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Ichimoku waves meter

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Ichimoku waves meter

User's Manual.

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Basic information:

Name:

- Ichimoku waves meter

Processed by:

- **Eng. Piotr Fryjewicz**

Coded by:

- **MA Piotr Storozhenko**

Indicator meant for the trading platform:

- **MetaTrader 5**

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I. Ichimoku waves meter — **Preface.**

Ichimoku waves meter is a graphic program that allows you too quickly and easily measure the proportions between indicated points on the price chart. This price and time range indicator is the basic tool for chart analysis according to Ichimoku's strategy on the MT4/5 platform. With the help of this tool, insightful and complete analysis of time waves as well as price waves becomes possible in a short time, and the effort put into performing the analysis is minimised many times compared to a similar one, carried out using the existing measurement and calculation tools in an Excel spreadsheet. The indicator was designed using the knowledge and experience of traders using the Ichimoku kinkōhyō strategy, as well as taking into account their expectations, resulting in the presented tool.

The modular structure of the indicator means that we carry out the necessary analysis in a logical order, starting with collecting measurements on the waves that are made, which are data for calculating forecast market movements in the future. The data, taken into account in the calculation of forecasts, are key to the accuracy of the scenario, which in the case of the presented indicator is a minimised activity, giving immediate measurement displayed in a graphical form on a candle chart, which can be personalised in many planes. The result can be presented as information on the chart in the form of a calculated value, e.g. pips number of candles or date of the forecast change in the market.

The construction of the indicator allows you to work on the basis of time theory as well as prices at the same time, thanks to which we get a picture confirming the convergence of waves, which confirms the accuracy of the analysis, as well as we can hide graphic or numerical information that is not of interest to us at the moment. The indicator uses Hosoda numerical values, which when recognised on the graph accentuates by graphic distinction, depending on the degree of approach to the basic numerical values, which allows the analyst to quickly draw attention

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to the emerging market situation or indicate the degree of implementation of the assumed scenario. The tool for calculating the forecasted market ranges uses the basic formulas for time wave movements as well as the prices derived by Hosoda, which results in forecast ranges, from the nearest to possibly further and further implemented ranges in a very precise range.

The work on the chart, where, apart from cycles with basic numerical values, there are also equivalent values, kakugi or jugi, is facilitated by a panel for automatic current measurements. When assessing the situation, we can also use the panel for manual measurements. The basic schemes of the theory of coverage V, N, E, NT are also supplemented with Habitual, Denying and average ranges, and with high dynamics of movement multiple of range like 2E, 3E. In addition to the presented basic functions necessary to carry out the analysis according to Ichimoku strategy, the indicator is equipped with additional functions, such as analysis of candle closures from a given period and presentation of the result of such measurement in a graphical form of so-called Kyushu legs. By analysing the cyclical nature of the market, you can also use the mirror image function.

We invite you to familiarise yourself with the detailed functionality and capabilities of the indicator described below. At the same time we wish you good analyses using the Ichimoku waves meter and fruitful operations. 😀

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II. Ichimoku waves meter — System requirements.

Required font installation: **„Webdings”.**

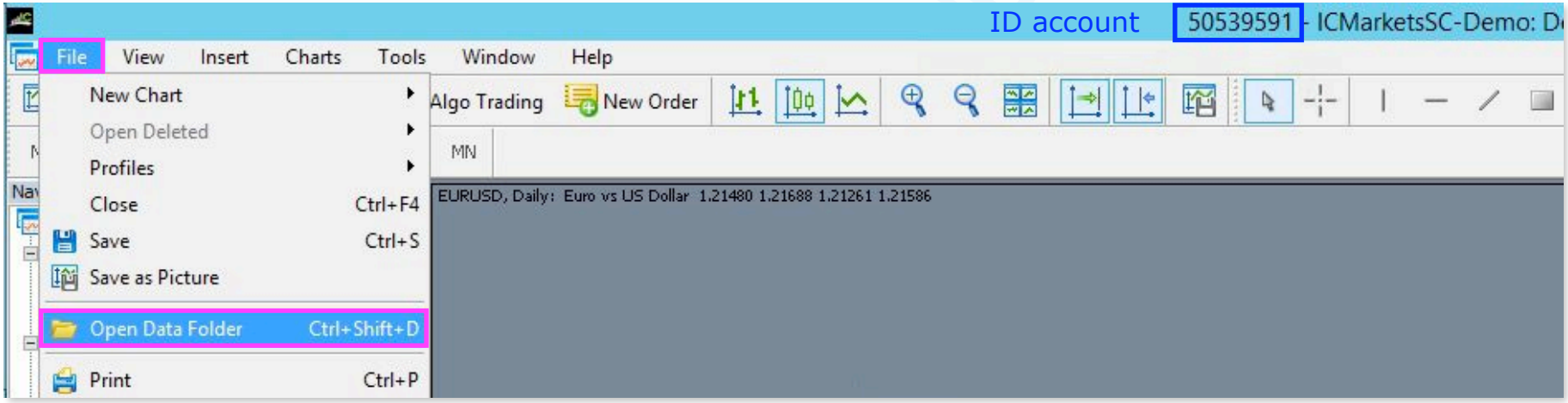
III. Ichimoku waves meter — Installing the indicator and the template on the MT5 platform.

1. Installing for the Windows systems.

Install the „Ichimoku waves meter en.ex5” file that you've received from the dealer into the: MQL5/Indicators/ catalogue (applies to desktop version).

Instal the „ichi_clean_All_TF.tpl” file into the MQL5/Profiles/Templates catalogue.

First, you need to 1 open the MT5 platform; 2 verify if it has been logged in the suitable trading account (the trading account ID for which you've bought the IWM desktop license). Next 3 choose the File tab on the left side of the upper menu bar. Finally, 4 choose Open Data Folder from the File tab menu.



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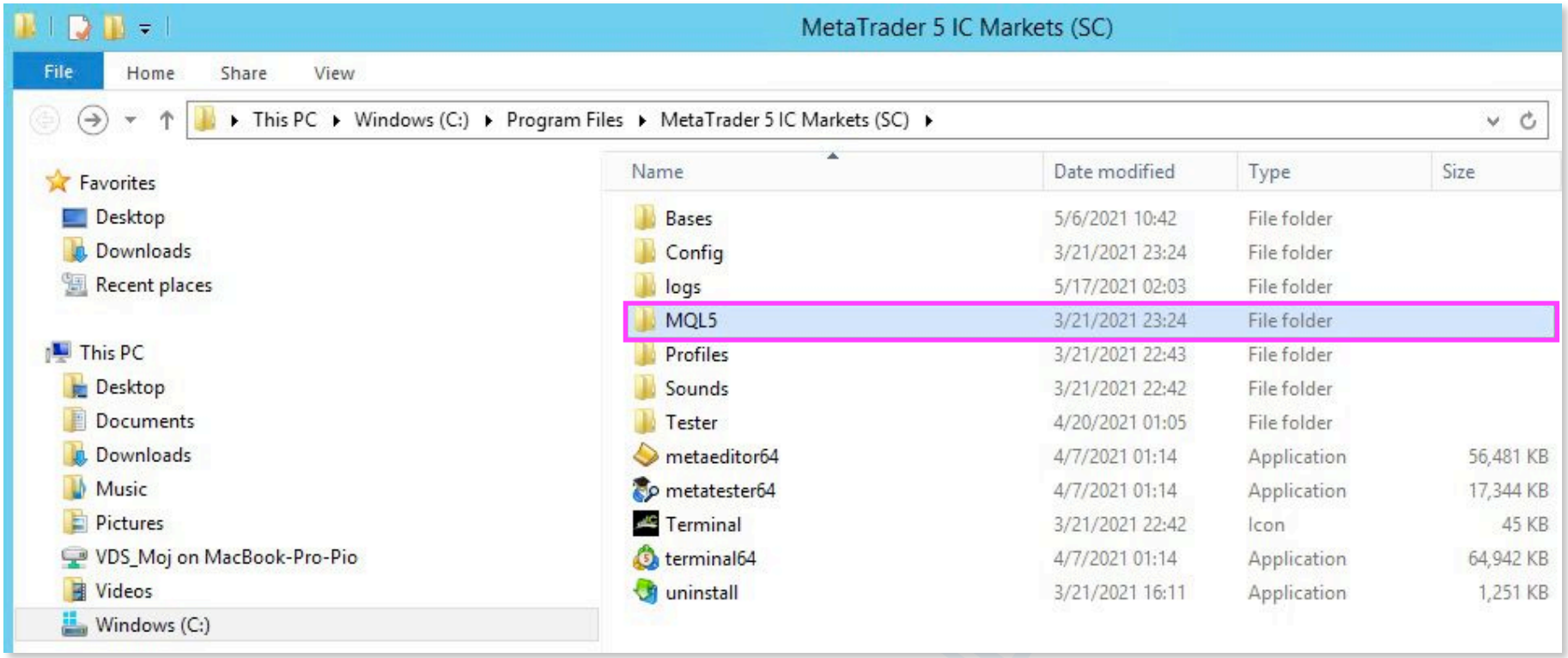
For the next step, 5 open the MQL5 folder.



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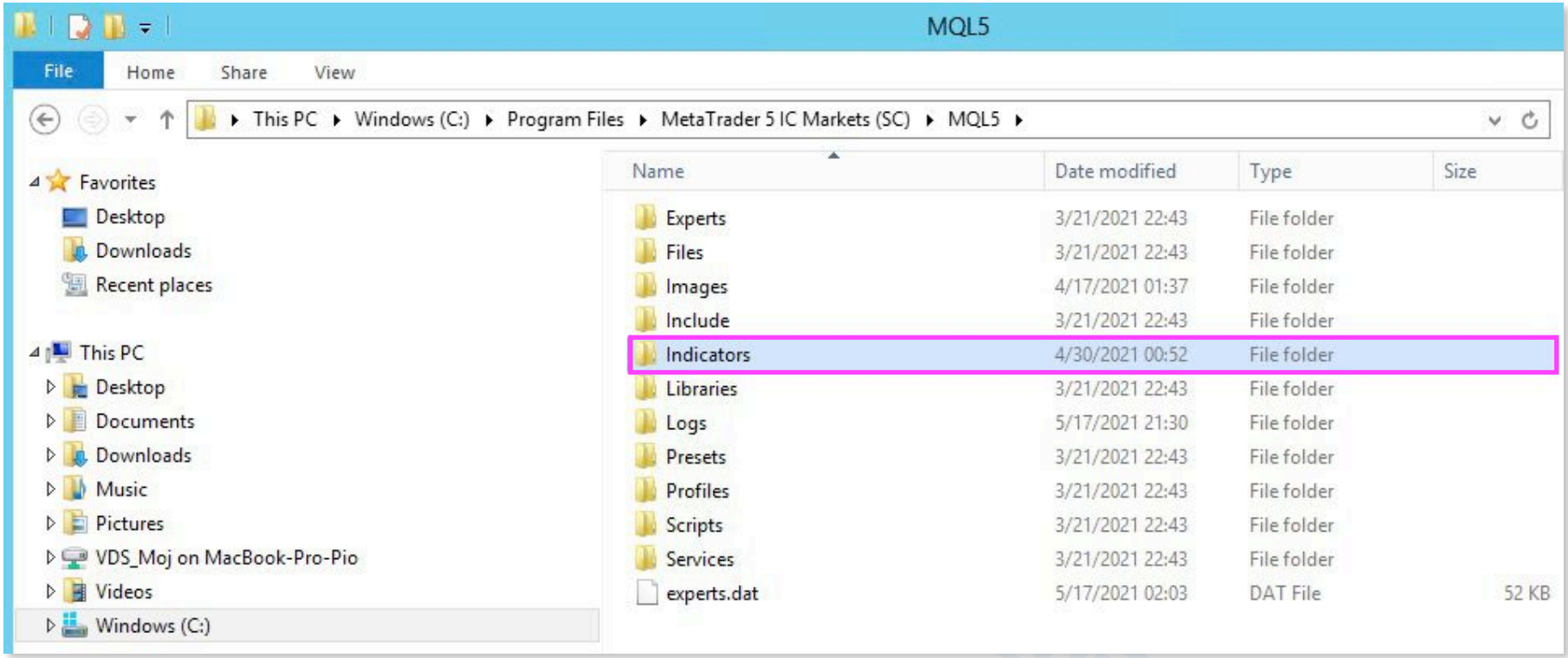
6 Open the Indicators folder.



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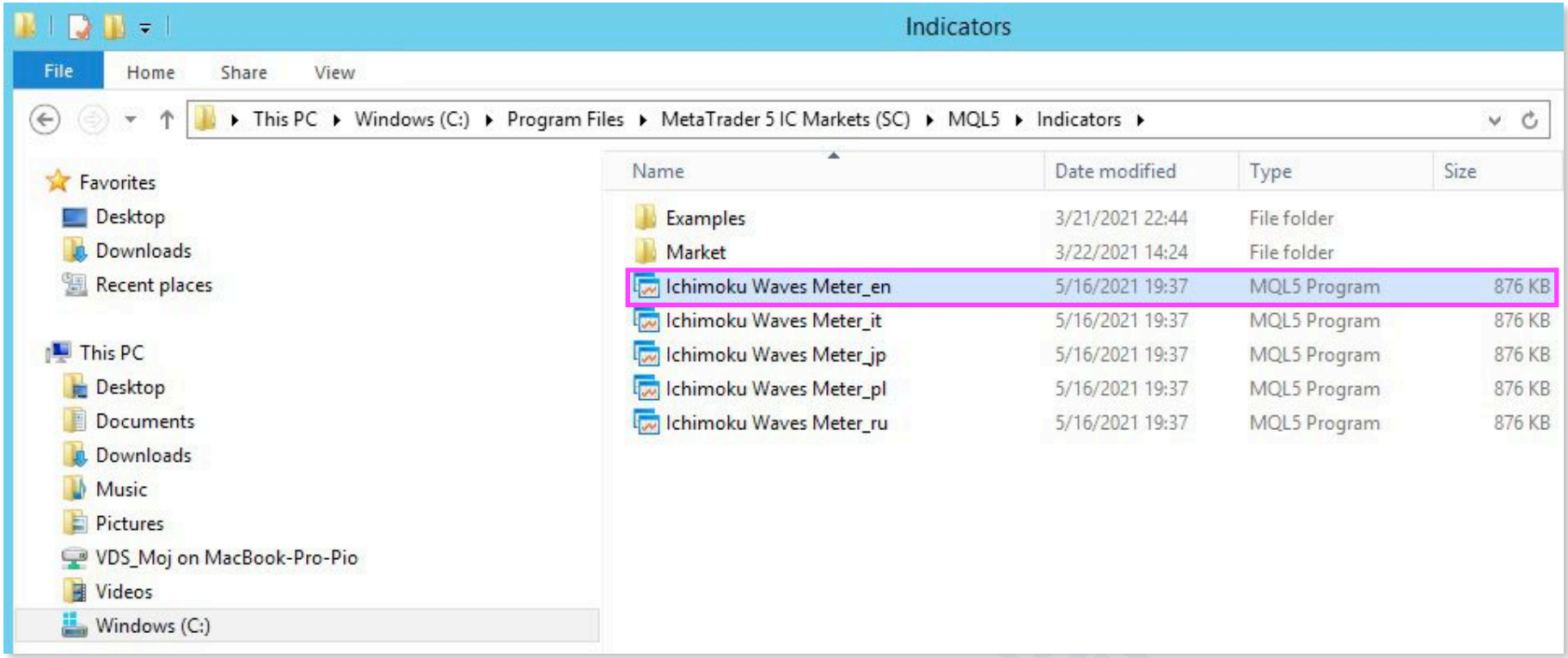
7 Place (copy and paste) the „Ichimoku waves meter en.ex5” file that you’ve received from the dealer in the Indicators folder (applies to desktop version).



