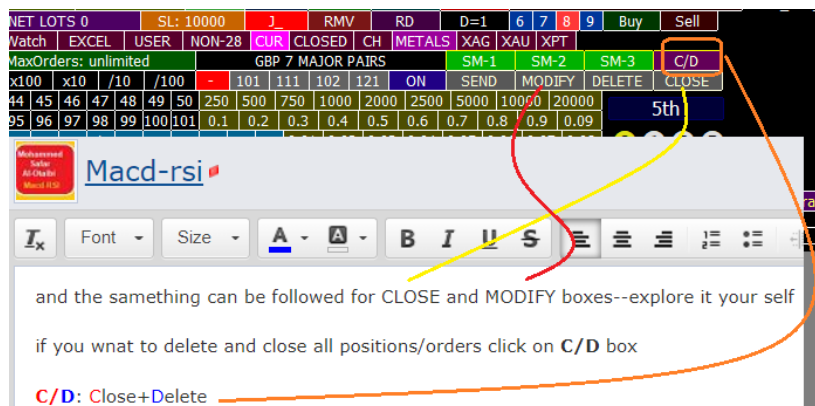
click on **SM-1** then **SM-2**, then **SM-3**, then **DELETE** box



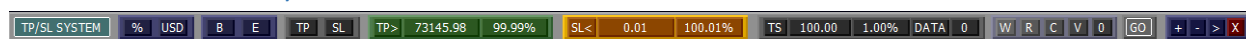
and the something can be followed for **CLOSE** and **MODIFY** boxes--explore it your self

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:

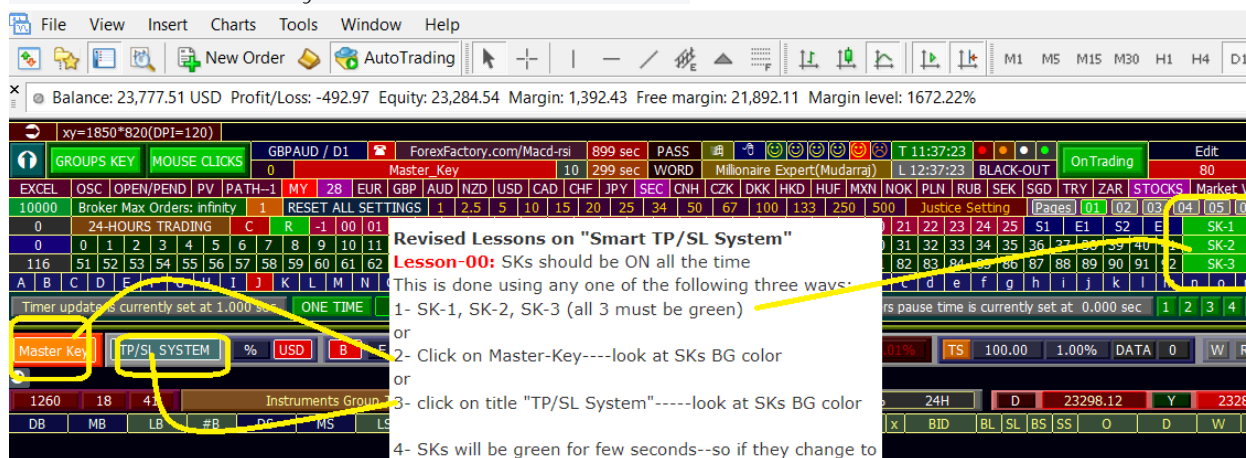
1- SK-1, SK-2, SK-3 (all 3 must be green)

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 canzcel any forward step

## 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%

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

511352733: EquitiGroup-Demo - Demo Account - [GBPAUD,Daily]

Balance: 23,778.58 USD Profit/Loss: -843.86 Equity: 22,934.72 Margin: 1,355.68 Free margin: 21,5...

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

## 3) TP and SL

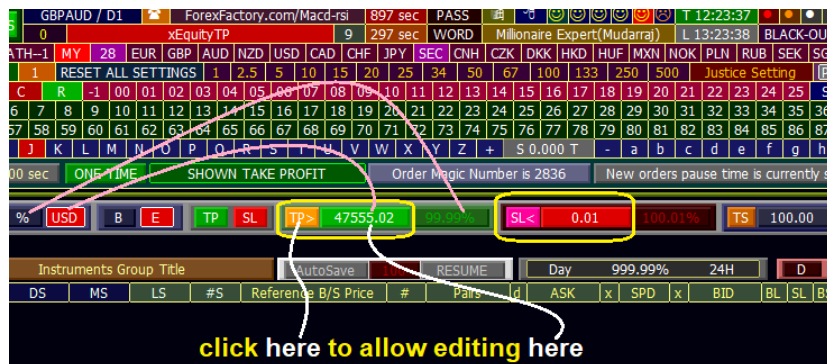
- 1- I used word "and" instead of "or" in the above title line

- 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 ewasily 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)--flasing = 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%, -- coorespodng values is 11,000--you know in advance expert will close all positions if your equity reach 11,000
- 5- immediatly flash will disppaear 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)

## 6) 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 untill 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.

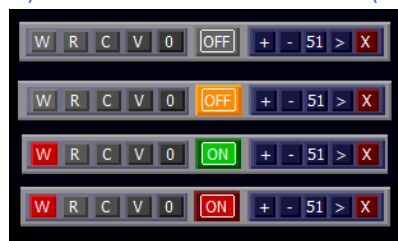
5- **V**: **R**EMOVE expert from the chart after TP/SL operates.

6- **O**: Set all variables to **zero**, deactivate all fire settings.

7- any click here will only deactivate forward button GO: ON:OFF



## 7) Lesson-07: GO button (Firing TP/SL Process)



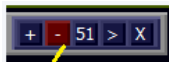
1-when you see Orange OFF button, then click on it if all previous setting are activated, except for TS which is optional.

2- SKs are required either for ON case or even for OFF case.

3- ON state will flash Green/Red

## 8) 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 profitss 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.



**Lopuch  
suggestion**

## 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

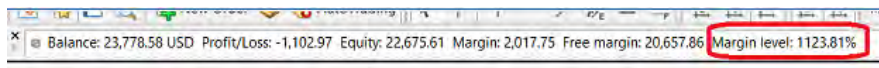
If possible open threee demoms on 3 terminals,,, choose near values, manulay try 100 lot postions to hasten invertigation process

do not behave in stupid way and wait 5 hours!

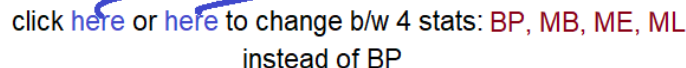
## 24- TP/SL Based Margin Level

### 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 pciture;



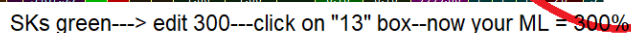
2- click on BP button, and look at its content untill you see "ML"



BP = ByPass = ignore any trading math restraints

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.

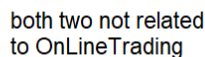


mohamadmd: YES, and there are 4 possible color for each button of "**11**", "**12**" or "**13**". and all three buttons follow the same rule in ON state or OFF state.

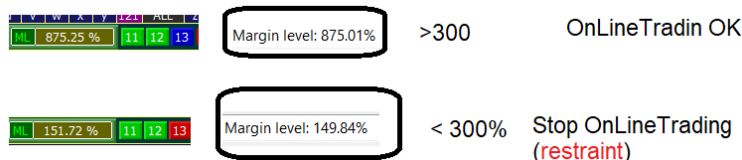
look at picture: 4 possible colors--first two just future indication of what will happen if you choose ML mode

but the most important blue and red

case one: mode is not ML : Green or Orange



case one: mode is ML : Blue or Red

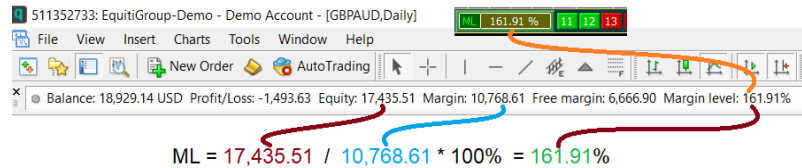


**maziarb:** you mean when "13" is red, no more positions will be opened even if all other conditions are satisfied

**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



## 2) Some of user Trading Math-Restrains 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"

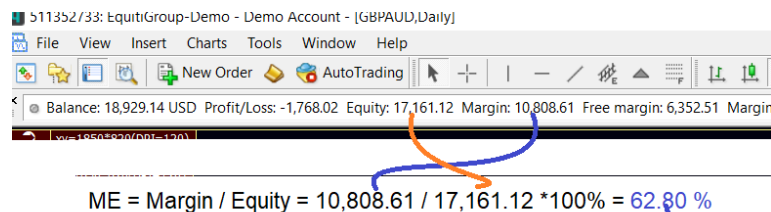
Be careful, by simple logic, the max possible value that our mind can imagine is 100% = FULL MARGIN

In realtime, this value can not be greater than 100% except when your free margin gets negative.  
follow the same steps in post 2952:

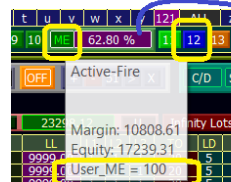
--1- select button ME---click on untill you see ME

--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.



USER-ME=100=FULL MARGIN



62.8 < 100  
trading allowed  
BLUE

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

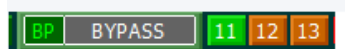
## 3) Some of user Trading Math-Restrains On Trading-2: Margin/Balance %

**zreboo:** and if you want to guage 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-Restrains

----- 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

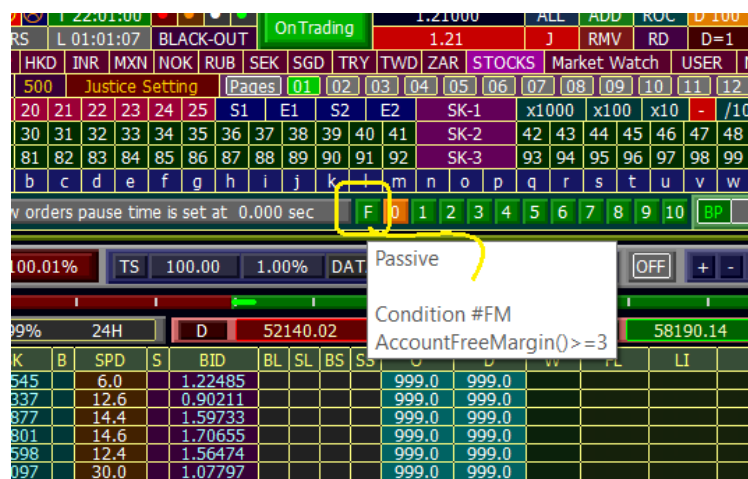
for example ML--user Level is 1000%--stop trading

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)

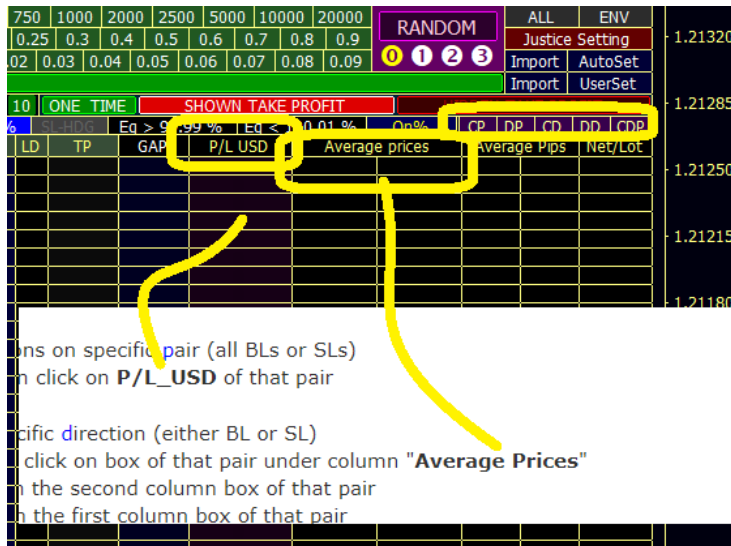
Red: free margin is negative (<3)



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

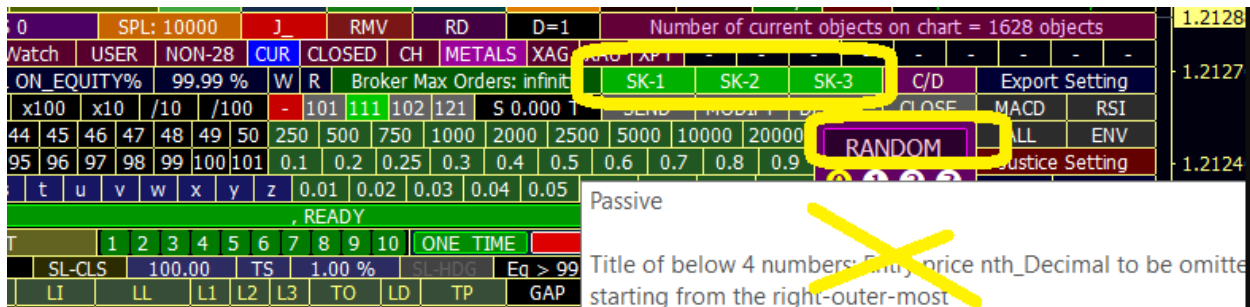
sorry there are small matter lift: about **expert-quick-scripts**

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
- 2-** I want to **delete** all postions on specific **pair** (all BLS,SLs)  
-----answer---- click on **DP** box, then click on **P/L\_USD** of that pair
- 3-** I want to **close** and **delete** all postions on specific **pair** (all BLs or SLs)  
-----answer---- click on **CDP** box, then click on **P/L\_USD** of that pair
- 4-** I want to **close** the postions on specific **direction** (either BL or SL)  
-----answer---- click on **CD** box, then click on box of that pair under column "**Average Prices**"  
----- For Sell click on the second column box of that pair  
----- For Buy click on the first column box of that pair
- 5-** I want to **delete** the pending postions on specific **direction** (either BL or SL)  
-----answer---- click on **DD** box, then click on box of that pair under column "**Average Prices**"  
----- For Sell click on the second column box of that pair  
----- For Buy click on the first column box of that pair

## 26- RANDOM Entries for the 6 types

### **RANDOM** box



i add for Swaddee beautiful box called RANDOM

here you need to test delete close etc.... so you need many orders open or pending to test on them

do you enter manually?

100 trades manually??

you can

of course you can not

do not worry it will ork on demo only, other expert boxes /demo/life

but random on demo only

why randm?

1- it will enter a total order number with random value.

2- it will select pair randomly

3- entry price of pending orders will be random

4- lot of each order will be random

5- type of order will be random

6-everything is random

please all click as follows:

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





PAIRS		999999999.99		Day	999.99%	24H
Reference B/S Price		Pairs		ASK	SPD	RID
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

The screenshot shows the ForexFactory.com Macd-rsi tool for the GBP/JPY pair. The top bar displays the currency pair, time zones (T 07:18:39, L 13:18:39), and a 'Click here' button. The main area displays a table of data points for GBP/JPY, including MACD, RSI, and various price levels. A yellow box highlights the 'Reference B/S Price' column, and a blue arrow points to the 'Click here' button.

GBP/JPY	MACD	RSI	Reference B/S Price	SPD	BID	BL	SL	BS	SS	O
104.044	104.056	1	USDJPY	104.078	0.0	104.078				1.0
125.965	125.961	2	EURJPY	126.093	0.1	126.092				1.0
138.968	138.960	3	GBPJPY	138.949	0.7	138.942				1.0
77.175	77.173	4	AUDJPY	77.277	0.3	77.274				1.0
73.181	73.176	5	NZDJPY	73.266	0.6	73.260				1.0
81.299	81.295	6	CADJPY	81.385	0.3	81.382				1.0
116.759	116.751	7	CHFJPY	116.829	1.0	116.819				1.0

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)

GBPCAD / M15														
ForexFactory.com/Macd-rsi 111 sec														
SY_XOFFSET 10 DPI = 96 Mill														
EXCEL	OPEN/PEND	PV	PATH-1	MY	28	EUR	GBP	AUD	NZD	USD	CAD			
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	Pg-13	Pg-14
34	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	10	11	12	13
10000	51	52	53	54	55	56	57	58	59	60	61	62	63	64
Timer update is currently set at 2.000 sec														
GBPJPY #R_BL_003 000138.858 0011 000 0.03 SET														
9788	110	-99999.99				JPY 7 MAJOR PAIRS								
DB	MB	LB	#B	DS	MS	LS	#S	Referent						
2.4				-1.2	-2.7			104.044						
11.7	-1.1	0.04	4	-11.9	-13.6	0.24	13	125.965						
0.5	-15.2	0.18	11	-0.5	-5.4	0.07	6	138.968						
10.0	-0.4			-9.8	-11.6			77.175						
7.5	-6.6			-7.5	-9.8			73.181						
8.7	0.8			8.6	0.4			81.200						

T 07:25:03 L 13:25:03														
BLACK-OUT PipValue 3.07491 NET LOTS 0.32 SPL: 10000 #R RMV RD D=1														
Number of current objects														
44.99	N	U	1	2.5	5	10	15	20	25	34	50	67	100	133
3	14	15	16	17	18	19	20	21	22	23	24	25	S1	E1
3	24	25	26	27	28	29	30	31	32	33	34	35	36	37
4	75	76	77	78	79	80	81	82	83	84	85	86	87	88
orders pause time is currently set at: 0.000 sec														
#R_BL_003 000138.932 0001 000, READY														
34	0.53	0.03	EURJPY #R_SL_002 000126.091 0013 000				1	2	3	4	5	6	7	8
0.99	Day	999.99%	24H	OnEquity	Eq > 299.20	Eq < 0.01	SL-CLS	100.00	TS	1.00 %	LD	TP	GAP	P/L USD
PY	104.068	0.0	104.068		1.0	1.0	0.01	0.01	9999.00	1	1	1	20	5
PY	126.083	0.3	126.080		1.0	1.0	0.01	0.01	9999.00	1	1	1	20	5
PY	138.967	0.8	138.959		1.0	1.0	0.01	0.01	9999.00	1	1	1	20	5
PY	77.274	0.4	77.270		1.0	1.0	0.01	0.01	9999.00	1	1	1	20	5
PY	73.255	0.4	73.251		1.0	1.0	0.01	0.01	9999.00	1	1	1	20	5
PY	81.386	0.5	81.381		1.0	1.0	0.01	0.01	9999.00	1	1	1	20	5
PY	116.816	0.8	116.808		1.0	1.0	0.01	0.01	9999.00	1	1	1	20	5

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 exsisting 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 aer 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.

**realy 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 veipoint and then fron programming point of veiw, 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 possiblem but may pose some confusion!

better solution is that immediatly when select Vietnamese system-- **program enforce every thing to be on terminal mode.**

### 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**

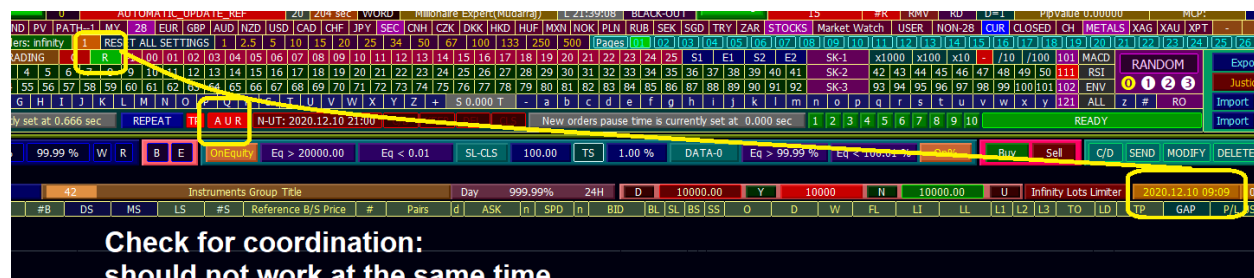
also you can use format yyyy.mm.dd

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.