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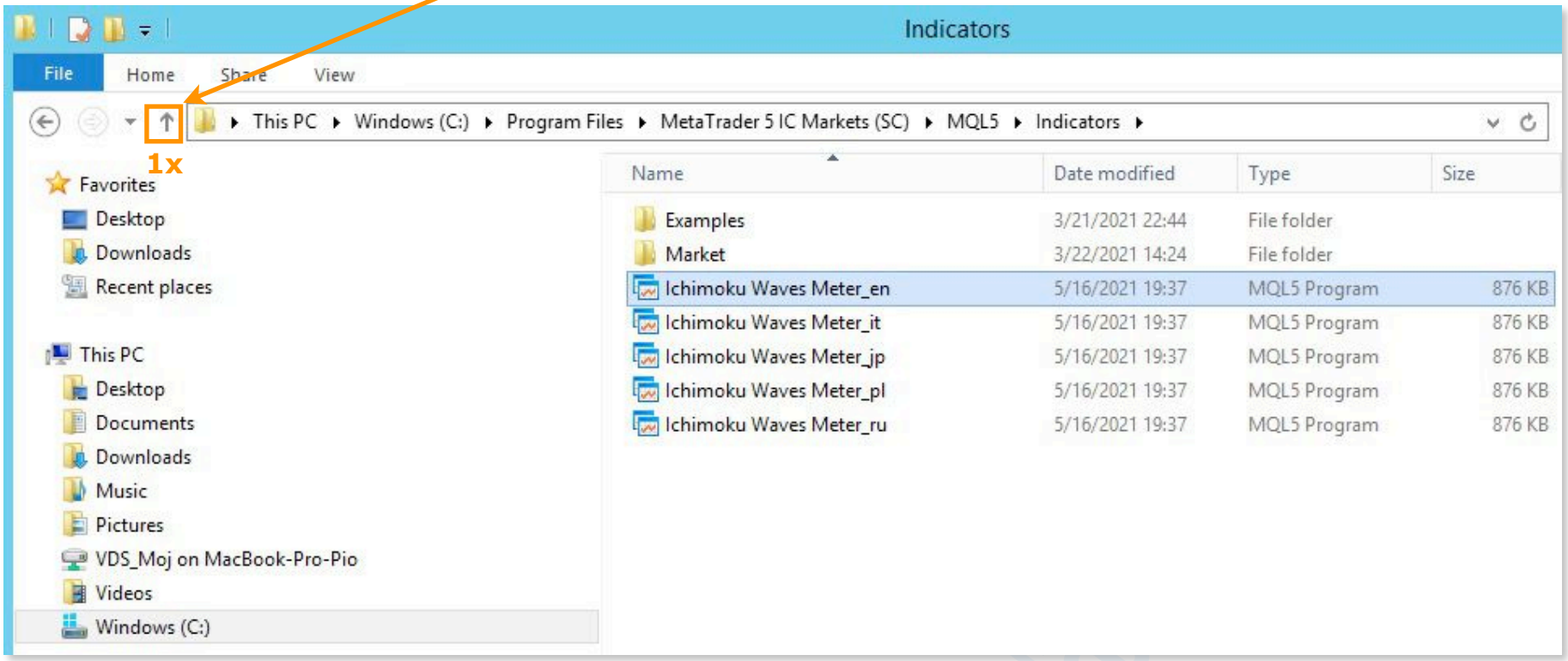
Next, 8 move one level back by one clicking the heading up arrow icon.



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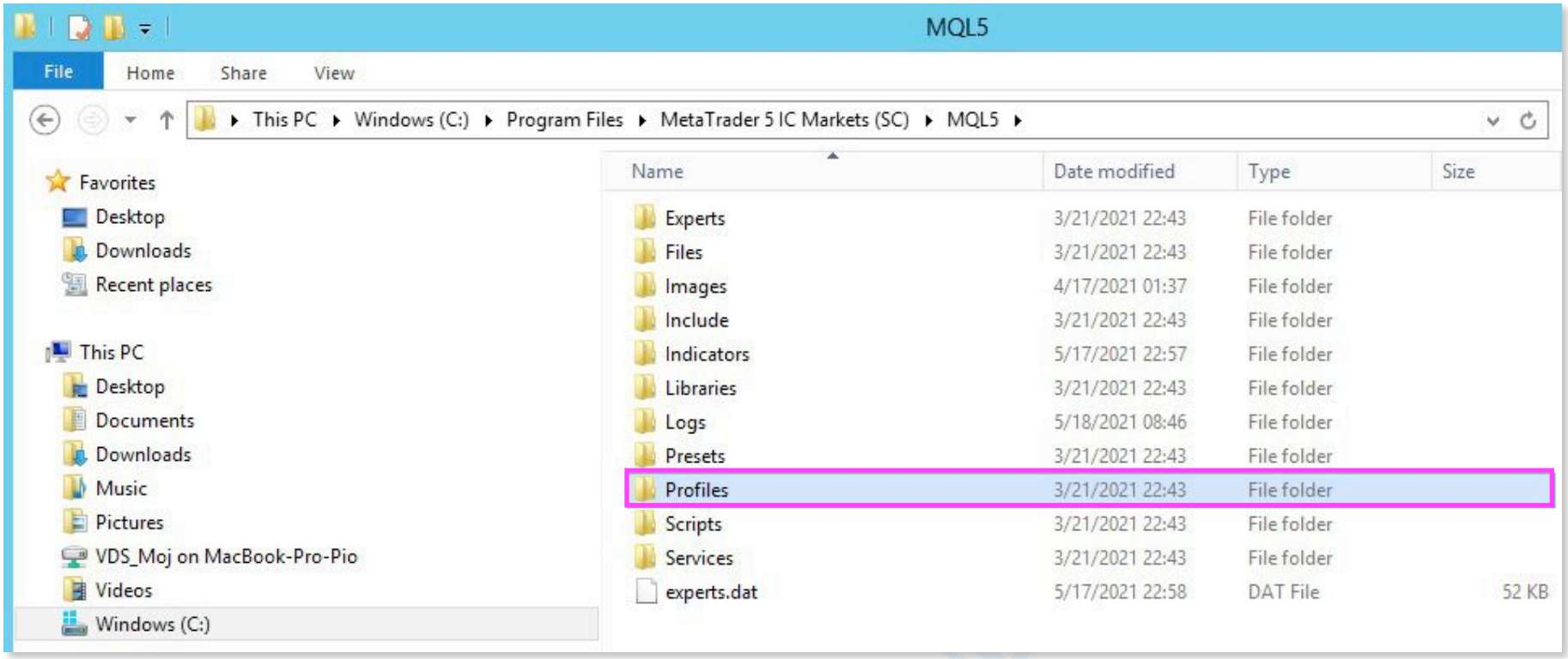
9 Open the Profiles folder.



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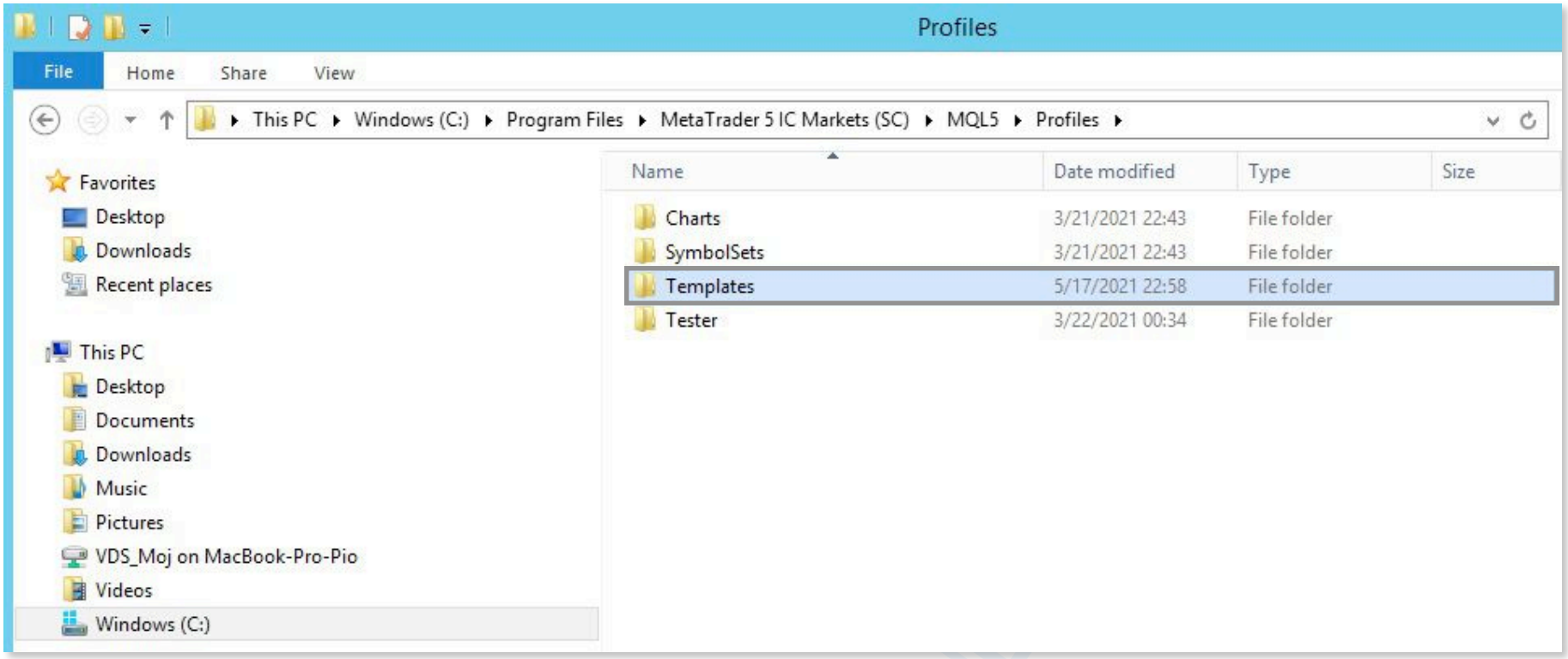
10 Open the Templates folder.



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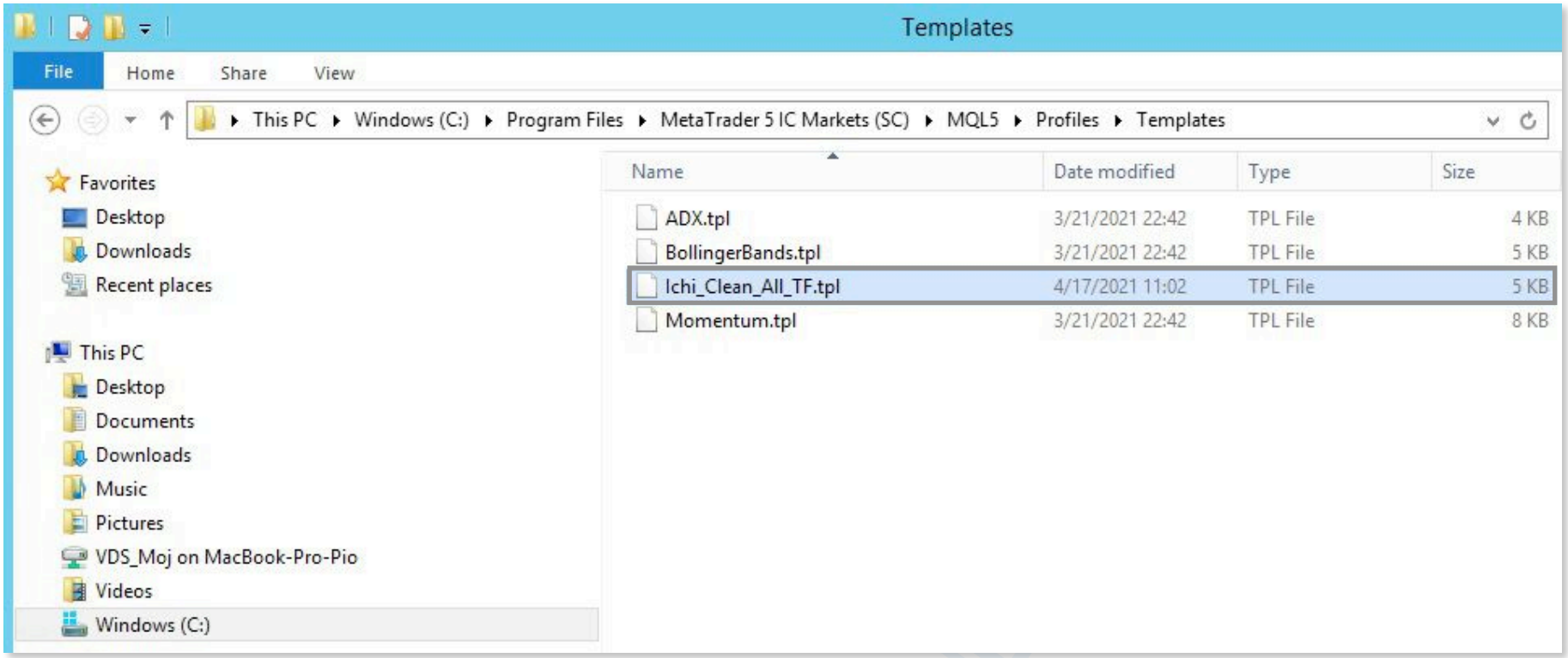
1️⃣1️⃣ Place (copy and paste) the „Ichi_clean_All_TF.tpl” file that you’ve received from the dealer in the Templates folder.



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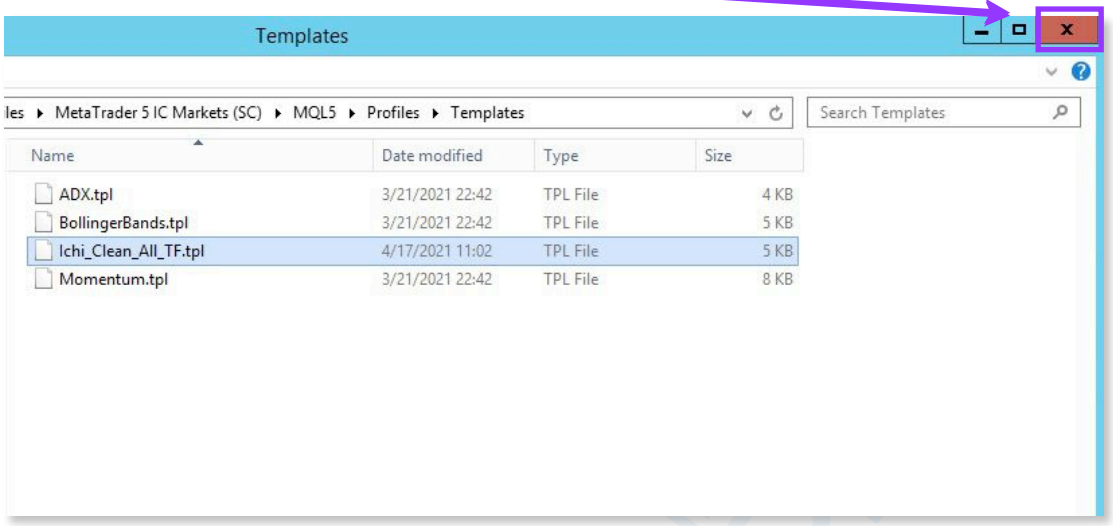
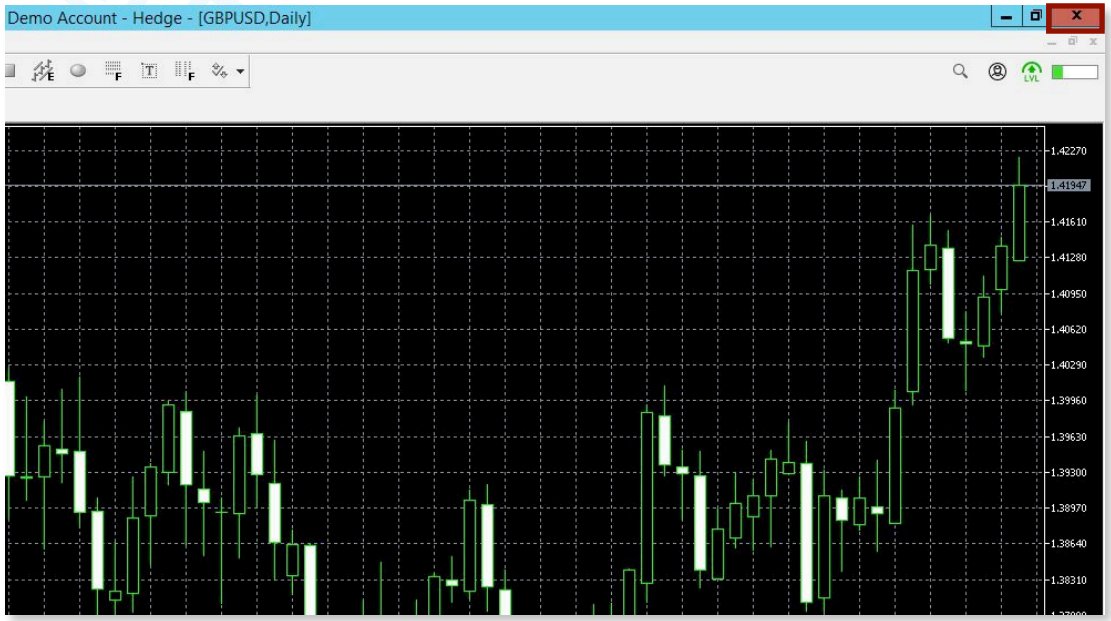
12 Close the active window and 13 restart the MT5 platform (close and re-open the program).





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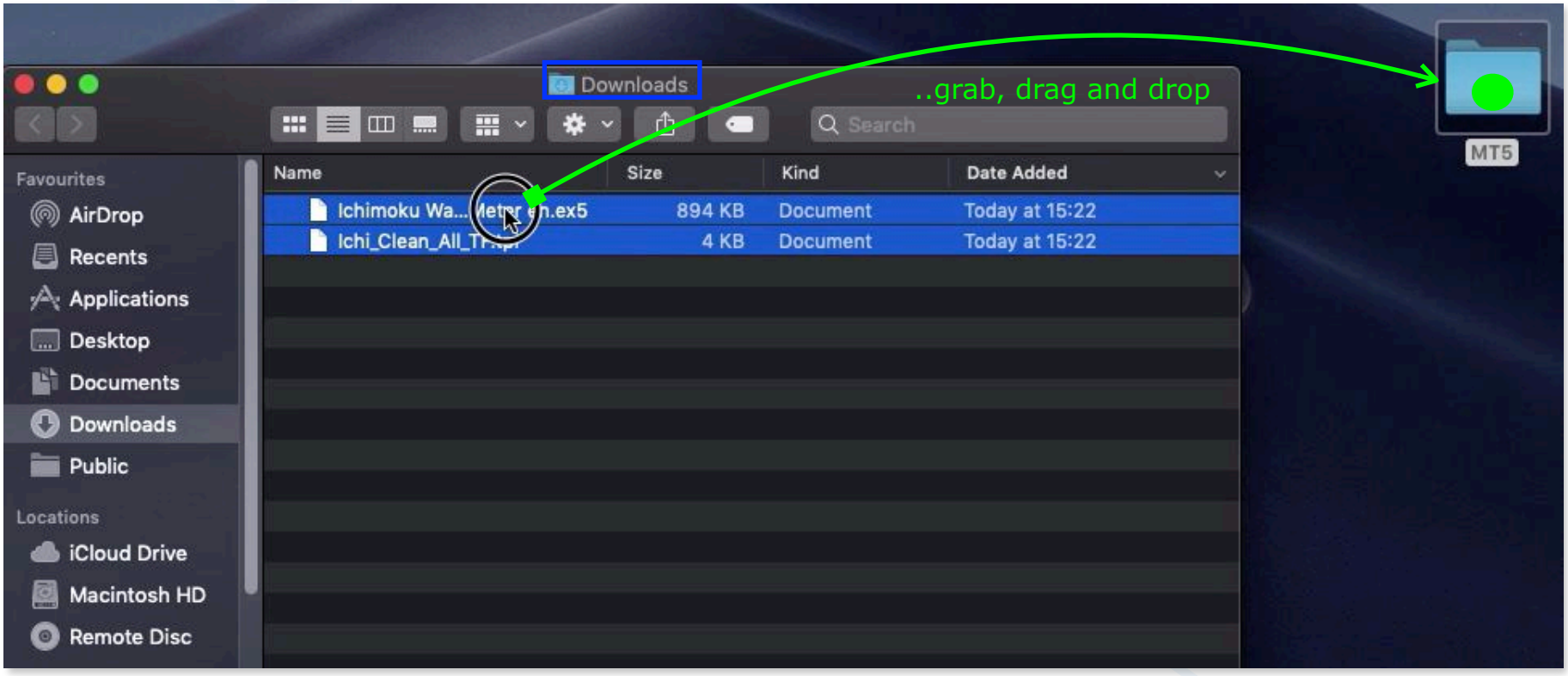
2. Installing for the macOS systems.

Before installing the Ichimoku waves meter indicator to facilitate the installation, create a new folder on your desktop, name it "MT5" for example. Move the files you received from the vendor: „Ichimoku waves meter en.ex5" and „ichi_clean_All_TF.tpl" from the "Downloads" folder to the newly created folder on your desktop named "MT5".



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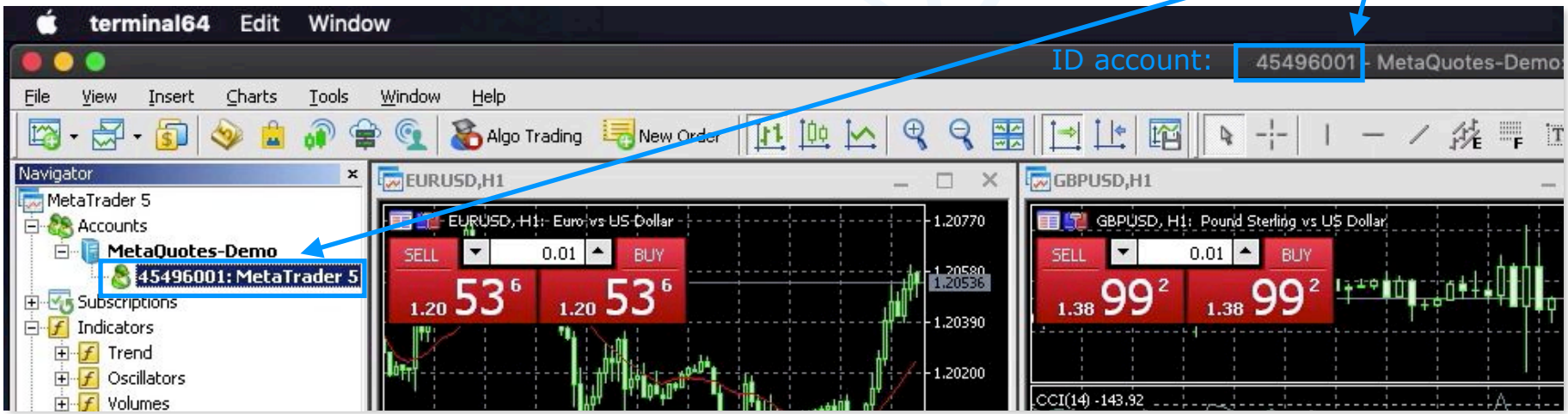
Open the MT5 platform, 1 select the View tab. 2 Chose the Navigator tab from the menu and 3 confirm with a single click (left mouse button).

Ok now you have to 4 verify if it has been logged in the suitable trading account (the trading account ID for which you've bought the IWM desktop license).



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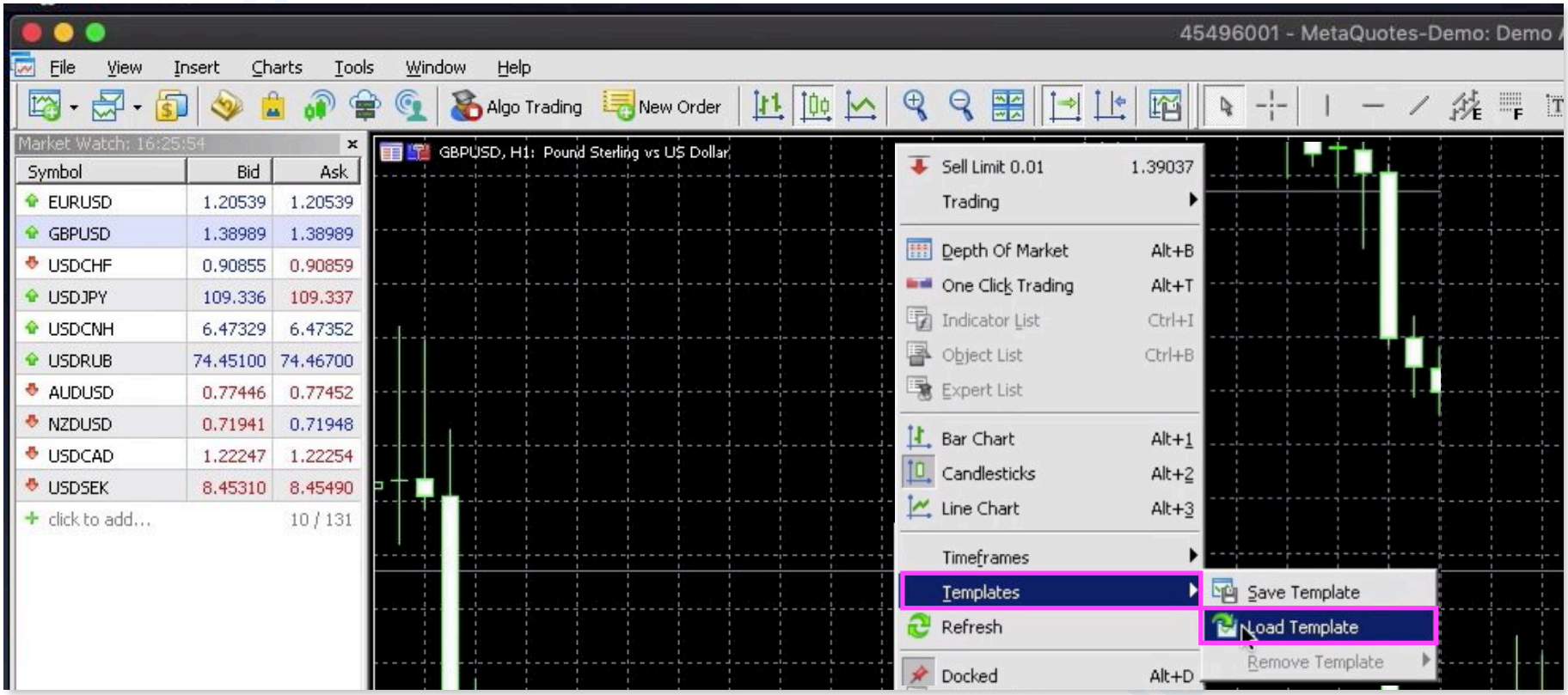
In this step, we will apply and save a dedicated template „ichi_clean_All_TF.tpl”.

5 Right-click on the chart window. A pop-up menu will open. 6 Select Templates and then Load Template and confirm by clicking the left mouse button.



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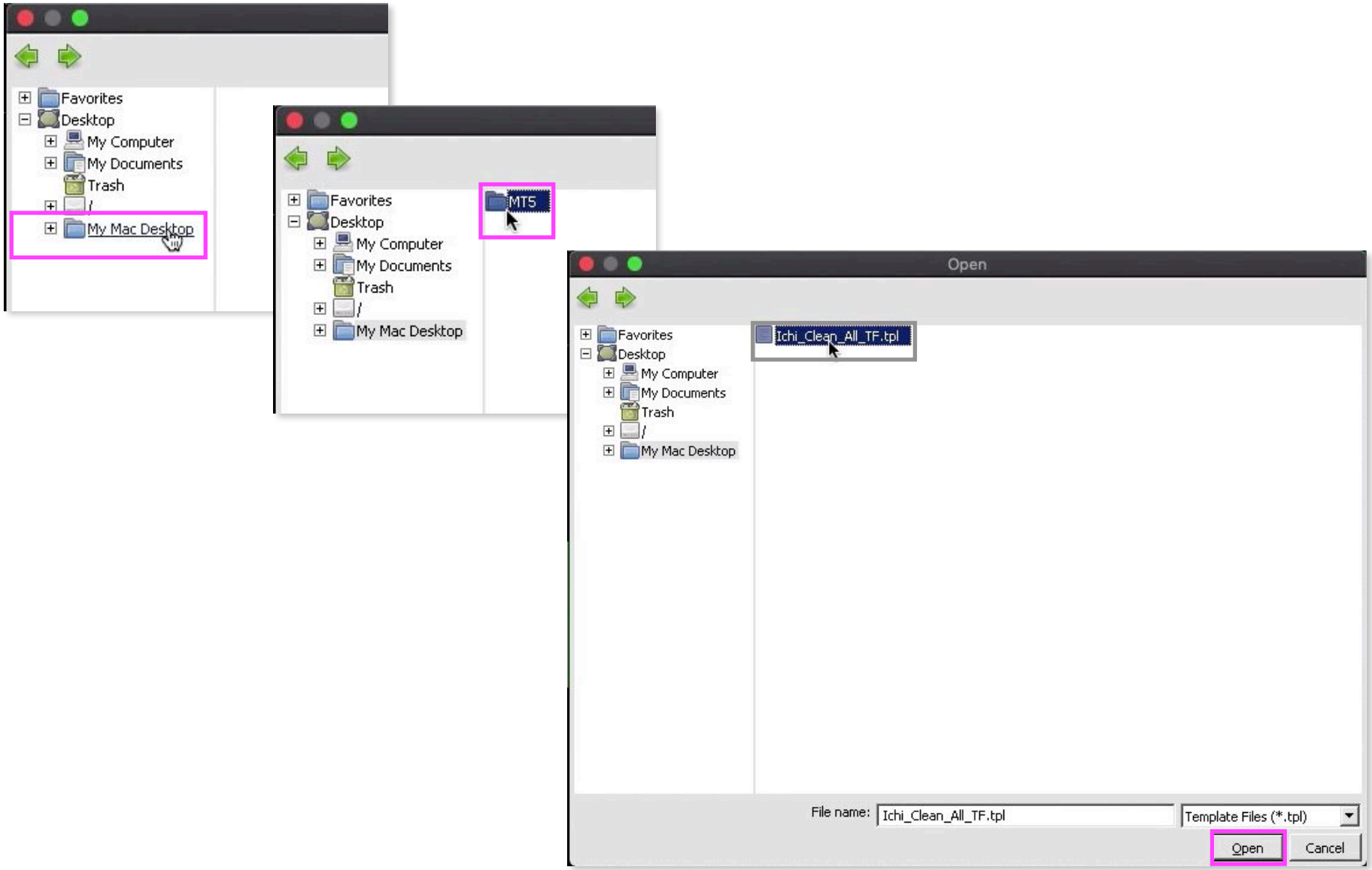
Point to the path of the template file you purchased: 7 Select My Mac Desktop. 8 Navigate to the file you created on your desktop named MT5. Then 9 select the file called „ichi_clean_All_TF.tpl" and press Open.