## 29- Trading Online with three modes:

### 1) ONE-TIME mode

- a. Shown TP
- b. Hidden TP

### 2) REPETITION mode

- a. Shown TP--Non-Referencing
- b. REPETITION mode--- Hidden TP--Non-Referencing
- c. REPETITION mode--- Shown TP--AUTO-Referencing with 4 options
- d. REPETITION mode--- Hidden TP--AUTO-Referencing with 4 options

### 3) Ref Hour R and Repetition Mode

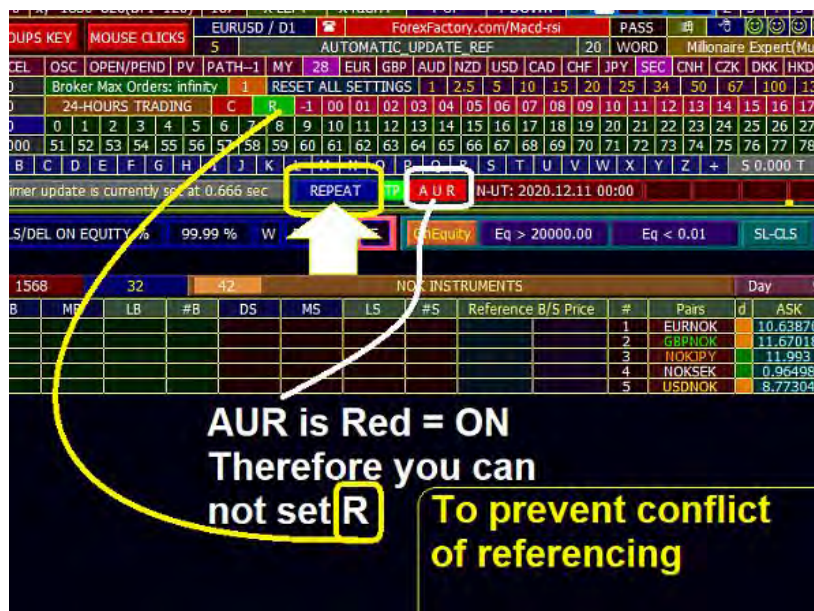
Ref Hour R and REPETITION MODE

If you set R at specific hour let us say 13:00,  
then you are trading using REPETITION MODE:

1-- If AUR is OFF, then no change to R-Hour

2-- but if AUR is ON "RED" -- expert will immediately reject your R-Hour

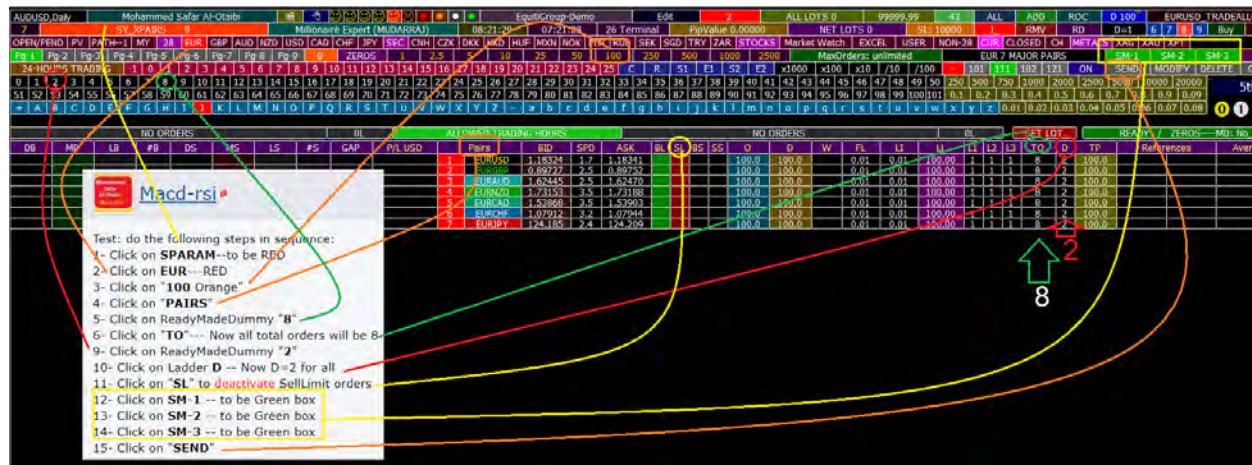
If you try to set R again, you can not. expert **reject** always



## 30- 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	USDCHE	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**

## 31- Trading Hours Allowed

T 12:16:32	L 18:16:32
------------	------------

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

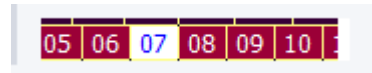
24-HOURS TRADING	C	R	-1	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	S1	E1	S2	E2
------------------	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

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**



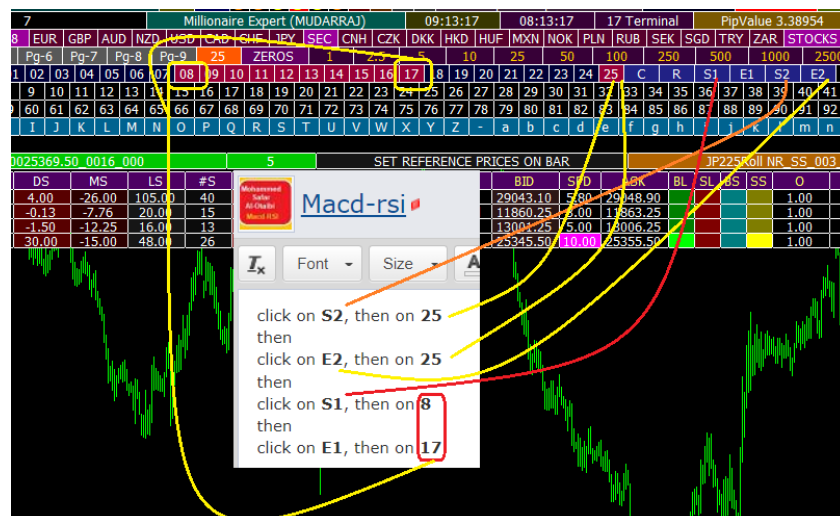
- 6- C-hour original color is Red with white text. like this 09 , out-of-trading-hours  
 -if C-hour within the allowed-trading hours, Red box with dark Red text, like this 09  
 7- if C-hour is the same as R-hour, out-of-trading-hours, box color is magenta color, with white text.  
 like case shown 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:



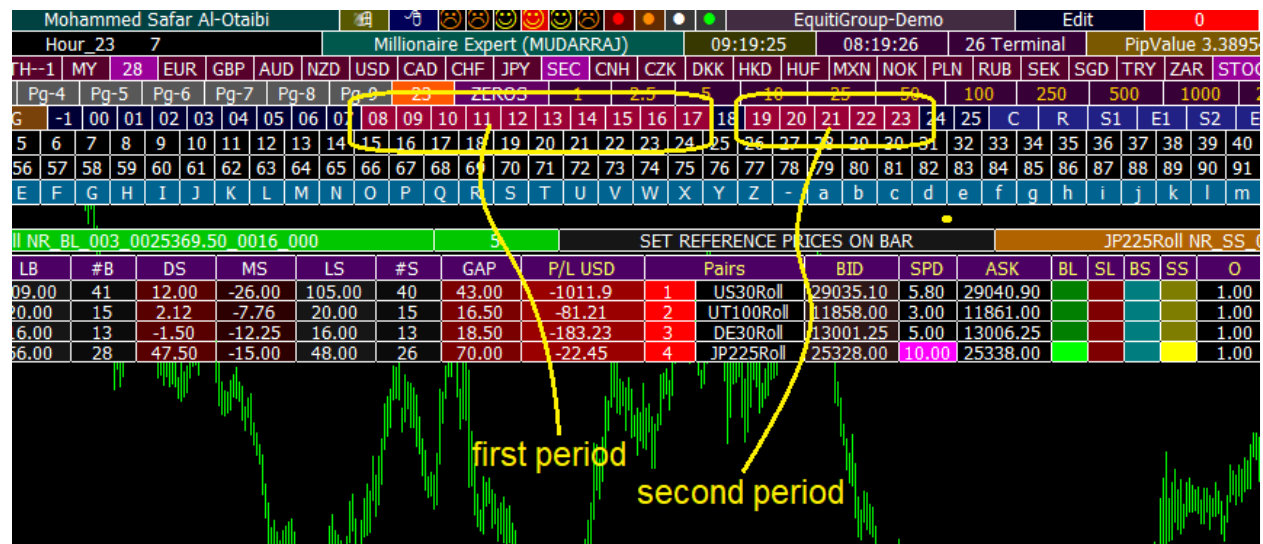
- 9- no more, only 8 possible cases  
 10- if C-hour is the same as R-hour, expert will close first then reference. the whole process may take 30 seconds of you have around 100 open positions.  
 11- in C-hour, no pending orders will be deleted.  
 12- you have the ability to determine 2 periods for 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 possibility 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.