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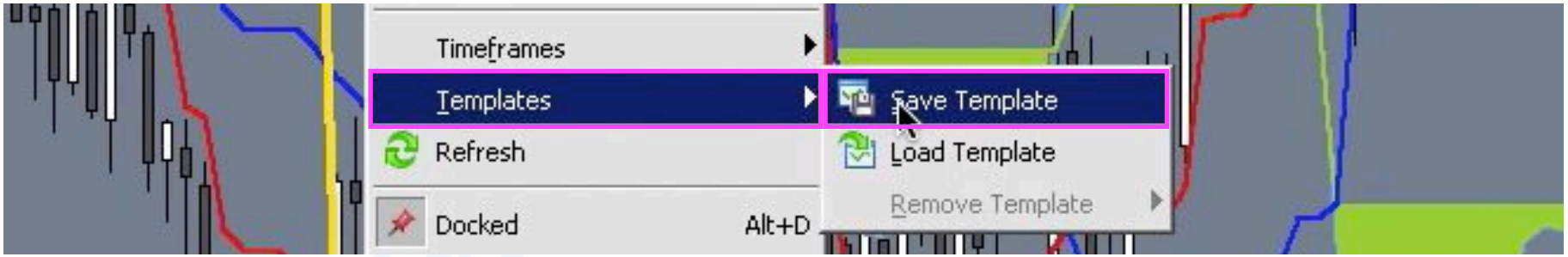
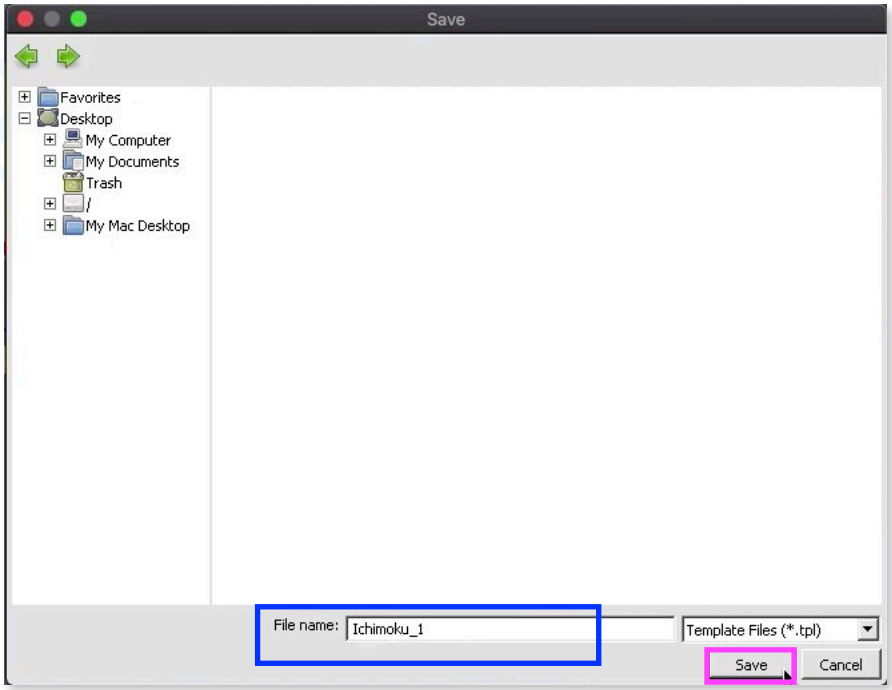
Save the template and give it your name. 10 Right-click on the chart window. A pop-up menu will open. 6 Select Templates and then Save Template and confirm by clicking the left mouse button.



11 Now give it its own name. For example "Ichimoku_1" and 12 confirm by pressing Save.



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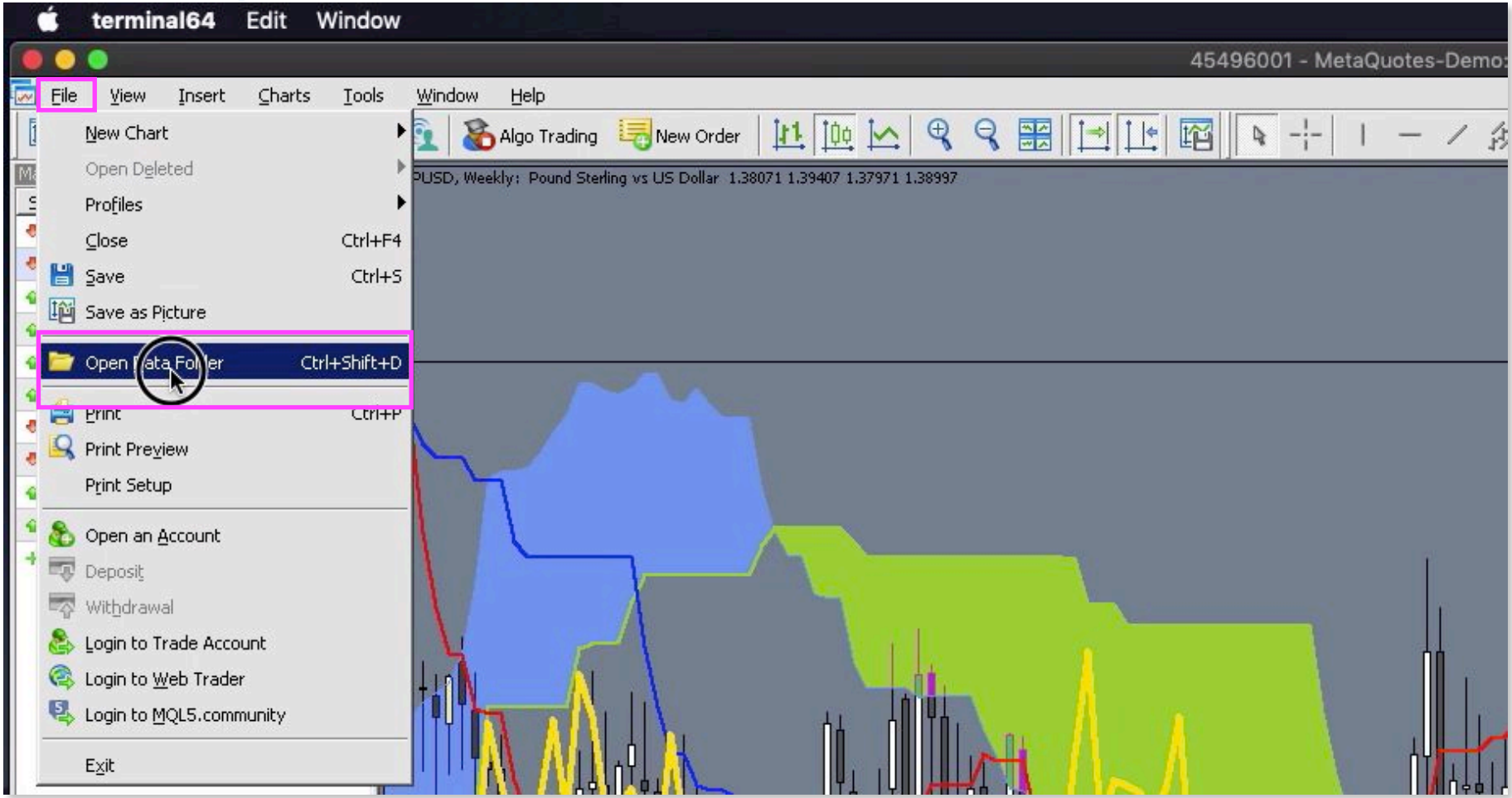
In this step we will add the purchased indicator „Ichimoku_waves_meter_en.ex5" to the list of indicators.

13 Choose the File tab on the left side of the upper menu bar. Finally, 14 choose Open Data Folder from the File tab menu.



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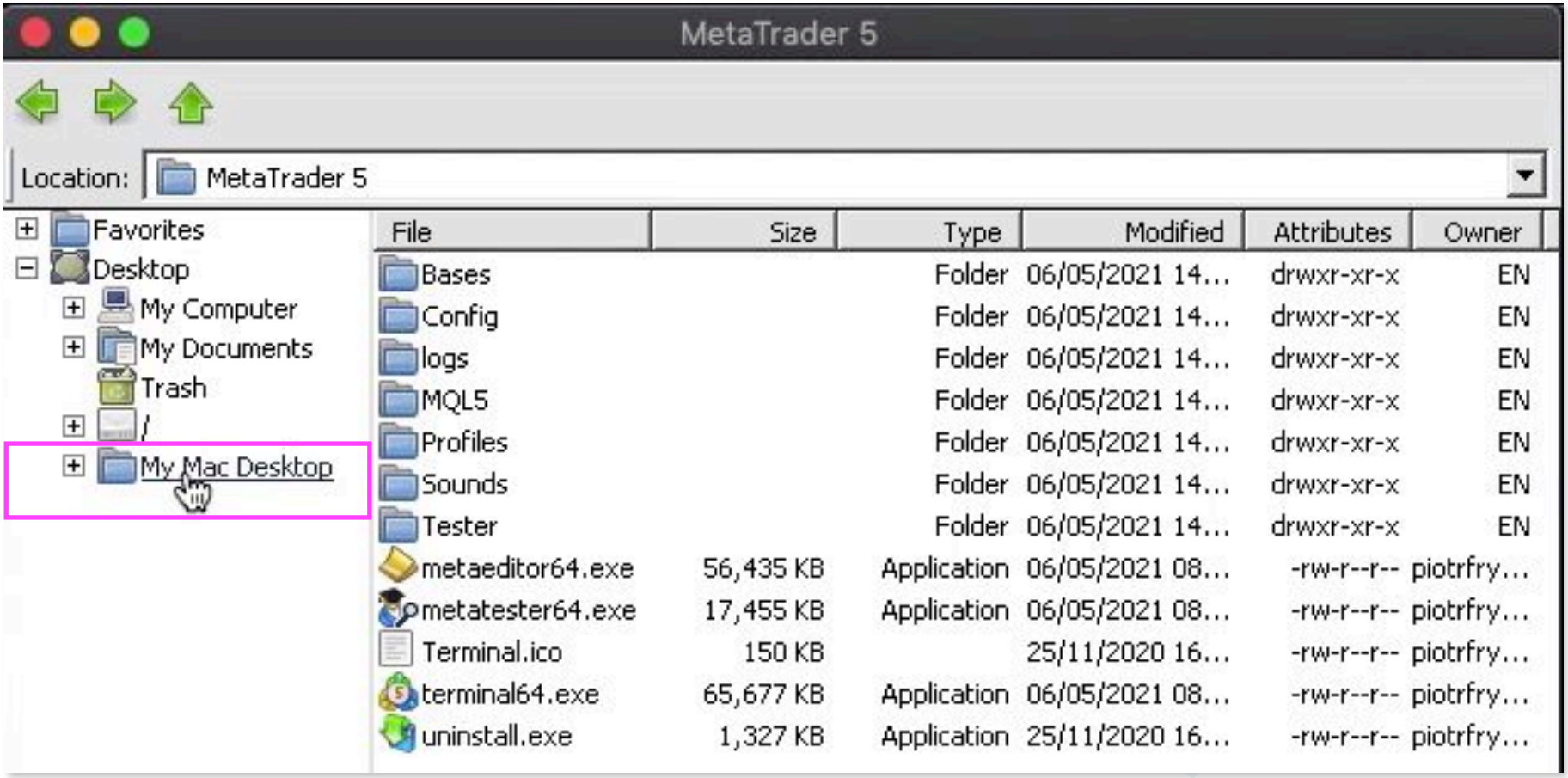
Here we see Folders from MetaTrader5…

From the menu tree on the left, 1️⃣5️⃣ select My Mac Desktop.



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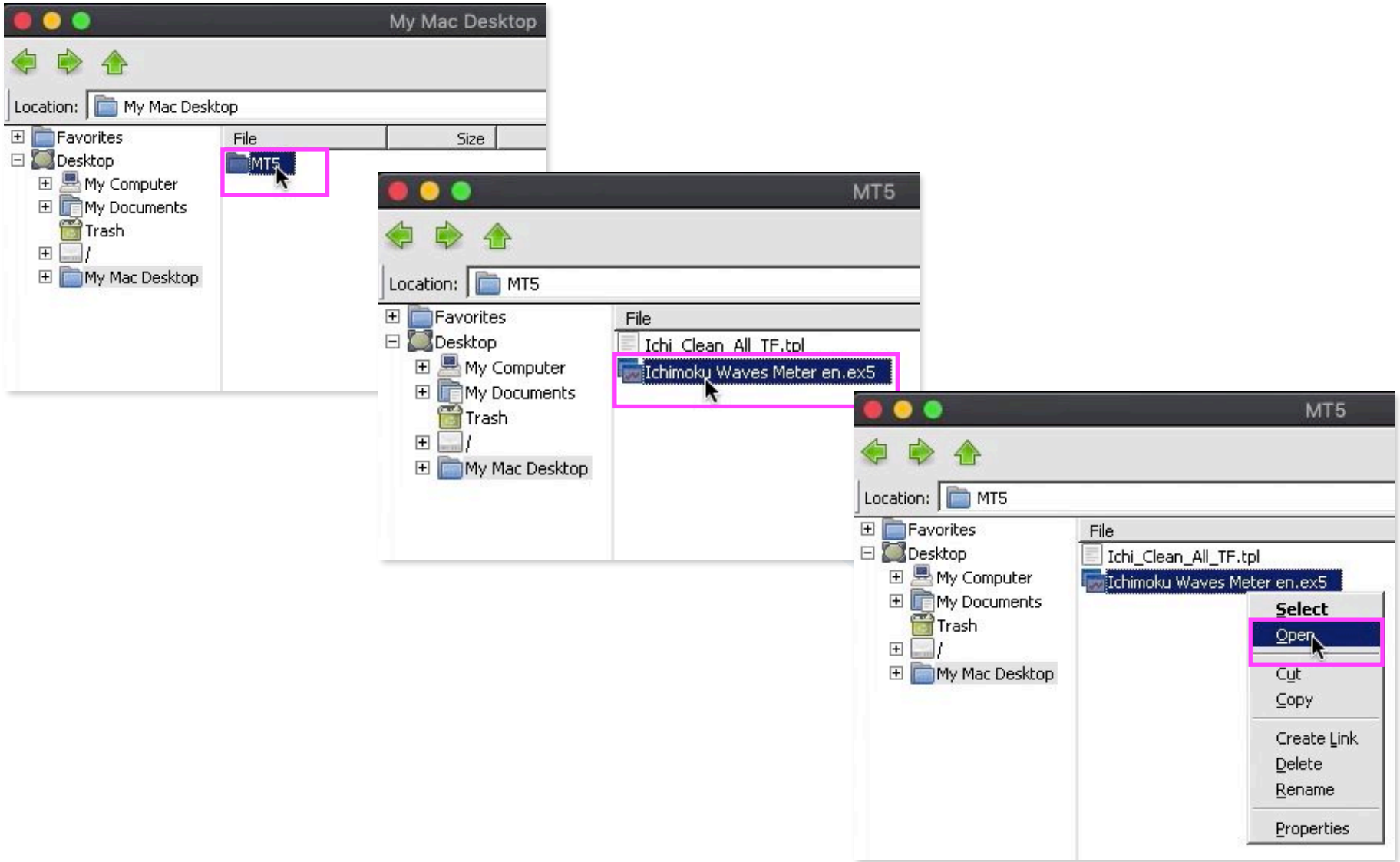
16 Navigate to the file you created on your desktop named MT5. Then 17 select the file called „Ichimoku waves meter en.ex5" and 18 press on its name with the **right mouse button**. Then in the pop-up menu 19 select Open and wait a moment.



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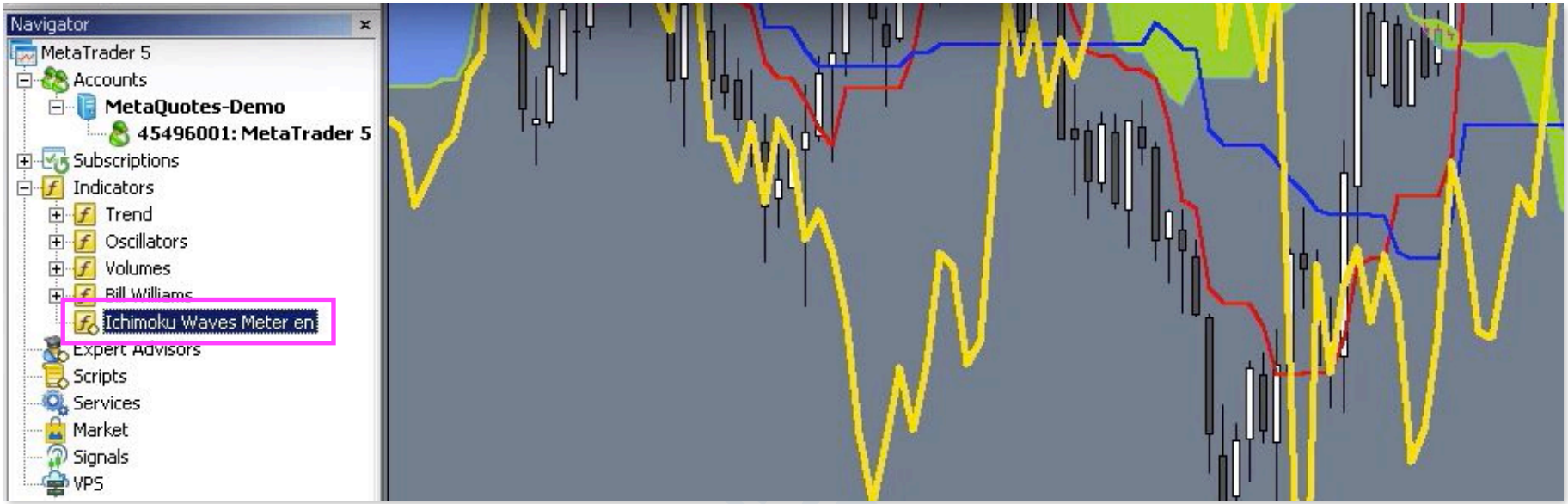
After a while, you will see the Ichimoku waves meter indicator listed (in the menu tree) in the Navigator menu. From this point on it will be available in the Navigator.



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IV. Ichimoku waves meter — Essential info.

1. Starting the indicator.

First, after installing the template and the indicator on to the MT5 platform (according to point III of this manual), every time after choosing a walor — which means opening a new window instrument of the feature that is to be analysed — you need to apply the template that you've received from the dealer. This action is not obligatory. The template, however, had been prepared in the dark mode that harmonises with the default colours of the Ichimoku waves meter tool in concern of the user.

Applying the ichi_clean_All_TF.

To apply the previously saved template on the chart from the open MT5 platform level you need to 1 choose the Charts tab, next 2 choose Template from the list and then 3 the ichi_clean_All_TF *(Ichimoku_1)* file which you want to open by pointing it with the cursor. Confirm by clicking the name of the chosen template once with the left key of your mouse.You can also load a saved template by opening the popup menu. Click the right mouse button on the chart window and select the saved template.

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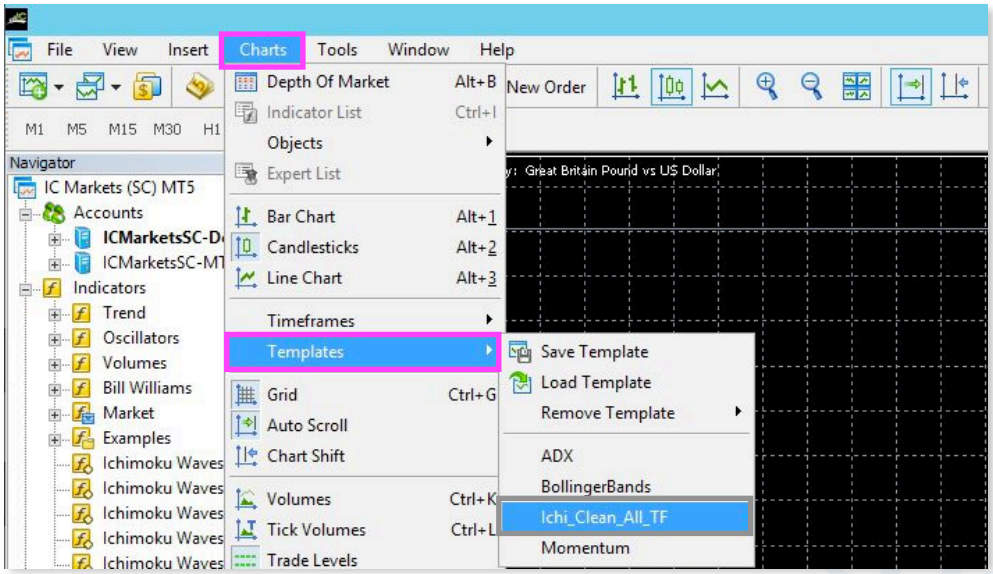
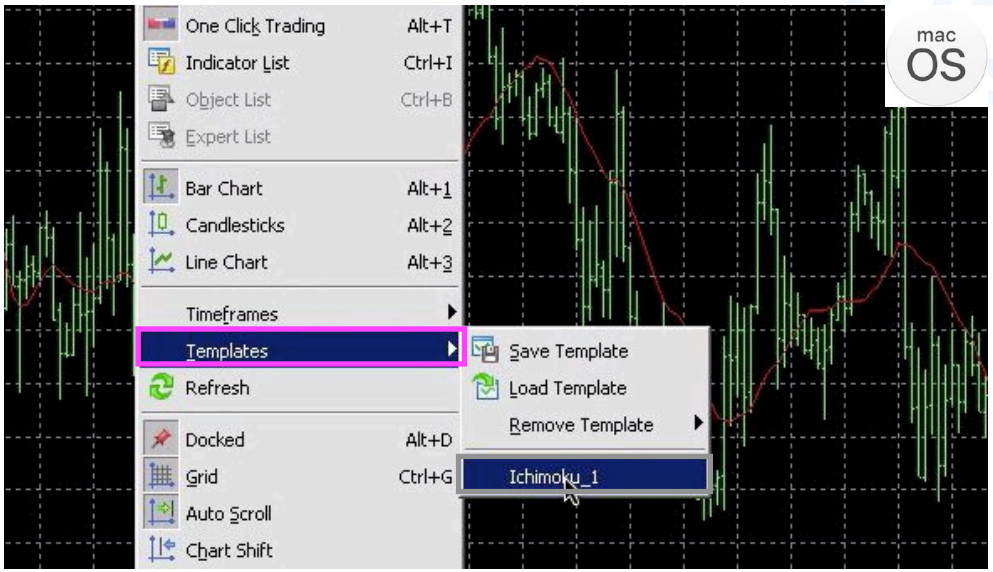
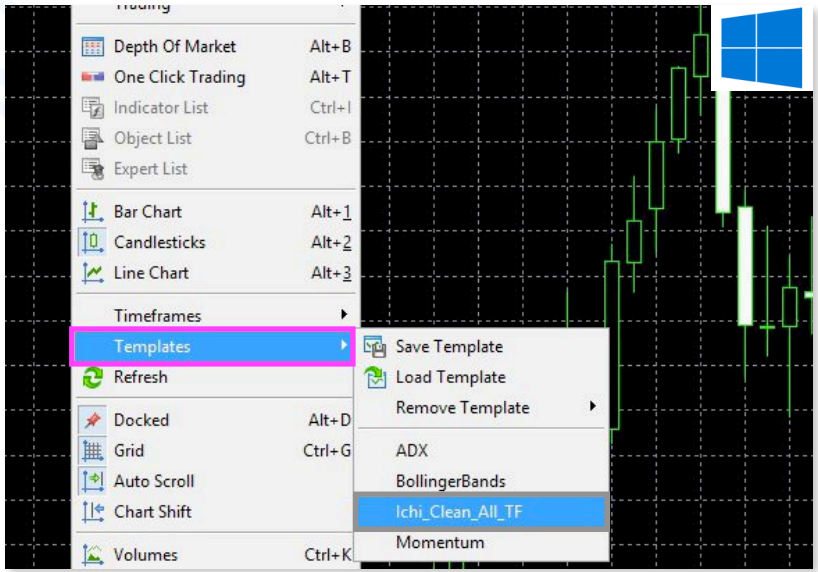
In the top picture — the way of accessing the templates list by the menu; in the bottom picture — access from the pop-up menu.







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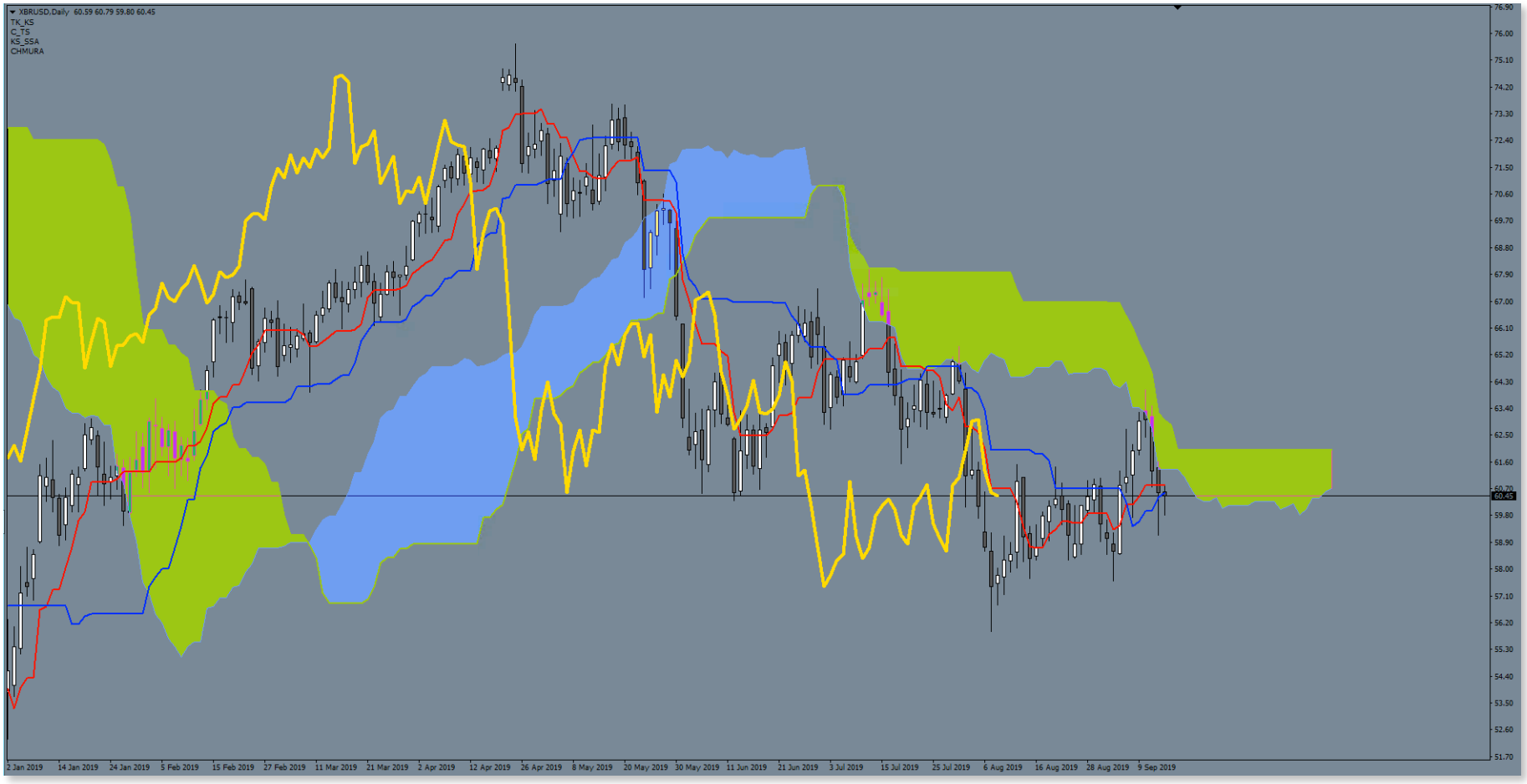
Template: ichi_clean_All_TF / visualisation.