pleaase try:

$$S1 = -1$$
$$E1 = 4$$

S2=21

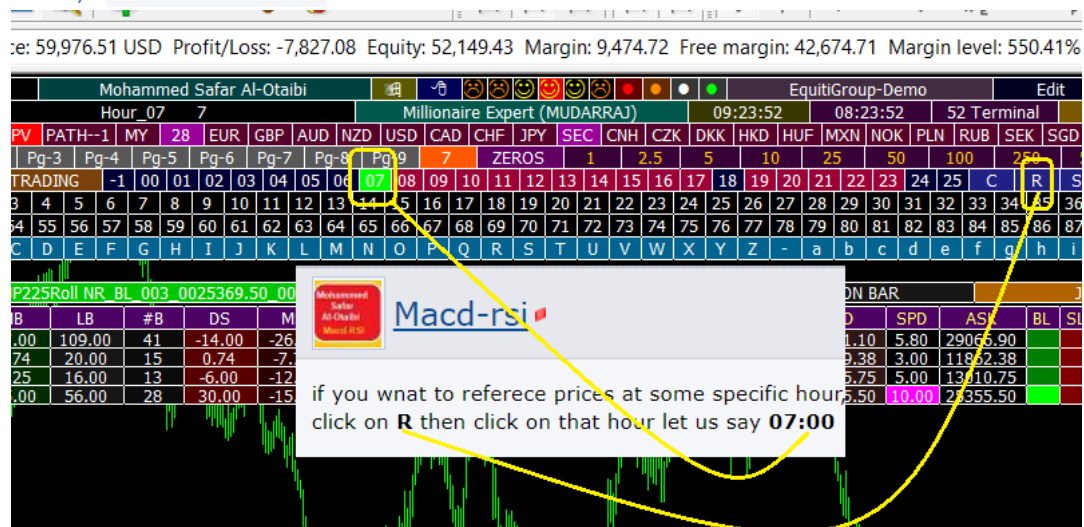
E2=25

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

9,976.51 USD Profit/Loss: -8,379.54 Equity: 51,596.97 Margin: 9,474.72 Free margin: 42,122.25 Margin level: 544.58%

Mohammed Safar Al-Otaibi Millionaire Expert (MUDARRAJ) 09:27:10 08:27:10 10 Terminal PipValue

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 ZA

03 Pg-4 Pg-5 Pg-6 Pg-7 Pg-8 Pg-9 5 ZEROS 1 2.5 5 10 25 50 100 250 500 1000

DING -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 C R S1 E1

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

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

D E F G H I J K L M N O P Q R S T U V W X Y Z - a b c d e f g h i j k

Macd-rsi

if due to some reason you want to close all positions simply click on C box then click on 5 box.

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

Pg-1 Pg-2 Pg-3 Pg-4 Pg-5 Pg-6 Pg-7 Pg-8 Pg-9 -1 ZEROS 1 2.5 5 10 20 25 50 100 250 500 1000

24-HOURS TRADING 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 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 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 93 94 95 96 97 98 99 100

Macd-rsi

NEXT LESSON:  
**24-HOURS-TRADING box**  
iam is to allow trading for 24 hours, cancel S1,S2,E1,E2 values,  
unfortunately i forget to add live to this box-- **this minor error** will be  
now if you click on it, nothing will change.

**24-HOURS-TRADING box**

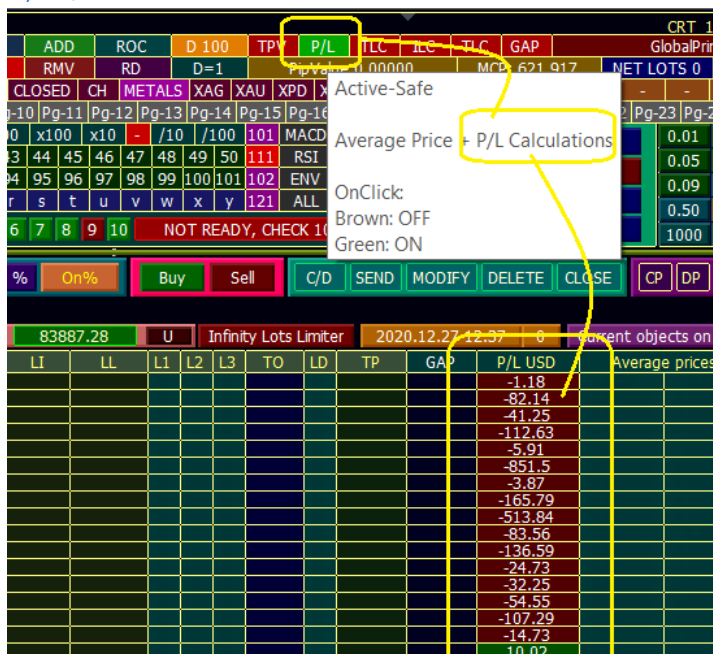
iam is to allow trading for 24 hours, cancel S1,S2,E1,E2 values,

## 32- Forex Basic Math Rules

## 33- Mathematical Calculation Boxes



### 1) P/L



**avgP box:** Show values on P/\_USD Columns.

**Reason:** may make expert a little bit slower if ON.

**Recommendation:** use it when necessary.

**ME:** I use it all the time.

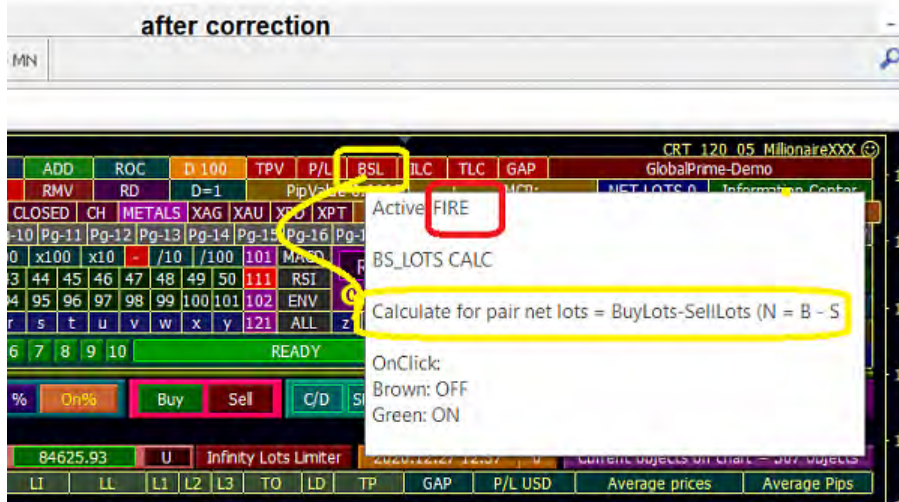
**Feature:** if you deactivate, the last values before deactivation will remain in the column.

**Hints:** Box title will be changed from avgP to P/L.

current version:



## 2) BSL - Buy-Sell Lots (Active-Fire)



**BSL box:** Calculate the net lots for each pair on the dashboard. (**FIRE** box)

**Reason:** may make expert a little bit slower if ON.

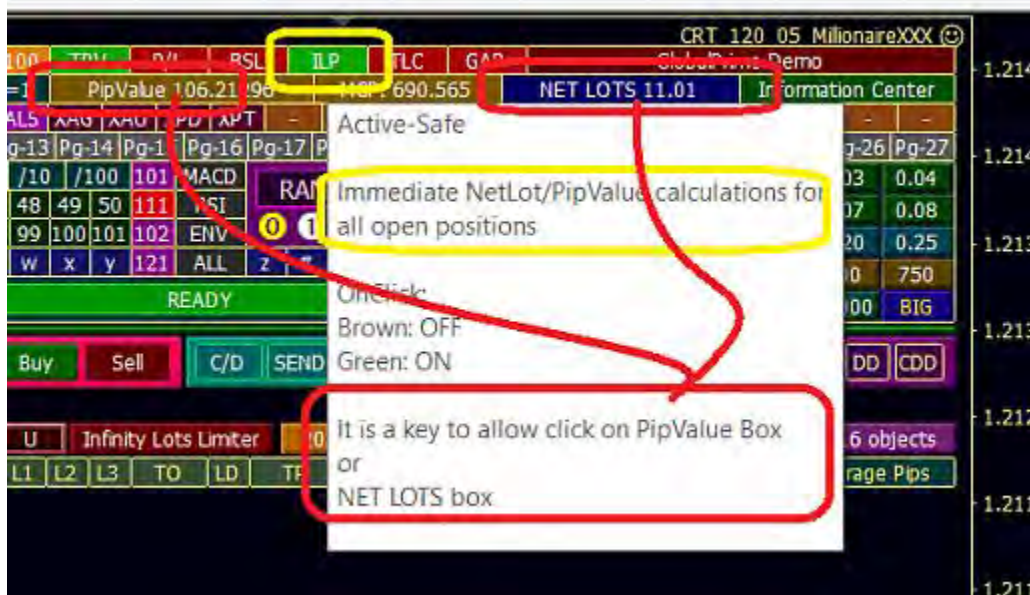
**Recommendation:** use it when you understand its role.

**ME:** I use it sometimes.

**Feature:** assume your free margin is negative, and you have 5 lots buy on EURUSD, and now a new SELL entry. what should the expert do? depends on you, since you can hedge EURUSD up to 5 lots SELL, you can enter SELL even if margin is negative or most of the brokers.