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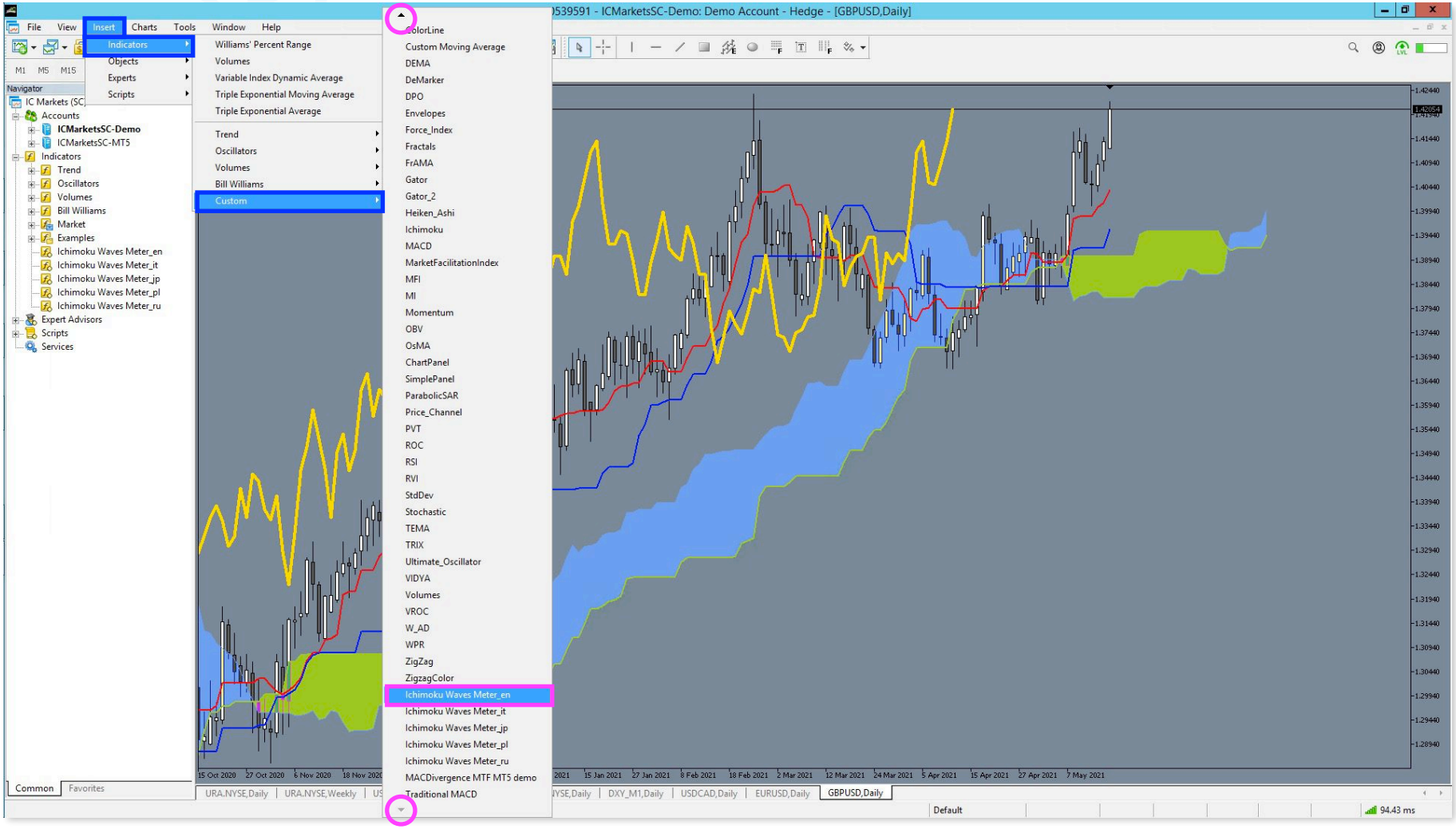
Applying the Ichimoku waves meter indicator on the chart window.

To apply the previously saved indicator on the chart from the open MT5 platform level you need to 1 choose the Insert tab, then 2 choose Indicators from the list, 3 choose Custom > from the sublist and then 4 the Ichimoku waves meter en file which you want to open by pointing it with the cursor. 5 Confirm by clicking the name of the chosen indicator once with the left key of your mouse.



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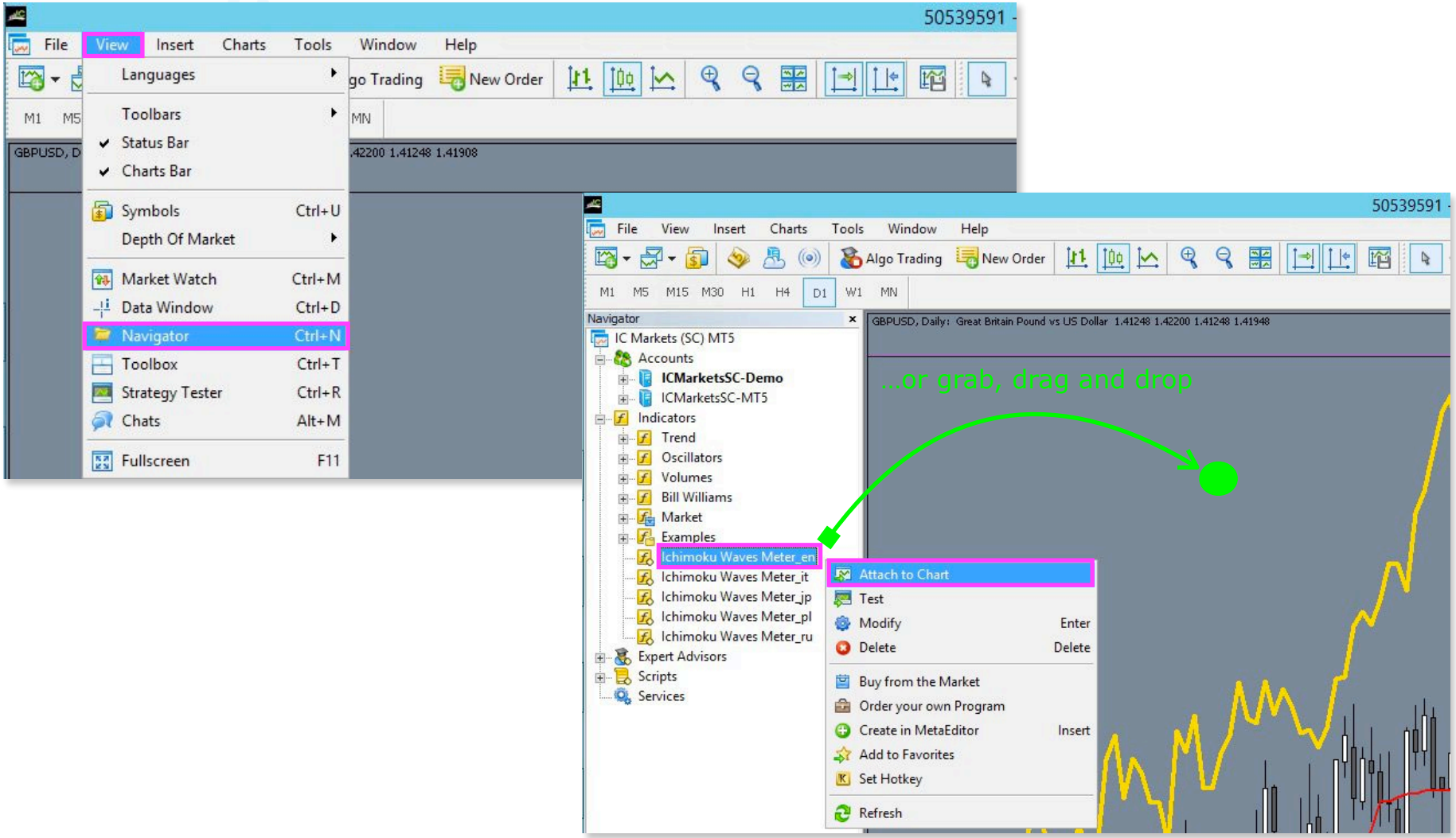
To apply an indicator to a chart, you can also drag and drop it from the Navigator pop-up menu. To do this: 1 Open the View tab. 2 Select the Navigator tab from the menu and 3 confirm with a single click (left mouse button). Then 3 select the Ichimoku waves meter from the navigator menu by clicking on its name with the right mouse button. 4 Select Attach to Chard and confirm by left-clicking. You can also plot the Ichimoku waves meter indicator on the chart window by grabbing it, dragging and dropping on the chart.



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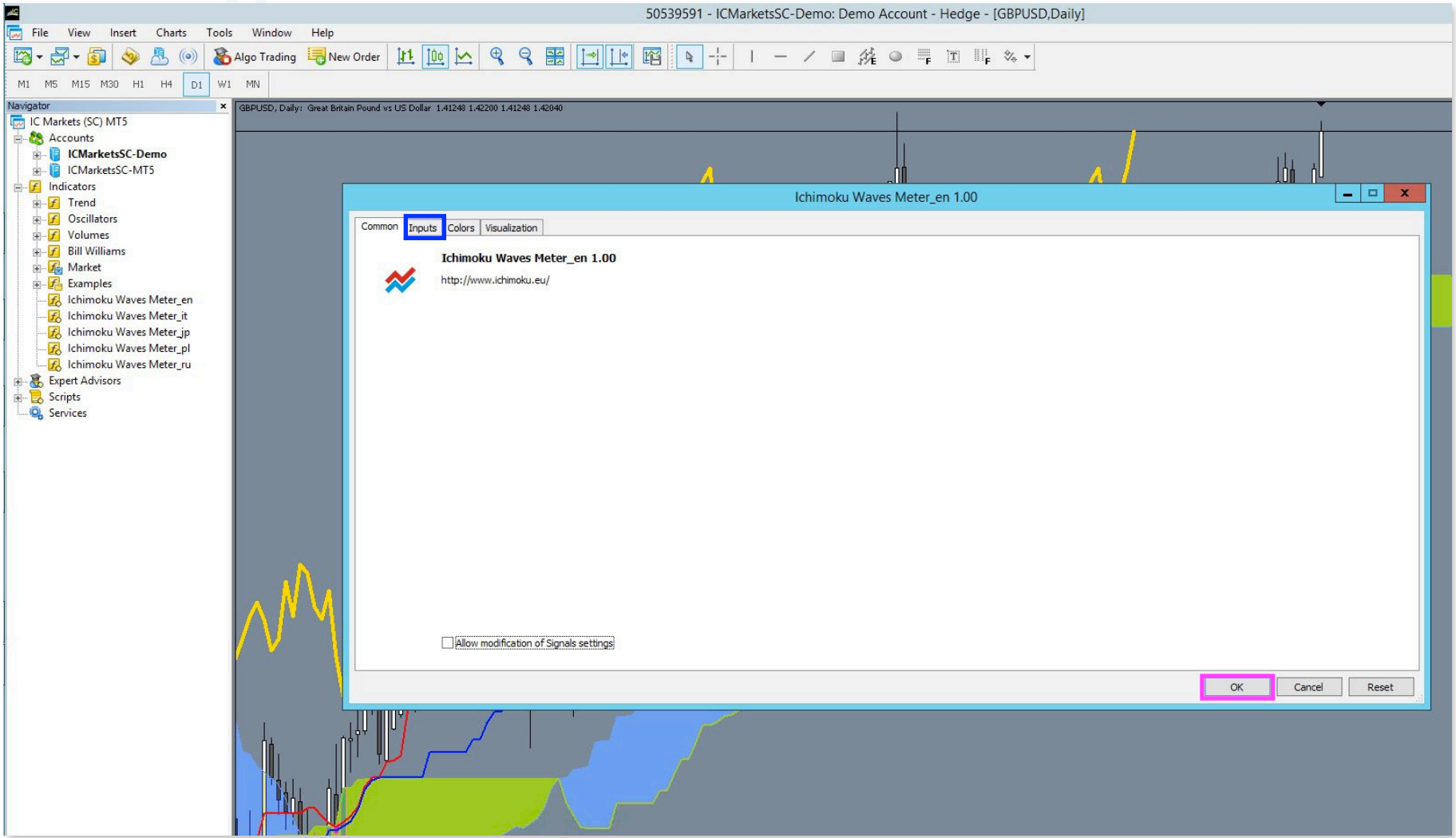
After choosing the indicator, the program info window will appear on the screen. Here you can immediately confirm applying the indicator (with default settings values) by pressing the OK button — the indicator will be applied onto the chart. You can also draw the settings menu forth by clicking the Inputs button with the left key of your mouse. You need to use this option when you want to individually personalise the indicator or double the tool (described below in point 2).



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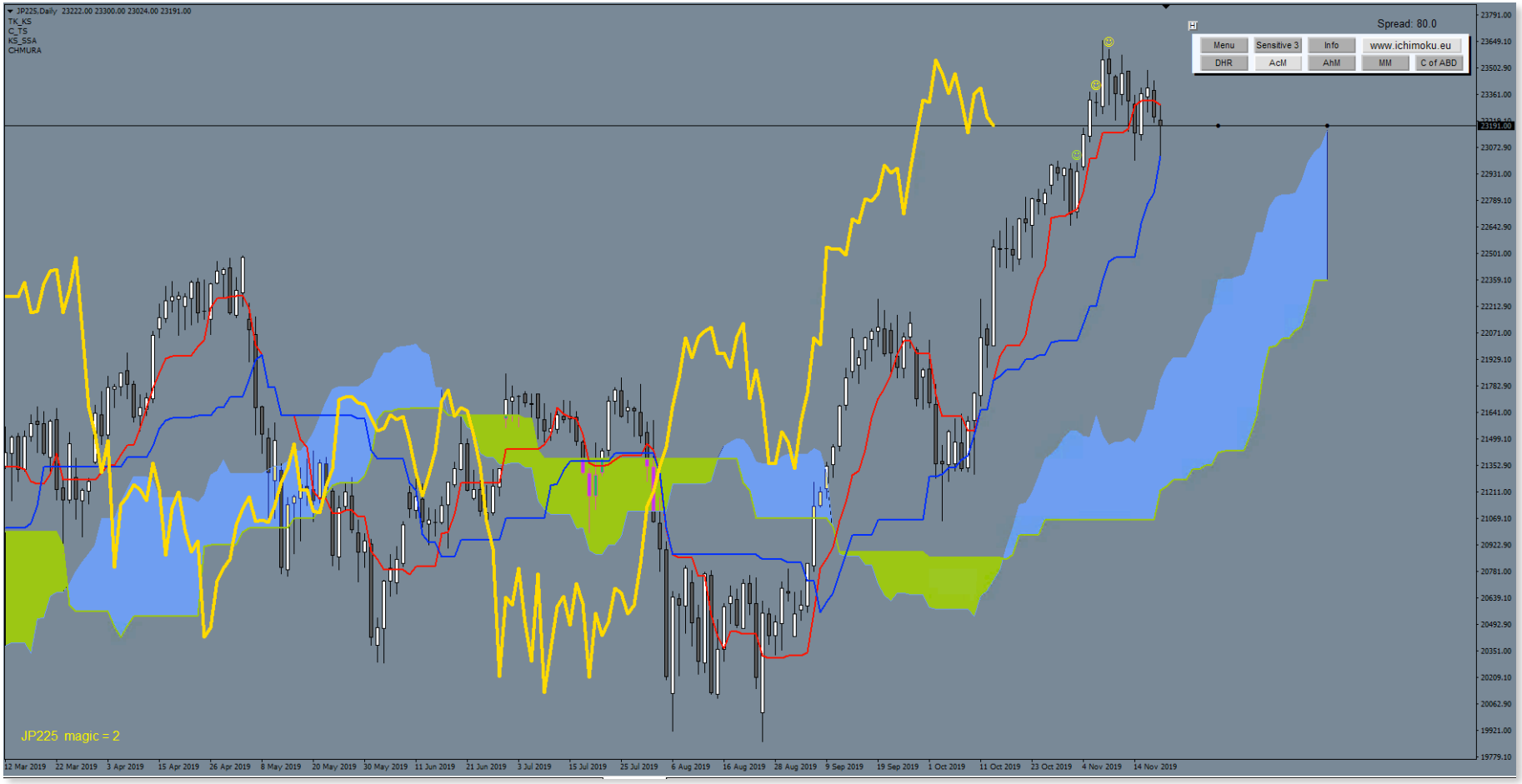
Ichimoku waves meter program applied to the chart / visualisation.