**Hints:** Box title will be changed from **TLC** to **BSL**. + it is fire box. fire = related to online trading

## 3) ILP – Immediate NetLot and PipValue Calculations



**ILP box:** it is a script, not expert. calculate all account netLots and total pipValue upon request.

**Reason:** may make expert a little bit slower if ON.

**Recommendation:** No recommendation, it is just a script.

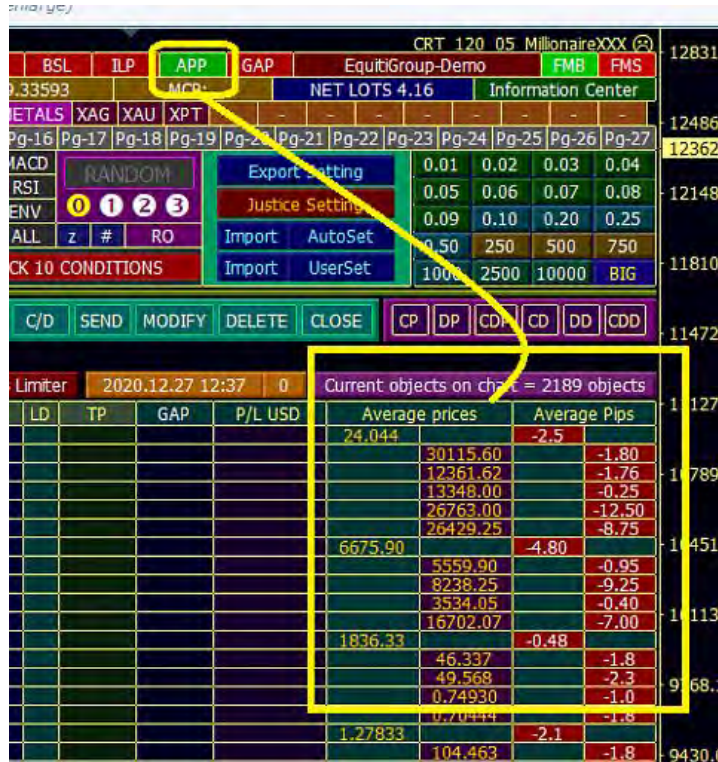
**ME:** I use it upon my desire.



**Feature:** none.

**Hints:** Box title will be changed from **ILC** to **ILP**.

#### 4) APP – Average Prices/ Pips



**APP box:** calculate for average prices in both directions separately, and calculate profit or loss in pips for each pair on dashboard.

**Reason:** may make expert a little bit slower if ON.

**Recommendation:** upto you--it is not affecting online trading in any way. It is just a calculation.

**ME:** I use it sometimes especially under "SHOW\_ALL" box.

**Feature:** knowing average prices for huge number of orders, make your trading conception better.

**Hints:** Box title will be changed from **TLC** to **APP**.

## 5) GAP



**GAP box:** Show difference b/w MS and MB, which is actually the extreme range since your last click on any one of referencing prices boxes, or auto referencing.

**Reason:** may make expert a little bit slower if ON.

**Recommendation:** no recommendation, you decide.

**ME:** I use it sometimes.

**Feature:** Know the range since referencing.

**Hints:** values are shown the [absolute](#) value, since it is a mere distance.

## 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 descpion in post # 3872 picture.

## #Post 3827

Sacreron: please in doc, add it as "[Oracheal](#)-case"---**name is corrected in the code.**  
racheal-case **is**: the contradictiob b/w broker database and broke actual run-time process  
expert when recieve racheal message, immediatly deactivate the pair.

i will check for other possible broke stupid errors, like **MIN\_LOT**

The screenshot shows a trading terminal window titled "6824024: Exness-Trial - Demo Account - [CADCHF,M30]". The terminal displays a message log with the following entries:

- 2021.01.04 23:56:29.613 108\_EngYahia\_SAR\_RSL\_GRID CADCHF,M30: ---RACHEAL CASE---BL LastError = 133 XRPUSDm
- 2021.01.04 23:56:27.582 108\_EngYahia\_SAR\_RSL\_GRID CADCHF,M30: -----SL LastError = 133 XRPUSDm
- 2021.01.04 23:56:25.645 108\_EngYahia\_SAR\_RSL\_GRID CADCHF,M30: -----SL LastError = 133 XRPUSDm
- 2021.01.04 23:56:20.349 Automated trading enabled

Below the message log, the text "RACHEAL-CASE" is written in red. The terminal also shows a list of trading pairs and their status. The "Crypto\_group" section is highlighted, showing various pairs like BTCUSDm, ETHUSDm, and others. The status of the pairs is indicated by green and red cells. The text "EXPERT automatically make this pair OFF" is written in yellow at the bottom of the screenshot.

thank you brother[Oracheal](#)

therefore message **will not be repeated each time**, since the pair is "**de-activated**"

Mucky: Some developer reported regarding error 133 also:

... conclude that slippage has a maximum allowed by broker and you should not exceed this limit

Macd: another error with exness is error **131**---MinimumLot

in thier stupid data base min lot is 0.01---therefore dashboard accept this value  
but

in thie runtime, min lot allowed is 0.10 not 0.01 !!



The screenshot displays a trading platform interface with several error messages at the top:

- EngYahia\_SAR\_RSI\_GRID CADCHFm,M30: open #29900292 / sell 0.01 BTCJPYM at 324608 / 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 table lists error codes and descriptions:

Error Code	Description
129	ERR_INVALID_PRICE
130	ERR_INVALID_STOPS
131	ERR_INVALID_TRADE_VOLUME
132	ERR_MARKET_CLOSED

The 'ERR\_INVALID\_TRADE\_VOLUME' error (131) is highlighted with a red box. A red arrow points from this error to the 'ETHUSDm contract specification' window, which is also highlighted with a red box. The window shows various settings for the contract, including 'Margin calculation mode', 'Margin initial', 'Margin maintenance', 'Margin hedge', 'Margin percentage', 'Trade', 'Execution', 'CTC mode', 'Minimal volume', and 'Maximal volume'.

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_F ADCHFm.M30: ----Oracheal CASE-----BL LastError = 131 BCHUSDm
2021.01.05 00:31:24.612	Expert 108_EngYahia_SAR_F ADCHFm.M30: ----Oracheal CASE-----BL LastError = 133 XRPUSDm
2021.01.05 00:29:26.002	Expert 108_EngYahia_SAR_F ADCHFm.M30: ----Oracheal CASE-----BL LastError = 131 LTCUSDm
2021.01.05 00:29:25.940	Expert 108_EngYahia_SAR_F ADCHFm.M30: ----Oracheal CASE-----BL LastError = 131 ETHUSDm
2021.01.05 00:28:26.178	Expert 108_EngYahia_SAR_F

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 Column

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+1;xd=xd-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]=="136") clr=c"255,255,0";
}

```

#S	Reference B/S Price	#	Pairs	SL	SPL	d	ASK	B	SPD	S
0	482.20	1	BCHUSDm	999.00	493.60	1.86				
1	37860.25	2	BTCPYm	999.00	37665.06	100.94				
2	40385.064	3	BTORWm	999.000	40147.504	144.656				
3	14485.392	4	BTQUSDm	999.00	14300.45	171.92				
4	1228.16	5	ETHUSDm	999.00	1237.13	4.34				
5	142.52	6	LTCUSDm	999.0	149.47	15.2				
6	0.28540	7	XRPUSDm	999.0	0.28465	21.6				

Passive XRPUSDm  
Error Code # 133

Passive XRPUSDm  
Error Code # 133  
trade is disabled

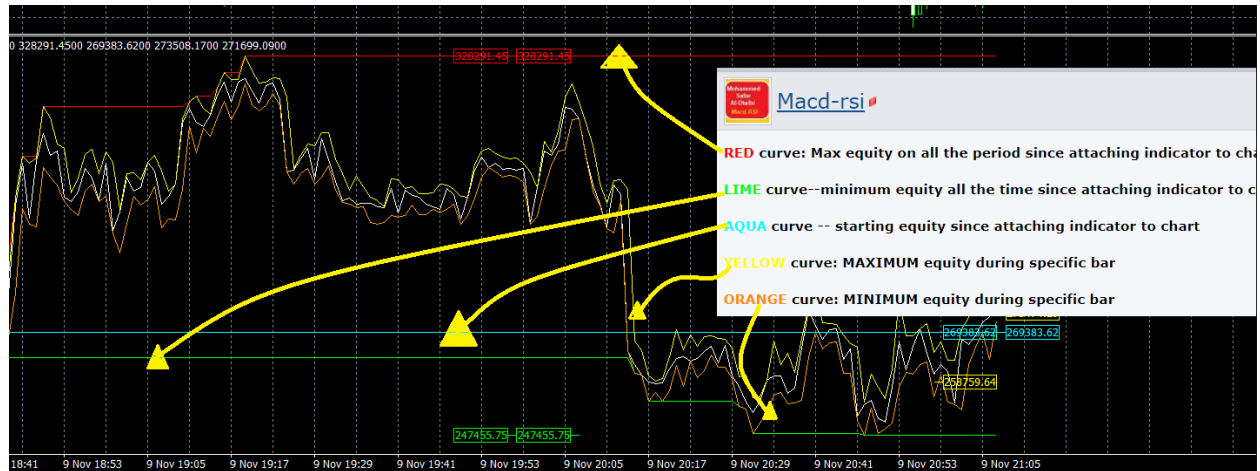
error **description** also has been added to tooltips

## 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  $50 \times 28 \text{ pairs} \times 9 \text{ frames} = \text{about } 1400$

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.

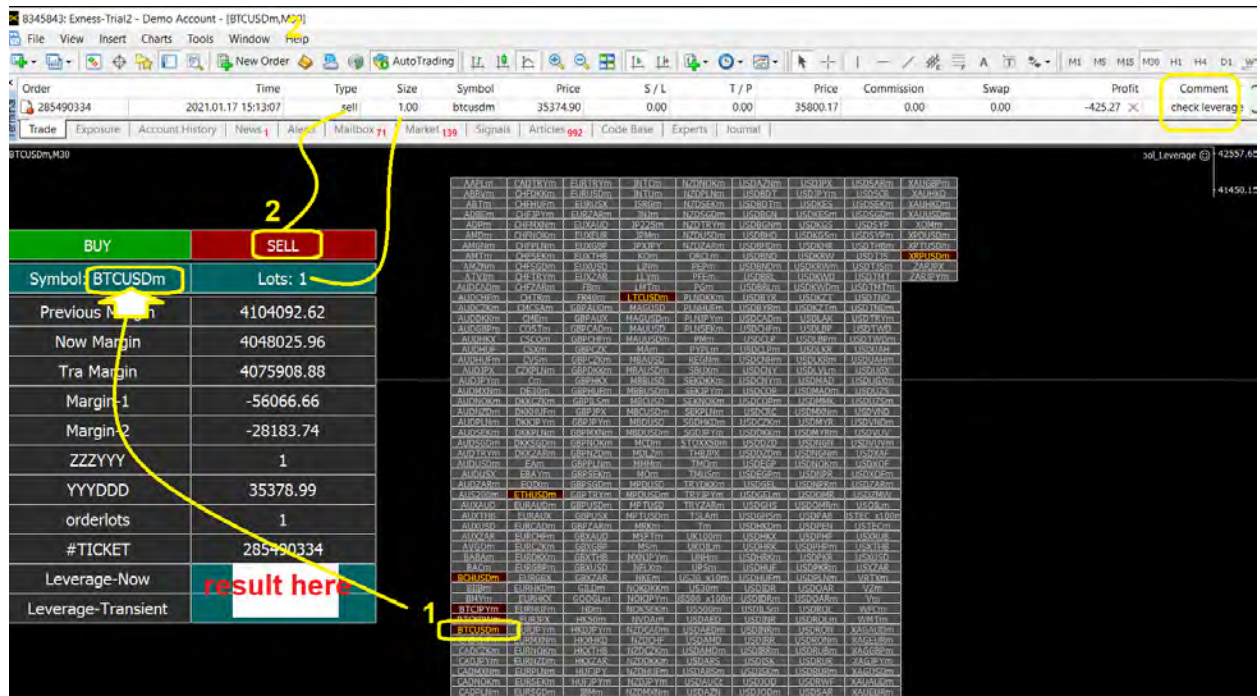
also before using TeckExpert--- this expert at least one time must be used

511345608: EquitiGroup-Demo - Demo Account - [EURAUD,Daily]

Balance: 30,448.78 USD Profit/Loss: 2,619.47 Equity: 33,068.25 Margin: 25,917.92 Free margin: 7,150.33 Margin level: 155%

#	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	GBPCAD	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 Franc 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 Design Equations

<https://www.forexfactory.com/thread/1018689-all-in-all-my-experience>

To trade well:

- 1- you should know symbols
- 2- you should know forex math basic rules
- 3- you should know how to pick up the best available broker
- 4- you should master technical analysis
- 5- you show experience as much as possible technical analysis "news events"
- 6- you should acquaint what is going in the world

#### **A- Symbols used:**

YYY: Base currency

XXX: Quote currency

DDD: Dominating or your account currency.

ZZZ: (non-currency instrument value, like gold, oil, indicators, stocks, etc..) value

CZ: 1 lot contract size

R: Leverage

S: Stop-out-level

B: your balance or equity

M: Reserved Margin

I: inverse pips

Ip: profit pips

Lots: given or calculated lots

SP: Spread

P/L: Profit/Loss of your single position

Pe: Entry price

Pi: exit price

d: price digits after decimal

r: number of digits deleted from digits after decimal

hence:

1- for currencies  $ZZZ=YYY$ , therefore  **$ZZZYYY = 1$**

2- for non-currency instruments,  $YYY=XXX$ , therefore  **$YYYXXX=1$**

#### **B-Math Rules:**

## 1) B-1: Basic Rules

قانون حساب المارجن M

$$M = \frac{CZ}{R} * ZZZYYY * YYDDD * Lots$$

قانون حساب قيمة النقطة

$$pipValue = \frac{CZ}{10^{d-r}} * XXXDDD * Lots$$

قانون حساب الربح او الخسارة بمعرفة النقاط

$$P/L = \frac{CZ}{10^{d-r}} * XXXDDD * Lots * I_p$$

قانون حساب الربح او الخسارة بمعرفة الفرق السعري

$$P/L = CZ * XXXDDD * (Pe - Pi) * Lots$$

### a) Margin example: M

#Post 769

assume I have an account with only 300 USD.

I decided to enter either GBPUSD or USDCHF---- with 0.27 Lots??

**what is the reserved margin in each case?**

will be proved **1)** using paper and pin---then through **2)** demo account:

GBPNZD R = 500: 1

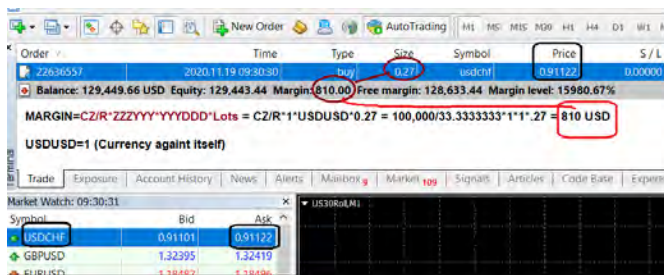
USDCHF R = 33.33333333333333: 1 😊

for USD CHF calculatio first proved that 300 USD not adequate for 0.27 lot

0.27 lot needs 810 USD -- to avoid "inedquate money"

so i go to big account to prove number through practise (math = real practise = 810 USD min req to be able to open 0.27 lot on USDCHF!)

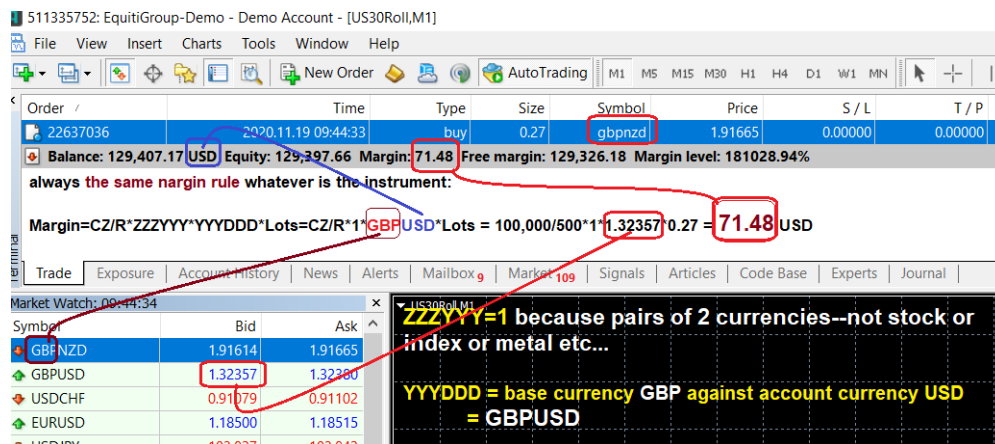
Look at pciture:



but look for GBPNZD: Margin for 0.27 is less much than 300 USD! it is 71 USD

is that clear??

Math proof on picture



#Post 2136

## How to calculate the Resreved Margin for any instrument, currencies, metals, indices, stocks etc..

Always the same rule--unique unique unique unique unique unique--any other rule is stupid people rule,  
concentrate on colors:

Swaddee: my account currency is **JPY**,,, I want to enter **GBPNZD** with **3.23** lots, my leverage is **100:1** -- what is the reserved Margin?

-----Skat: my account currency is **USD**,, I want to enter **GBPNZD** with **3.23** lots, my leverage is **100:1** -- what is the reserved Margin?

--zorafx: my account currency is **EUR**,, I want to enter **GBPNZD** with **3.23** lots, my leverage is **100:1** -- what is the reserved Margin?

## All three use the same rule:

**ReservedMargin = CS/R\*ZZZYYY\*YYYDDD\*Lots**

**Swaddee** ReservedMargin = CS/R\*ZZZYYY\*YYYDDD\*Lots = 100,000/100\*1\***GBPJPY**\*3.23 = .... (in Yen)

-----**Skat** ReservedMargin = CS/R\*ZZZYYY\*YYYDDD\*Lots = 100,000/100\*1\***GBPUSD**\*3.23 = .... (in US dollar)