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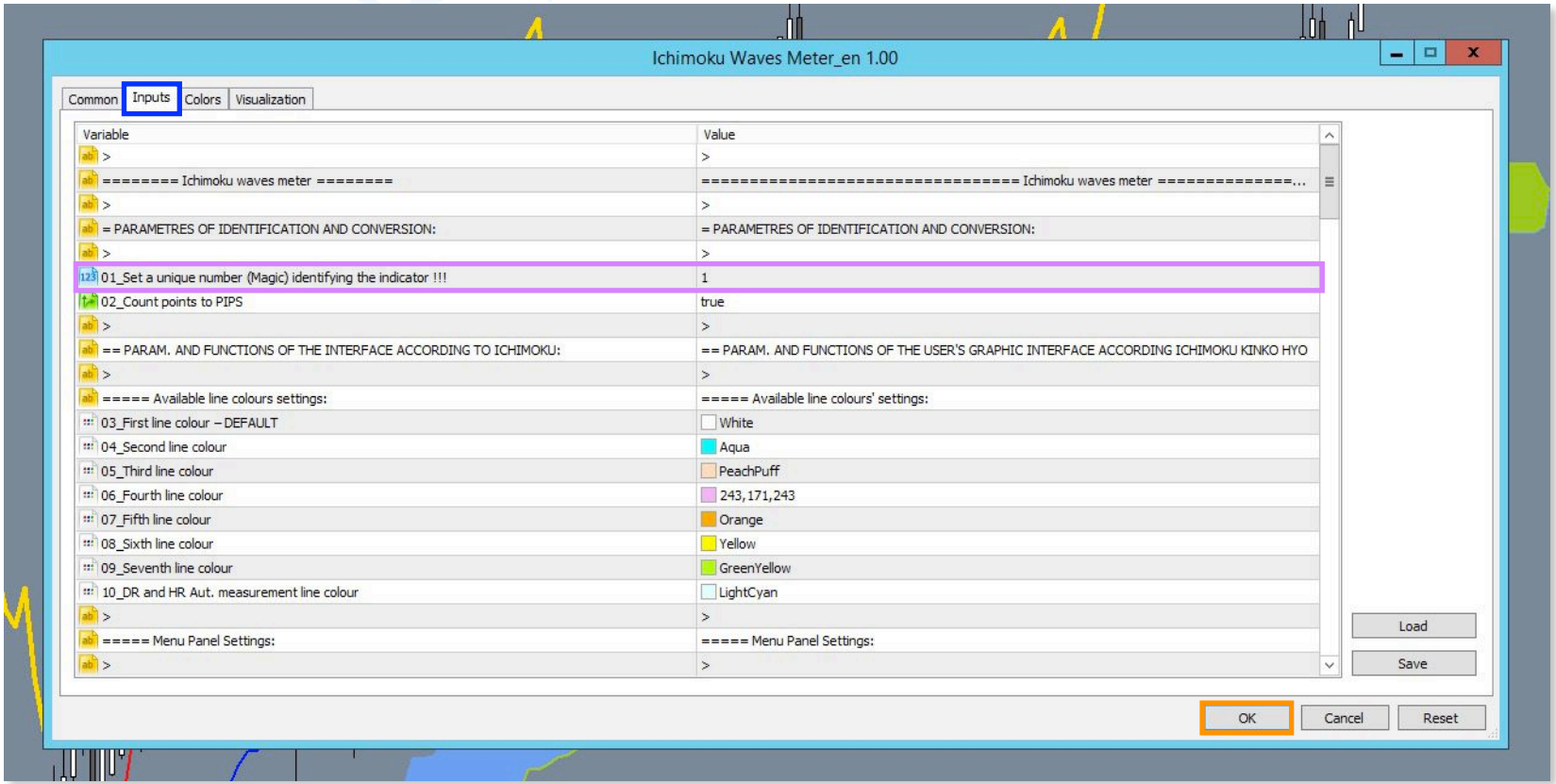
2. Using Ichimoku waves meter.

Unique number identifying the Ichimoku waves meter indicator, so-called „Magic number”.

When you apply the indicator onto the chart (described in point 1), the program info window appears. From this level you can access the settings menu (the Inputs button), where the „01_Set a unique number (Magic) identifying the indicator” parameter is the most important parameter, allowing the indicator to distinguish the measurements performed with the same tool opened multiple times on different windows within one or many profiles; the MT5 program does not distinguish a profile from a window!



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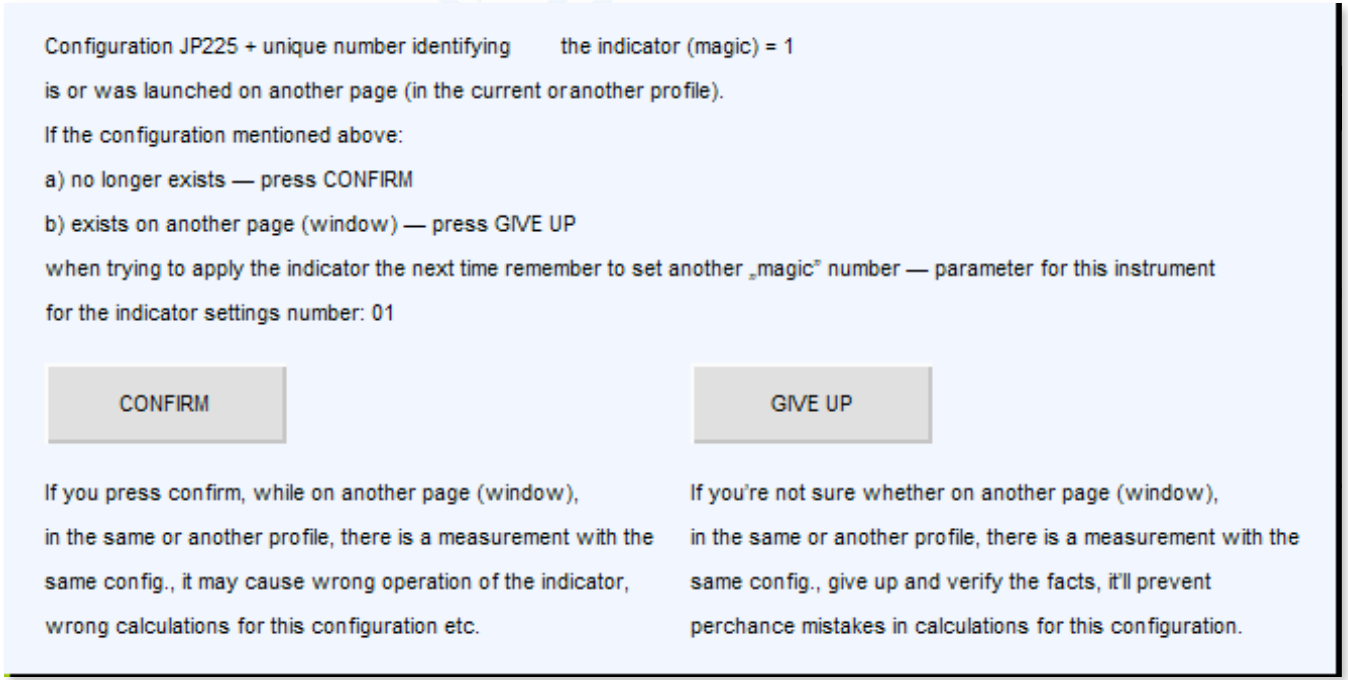
Therefore, **if we want to have a few windows with the same tool** (e.g. different time intervals, etc.) **opened** while analysing different features and e.g. we want to apply the Ichimoku waves meter indicator onto a few of them, to make it work properly, it's essential for the program to be able to distinguish windows with the same feature. That's why it's crucial to enter for every window (with a doubled tool) an additional variable that allows to distinguish the indicator between these windows, so-called „Magic number" set individually. To do this, when applying the indicator onto the chart, you need to choose the Inputs tab and **change parameter no.1** from the number that had previously been assigned in the opened windows with the same tool. 1 is the defaulted assigned value; the possible range in which the number can vary is 2 to 99. If, by mistake, we assign an already existing number and confirm it with the OK button, the program will ask us to confirm or cancel the choice by displaying an info window with the selection options before it applies itself onto the chart. Here we can confirm or cancel (give up). Moreover, if we had previously opened a chart with a chosen feature (there had been an IWM indicator applied onto it) and it has been closed (deleted, etc.), while re-opening the same tool and re-applying the IWM onto it, the same info notice with the selection options can also be displayed, depending on how the tool has been closed (deleted) before.



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The template and saving the indicator within it...

When working with charts, saving frequently used indicator/(-s) into the template we apply onto the chart seems to be making things easier — in theory, it shortens the pre-work preparations. This is what analysts or traders do pretty often. However, this methodology turns out wrong — it may cause the indicators work incorrectly, including miscalculations and multiple displaying the same graphic elements. Hence, **it's best to apply a plain template first and then subsequently apply indicator/(-s) every time you open a new chart window.**

This rule refers not only to Ichimoku waves meter, but it should be considered as general. Along with the IWM program, the dealer had delivered a plain ichi_clean_All_TF.tpl template, and we strongly recommend using it.

When does the Ichimoku waves meter program do the calculations?

Ichimoku waves meter basically does the calculations within the currently active (in-use) window so as not to put a strain on the computer's processor when not necessary. The calculations happen every bar, every tick and every set time [ms] and when activating a window (if the IWM has been applied onto this window previously). Therefore, if we have a few small windows opened at the same time on the graphic, the updates will be done only on the currently active sheet (along with the candles progress / ticks, etc.). The other windows will be in snooze mode. After changing windows, the newly chosen one will become updated, and the previous (deactivated) one will go into snooze mode. The only exception is counting the „Kyushu legs", where the bar calculation update happens every tick for all the sheets displayed at the same time. This, however, is insignificant when working in the full screen mode — one chart sheet.

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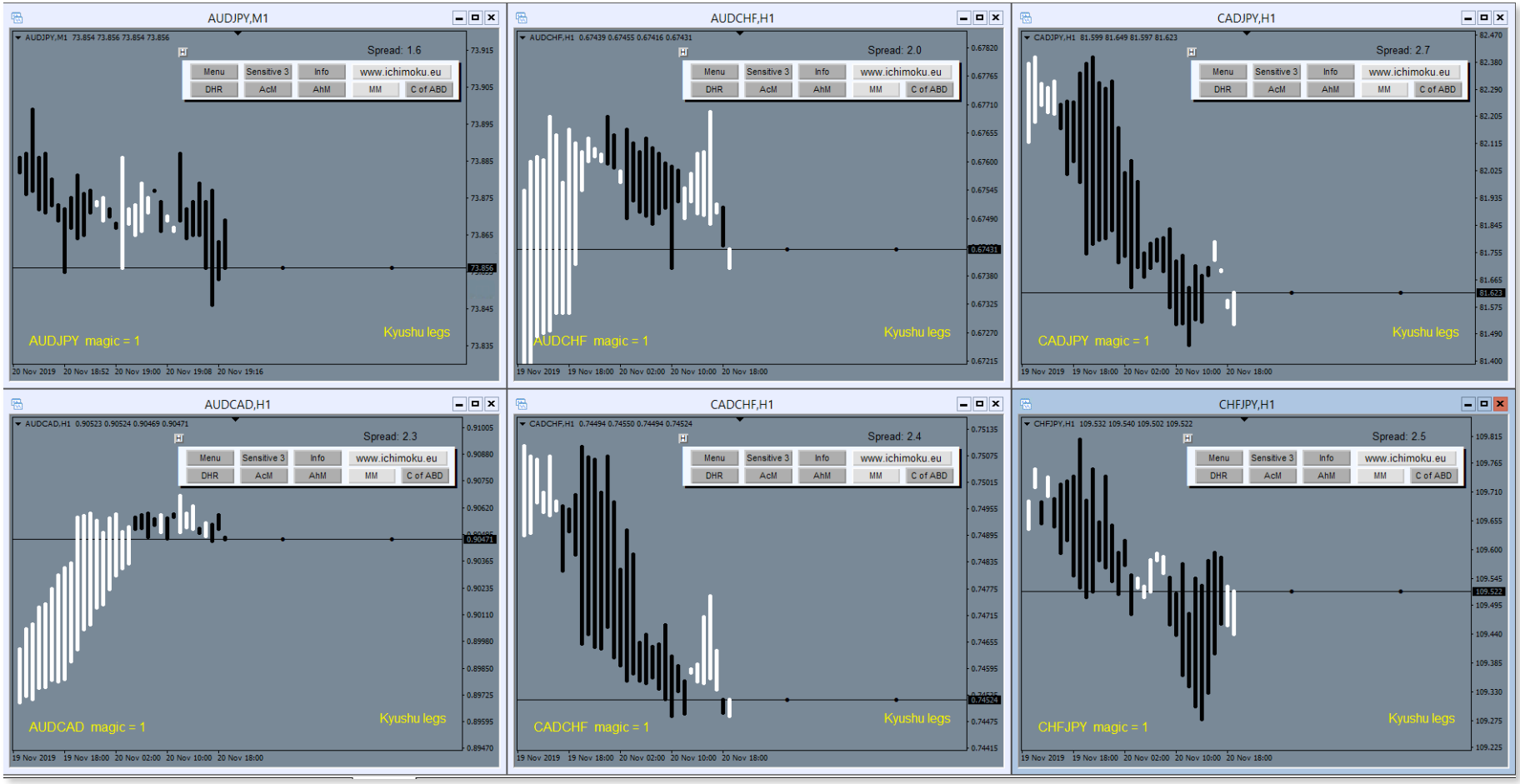
A few small sheets on one graphic with the „Kyushu legs” applied — the update happens every tick in all of the windows.



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Deleting the chart window and Ichimoku waves meter.

If you want to delete (close) an unnecessary chart window with the **Ichimoku waves meter** applied, it's best to first apply a plain template onto a sheet and then close (delete) the chart window. This action is not obligatory.