--**zorafx** ReservedMargin = CS/R\*ZZZYYY\*YYYDDD\*Lots = 100,000/100\*1\***GBPEUR**\*3.23 = 100,000/100\*1\*(1/**EURGBP**)\*3.23 = ... (in EURO)

zorax can **NOT** find in his termianl pair named GBPEUR!! he finds its reciprocal EURGBP.

## Look all three use the same rule

CS: Contract size for currencies = 100,000 unit

**for currencies** ZZZYYY=1

**YYYDDD**: is **base** currency YYY in the pair against **your account currency** DDD.

## b) Leverage vs Margin

2) #Post 4682

3) **Checking real time leverage** of any instrument has been included in the expert. YOU KNOW SOME BROKERS

before Entry your margin is M1

after entry margin is M2

therefore Leverage R is:

$$R = [CS / (M2 - M1)] * ZZZYYY * YYYDDD * Lots$$

you can check this equation now:

1- open demo account.

2- record Margin--- M1=0 if no previous positions

3- open position on EURUSD for example

4-record Margin after entry

5- apply the rule:  $R = [CS / (M1 - M2)] * ZZZYYY * YYYDDD * Lots = 100,000 / (M2 - M1) * 1 * EURUSD * Lots$

#Post 4697

account leverage i guess they mean the leverage used by most pairs.

for example if equity say leverage is 400: 1, they mean the leverage of most pairs, but for CHF's leverage is 100: 3 => 33: 1

and for indices, leverage is 100: 1 or 200: 1

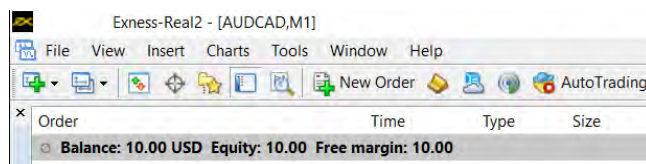
regarding that exness reduce leverage at the weekends.. that is not true--enter any position at close of friday, and check the **margin**, after market close you will see **the same margin**, with next week opening you see **the same margin** so no leverage change.

it is their stupid statement. **they phrase meaning using wrong words.**

but what is the **most decisive is the rule  $R = CS / (M2 - M1) * ZZZYYY * YYYDDD * Lots$ .**

I ask one of my buddies here to make separate live account with Exness, and only deposit 10 USD for tests. he gratefully did.

let us check **BTCUSD** real runtime leverage---believe what your eyes see, not what others say. look at picture--no positions-- Margin1 = M1 = 0 USD.





USING **DISPLAYCLICK**:

IN THIER DATABASE THEY SAY LEVERAGE IS 100:1  
let us check

The screenshot shows a trading platform interface. At the top, there's a header with 'ForexFactory.com/Macd-rsi'. Below it, a table lists various currency pairs and their status. A specific order is highlighted with a yellow box, showing 'BTCUSD' with a leverage of '100:1'. Below the table, a detailed view of the order is shown, including 'Leverage: 100:1', 'MinLot: 0.01', 'MaxLot: 20.0', 'LotStep: 0.01', '1PipValue: 0.010000000000', and '1LotMargin: 322.90'.

RUNTIME COINCIDE WITHE WHAT THEY SAY 😊

The screenshot shows a trading platform interface. At the top, there's a header with '10970639: Exness-Real2 - [BTCUSD,M1]'. Below it, a table lists various currency pairs and their status. A specific order is highlighted with a yellow box, showing 'BTCUSD' with a leverage of '100:1'. Below the table, a detailed view of the order is shown, including 'Leverage: 100:1', 'MinLot: 0.01', 'MaxLot: 20.0', 'LotStep: 0.01', '1PipValue: 0.010000000000', and '1LotMargin: 322.90'.

they truncate it here to 2 decimals

margin is 3.2275 ---- this value from thier server

M1 = 0  
M2 = 3.2275 (exact: 3.229345)  
ZZZYYY=1  
YYYYDD=32293.45  
Lots = 0.01

therefore:  $R = 1.0 / (3.2275) * 1 * 32293.45 * 0.01 = 100 = 100:1$

Deep philosophical topics about Leverage and Margin:

according to picture exact margin is **3.227480**

not **3.23**

nor **3.229345** (bictcoin price divided by leverae 100 -- multiplied by lots 0.01)

i already spoke about it 2 years ago in some arabic forums.

why in your broker book they record **3.227480**?

The screenshot shows a trading platform interface. At the top, there's a header with '10970639: Exness-Real2 - [BTCUSD,M1]'. Below it, a table lists various currency pairs and their status. A specific order is highlighted with a yellow box, showing 'BTCUSD' with a leverage of '100:1'. Below the table, a detailed view of the order is shown, including 'Leverage: 100:1', 'MinLot: 0.01', 'MaxLot: 20.0', 'LotStep: 0.01', '1PipValue: 0.010000000000', and '1LotMargin: 322.90'.

#### 4) B-2: Lots Rule

B-2: Lots rules

قانون حساب اللوات بمعرفة نقاط الأمان |

$$\text{Lots} = \frac{B}{S * \frac{CZ}{R} * ZZZYYY * YYDDDD + I * \frac{CZ}{10^{d-r}} * XXXDDDD}$$

قانون حساب اللوات للفل مارجن

$$\text{Lots} = \frac{B}{\frac{CZ}{R} * ZZZYYY * YYDDDD}$$

قانون حساب لوات التهديج على الفل مارجن

$$\text{Lots} = \frac{2B - \frac{R * B}{10^{d-r}} * SP}{\frac{CZ}{R} * ZZZYYY * YYDDDD}$$

قانون حساب لوات التهديج لضمان نقاط انعكاس معينة | بعد الدخول

$$\text{Lots2} = \frac{B * (1 - S - \frac{R}{10^{d-r}} * ZZZXXX) * (1 + 2 * SP)}{\frac{CZ}{10^{d-r}} * XXXDDDD * (1 + SP) + S * \frac{CZ}{R} * ZZZYYY * YYDDDD}$$

#### 5) B-3: Inverse Pips (I)/ Profit Pips (IP) Rules

قانون معرفة نقاط الانعكاس I بمعرفة اللوات

$$I = \frac{B - S * \frac{CZ}{R} * ZZZYYY * YYDDD * Lots}{\frac{CZ}{10^{d-r}} * XXXDDD * Lots}$$

قانون معرفة نقاط الانعكاس I للفل مارجن

$$I = (1 - S) * \frac{10^{d-r}}{R} * ZZZXXX$$

قانون معرفة نقاط مضاعفة الربح Ip للفل مارجن بمعرفة نقاط الانعكاس I

$$Ip = I + S * \frac{10^{d-r}}{R} * ZZZXXX$$

قانون معرفة نقاط نسبة ربح معين P بمعرفة اللوات

$$Ip = \frac{P * B}{\frac{CZ}{10^{d-r}} * XXXDDD * Lots}$$

## 6) B-4: Other Rules

قانون معرفة خسارة السبريد في حالة الفل مارجن

$$Loss = \frac{R * B}{10^{d-r} * ZZZXXX} * SP$$

قانون حساب المتوسط السعري لصفقات أي أداة مالية

$$avgPrice = \frac{\sum_{i=1}^{nB} PriceB_i * LotB_i - \sum_{i=1}^{nS} PriceS_i * LotsS_i}{\sum_{i=1}^{nB} LotB_i - \sum_{i=1}^{nS} LotS_i}$$

## 7) Other Risk Related Posts

#Post 2064

Meister81

Thank you! 😊 My question is about the leverage, probably it affects more people. My broker offers a leverage of 1.100. Could you propose a "safe" setting for this situation for a 18.000 € account?

I suggested the following settings which you found acceptable (would that be ok for 1:100, too or should I change something?):

BL, SL on  
O, D = 50 and 67 for GBP pairs  
FL, LI = 0.02  
LL = 5  
L1, L2, L3 = 1  
TO = 20  
LD = 5  
TP = 85

Macd-Rsi

this math problem brother,  
tell upon your last years in market: forecast who many orders will be executed? -- just estimation for two weeks--calculate on worst case of course  
worst case is -- all 28 pairs go in one direction - say  $300 * \text{PairPrice}$  pips  
then upon O and D you can estimate total orders for each pair, and subsequently associated lots--then use **unique** rule for margin

**Margin =  $CS/R * ZZZYYY * YYYDDD * \text{Lots}$ .**

it is a math problem.

**ask your self what is the max lot possible for 18,000 EUR----Leverage 100:1**

the rough rule is very simple: (rough due to pairs differ in prices -- then in thier RMargin)  
here will assume pair YYYXXX with price 1.00000  
 $\text{MaxLots} = 18,000 / (R) = 18,000 / 100 = 180 \text{ Lots}$

if your forecast much less than 180---- 100% setting is profitable

for all these question: honest answer--study math to accurately get the correct decision and know consequences in advance

TP=85 for save setting---very very very stupid take profit 😊 -- really i can not tolerate it  
it should be say 150 at least \*Pair Price  
from now and on use the language of TP = 300 or 200 or 500 pips! if you choose save setting  
this is the correct behavior of wise traders "normal people"

it is not a complex math

it is only \* + - /

look at prev equations---no since, no cosine, no integrals, no Bessel 😊 equatios

you have 18,000 ---> then your account at worst aggressive entry accpet 180 lot for pair YYYXXX, With price 1.0000

most prices a little bit above one

theredore let us say your account can tolerate upro 150 lot.

**now:**

now almost within 2 weeks 6 orders per pair

then lot :  $0.02+0.02+0.02+0.02+0.02+0.04 = 0.14$

$0.14$  for 28 pairs =  $0.14*(20+8) = 20*0.14+8*0.14 = 2.8+0.12 =$  around 3 lots

3 lots compared to 150 lots- are very very very very save

now **does it give good profits??**

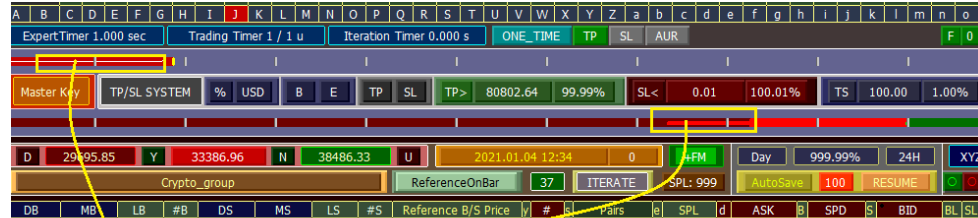
lest us say they reach on average halve of TPs -- some profit - some loss -- but average is +150 pips

$150*3*10 = 150*30 = 4500$  EUR

It is sensible profit--you can feel it in your life

## 38- Risk Sensor (Ruler)

### 1) Updated Version – TPV + Ruler



and best profit ditin the period will be recorded.



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.



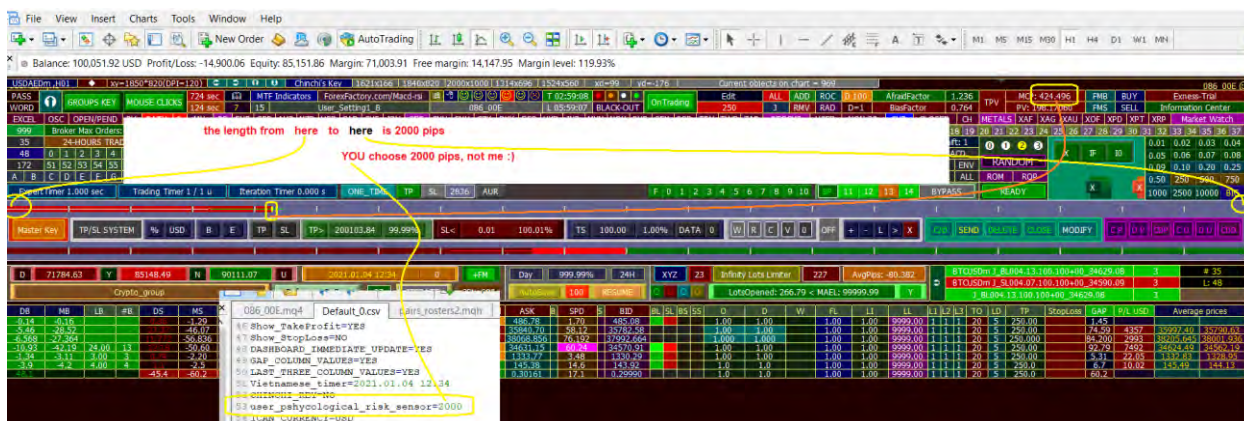
The length of risk sensor depend on **your** choice in default csv file

on picture MCP=424 pips

after 424 pips Fisir 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**

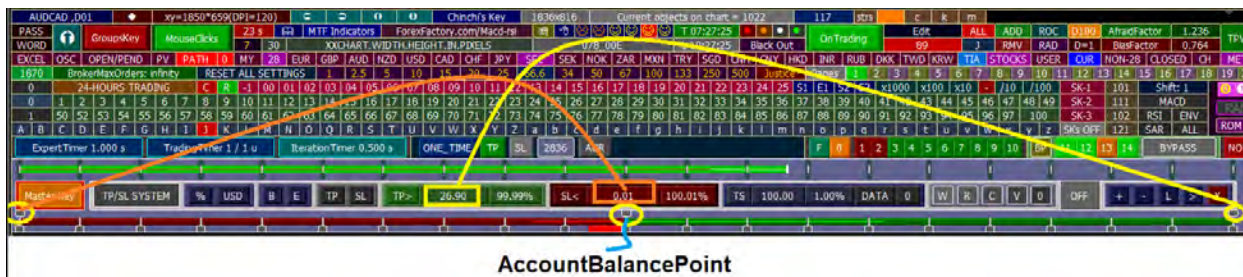
**if you want to follow herd styles like ratio 1:2 or 1:3 -- it is OK**

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 caclulation especially when trading EURUSD with USDNOK with HK50 with Gold----different type instruments

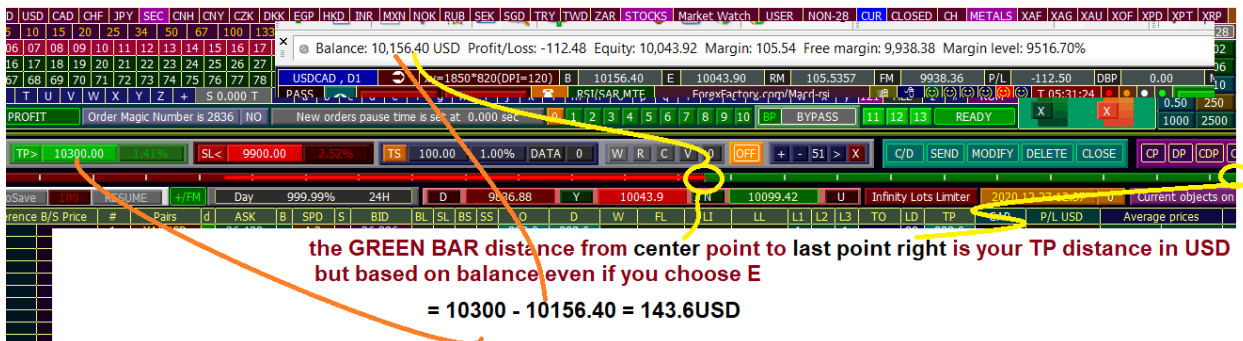
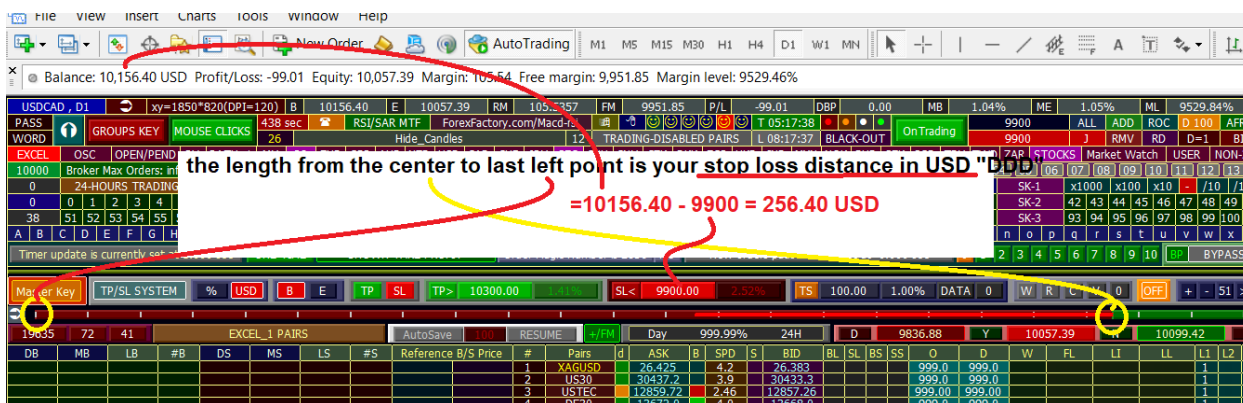
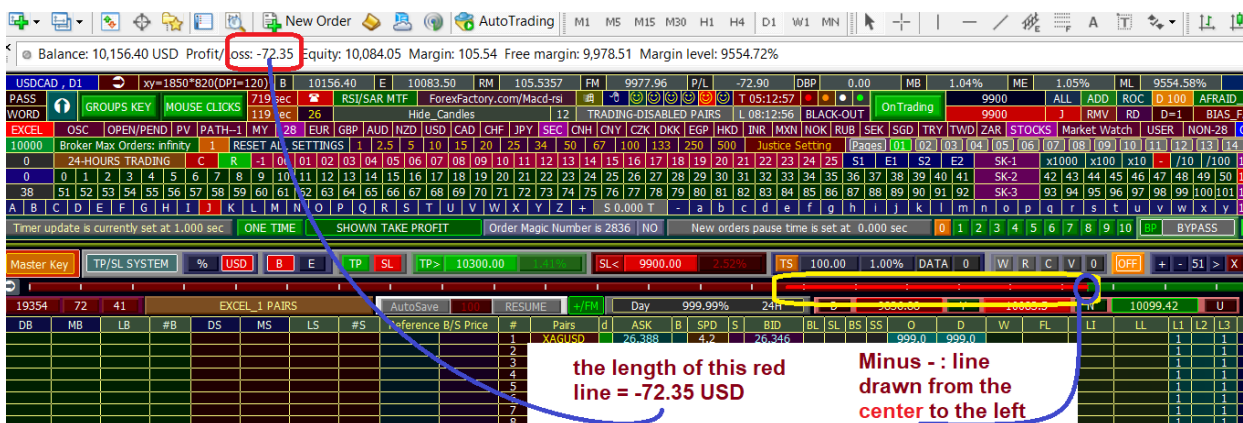
Account Balance Point

#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.

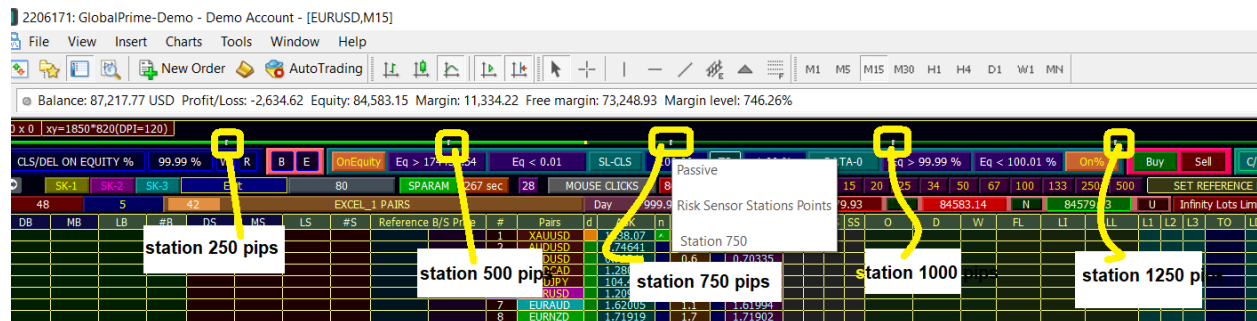
**Recommendation:** use it when necessary.

**ME:** I use it all the time.

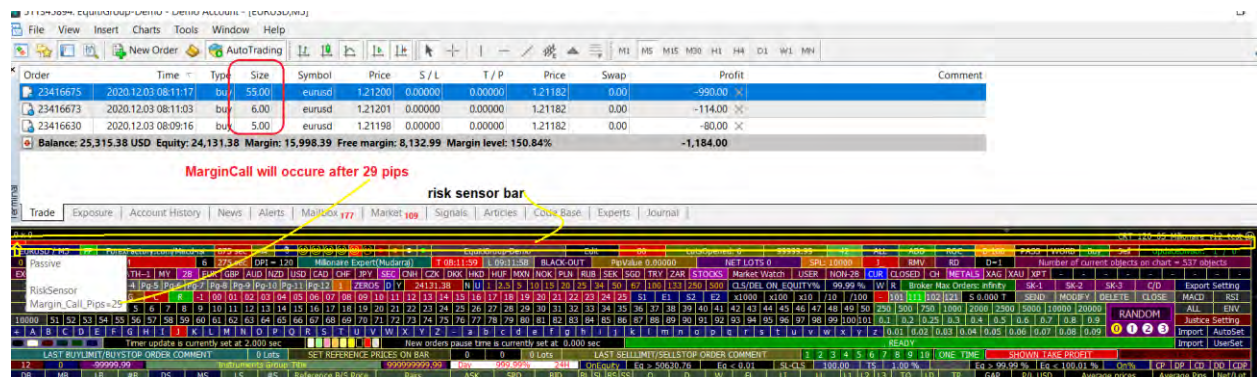
**Feature:** it is very responsive for new orders--show immediate effect. try to enter manually 10 lots and observe **immediate** response on bar.

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!!