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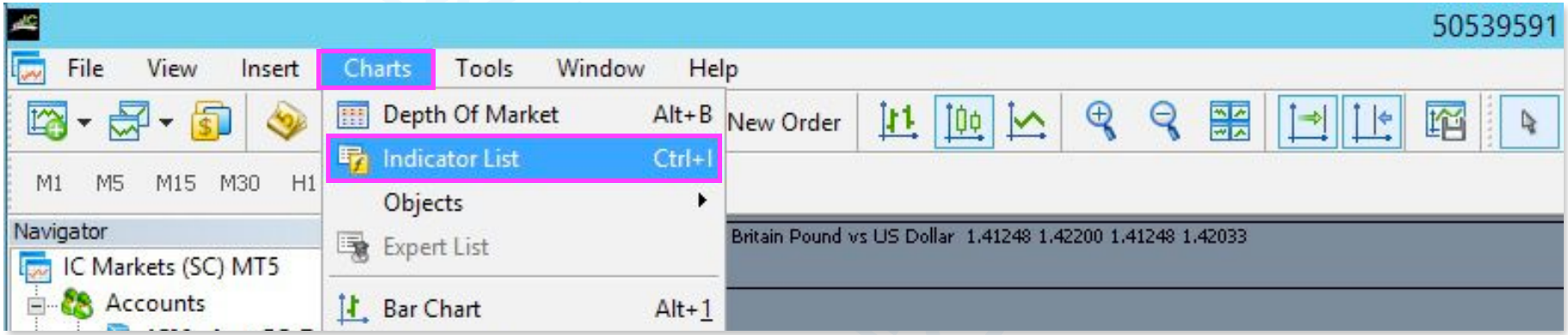
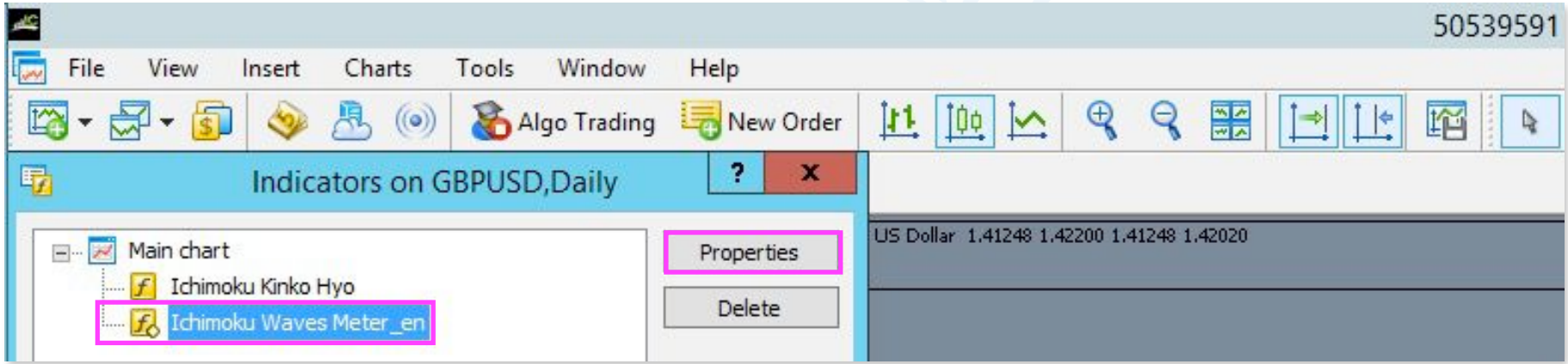
3. Default settings of the indicator parameters.

To open the indicator settings menu, you need to 1 do it from the opened MT5 platform level. 2 Choose the Charts tab, then 3 open the Indicators List or use the Ctrl + I shortcut. Next, 4 choose Ichimoku waves meter en from the indicators list (by quickly double clicking on the indicator's name with the left key of your mouse or clicking once on the indicator's name with the left key of your mouse and then confirming the choice with clicking on the Properties icon with the left key of your mouse. On the screen there will appear the indicator window and so will its tabs (Common, Inputs, Colours, Visualization). You'll need to 5 choose the Inputs tab — the indicator settings menu will be displayed on the screen.





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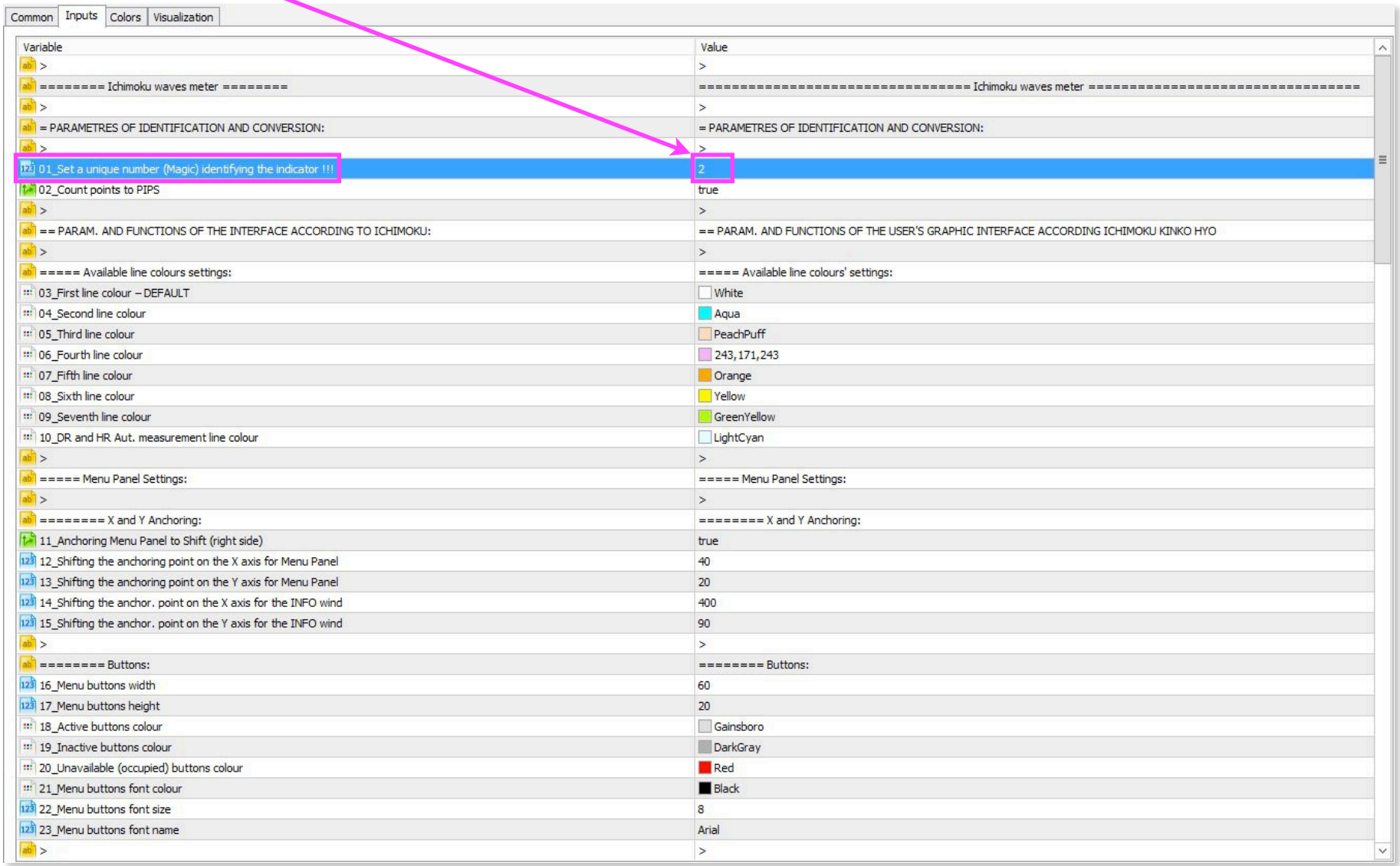
Below you have the indicator settings menu; the marked settings parameter is the most important one — „Magic number”.



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Common | Inputs | Colors | Visualization

Variable	Value
24_Menu panel descriptions colour	Black
25_Menu panel background colour	AliceBlue
26_Shadow Colour – abscission line	Black
>	>
===== Proportions of the results' graphic presentation:	===== Proportions of the results' graphic presentation:
>	>
======== Fonts:	======== Fonts:
27_Font size next to the measurement lines	12
28_Font name next to the measurement lines	Arial
29_Denying Ranges and Habitual Ranges descriptions font size	16
30_Denying Ranges and Habitual Ranges descriptions font name	Arial Black
31_Measurement between point A, B and C (M) descriptions font	Arial
32_Current Counters (CC) from point A, B and C des. font	Arial
33_Distinction descriptions font	Arial Black
34_Descriptions colour in the info panel for past time	DeepSkyBlue
35_Color of alert "WAIT"	Yellow
>	>
======== Lines, Spaces and Shifts:	======== Lines, Spaces and Shifts:
36_Minimal pixels distance between timeline and price extreme	50
37_External ABC time measurement line movement ratio	0.4
38_Internal ABC time measurement line movement ratio	0.27
39_Measurement line cross point marker size	7
40_DR and HR line hitch indentation (R side) of current bar	5
41_Medium Ranges line hitch indentation (R side) of current bar	2
42_Drawing apart the descriptions for Main Ranges, DR and HR	4
43_Drawing apart the descriptions for Average Ranges	7
44_Moving left the des. of Main Ranges counting of current bar	30
45_Moving (left) Fold Ranges des. Counting of current bar	45
46_Mov. Left the des. of Average Ranges counting of current bar	52
47_Moving right the des. of DR and HR counting of current bar	5
48_Price line length left on the chart by ABCD hist	9
>	>
======== Time / Cycles / Numeric Values... Distinctions:	========Time / Cycles / Basic Numeric Values / Numeric Values / Distinctions:
49_ Exact BNV or ANV value day distinction colour	243,171,243
50_1 day before and after BNV or ANV val. day distinc. colour	Gold
51_MNV day distinction colour	Black
52_Distinction days individual values (insert the decimals)	
53_Individual value day distinction colour	Blue
>	>

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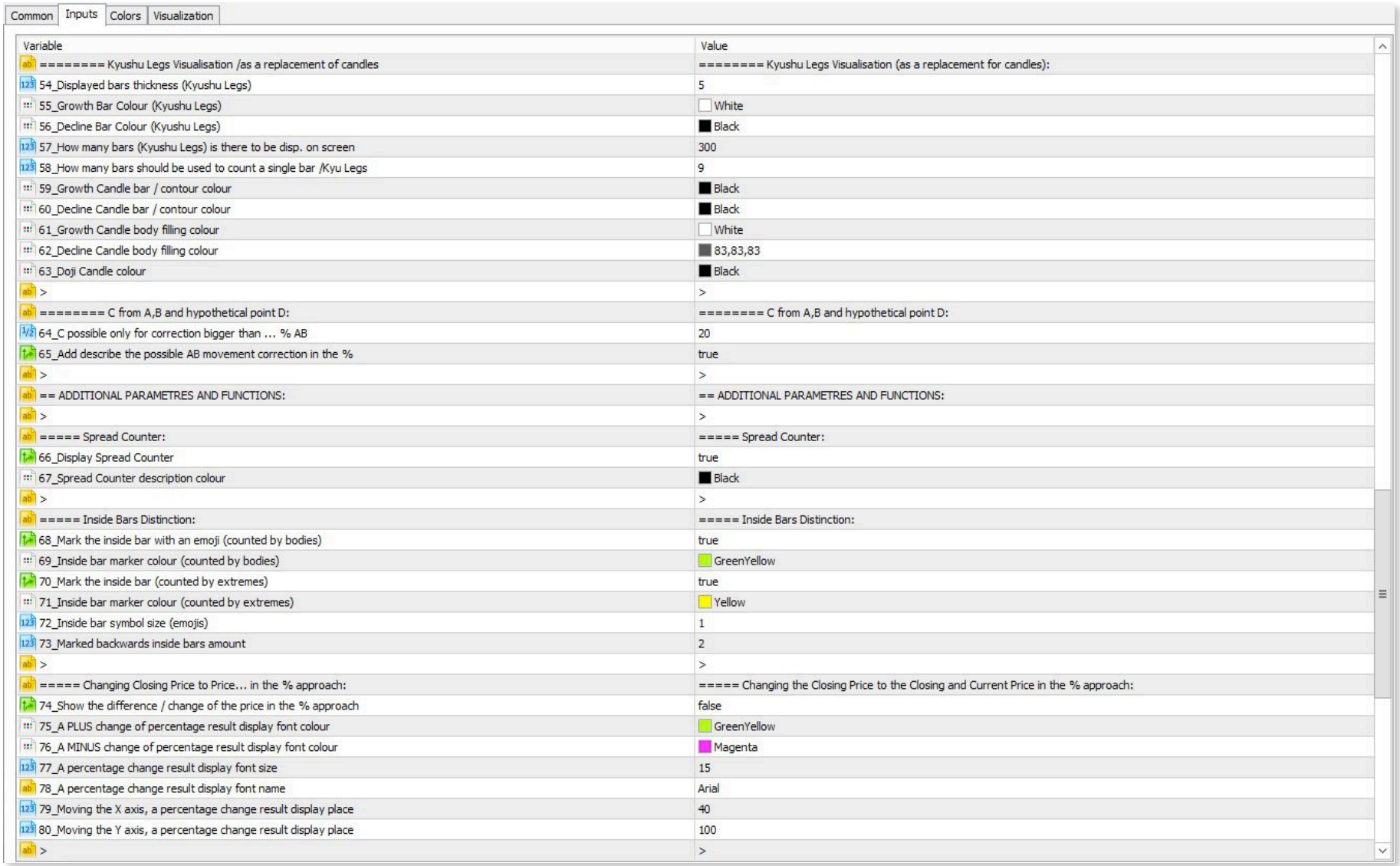

Common | Inputs | Colors | Visualization

Variable	Value
======== Kyushu Legs Visualisation /as a replacement of candles	======== Kyushu Legs Visualisation (as a replacement for candles):
54_Displayed bars thickness (Kyushu Legs)	5
55_Growth Bar Colour (Kyushu Legs)	White
56_Decline Bar Colour (Kyushu Legs)	Black
57_How many bars (Kyushu Legs) is there to be disp. on screen	300
58_How many bars should be used to count a single bar /Kyu Legs	9
59_Growth Candle bar / contour colour	Black
60_Decline Candle bar / contour colour	Black
61_Growth Candle body filling colour	White
62_Decline Candle body filling colour	83,83,83
63_Doji Candle colour	Black
>	>
======== C from A,B and hypothetical point D:	======== C from A,B and hypothetical point D:
64_C possible only for correction bigger than ... % AB	20
65_Add describe the possible AB movement correction in the %	true
>	>
== ADDITIONAL PARAMETRES AND FUNCTIONS:	== ADDITIONAL PARAMETRES AND FUNCTIONS:
>	>
===== Spread Counter:	===== Spread Counter:
66_Display Spread Counter	true
67_Spread Counter description colour	Black
>	>
===== Inside Bars Distinction:	===== Inside Bars Distinction:
68_Mark the inside bar with an emoji (counted by bodies)	true
69_Inside bar marker colour (counted by bodies)	GreenYellow
70_Mark the inside bar (counted by extremes)	true
71_Inside bar marker colour (counted by extremes)	Yellow
72_Inside bar symbol size (emojis)	1
73_Marked backwards inside bars amount	2
>	>
===== Changing Closing Price to Price... in the % approach:	===== Changing the Closing Price to the Closing and Current Price in the % approach:
74_Show the difference / change of the price in the % approach	false
75_A PLUS change of percentage result display font colour	GreenYellow
76_A MINUS change of percentage result display font colour	Magenta
77_A percentage change result display font size	15
78_A percentage change result display font name	Arial
79_Moving the X axis, a percentage change result display place	40
80_Moving the Y axis, a percentage change result display place	100
>	>

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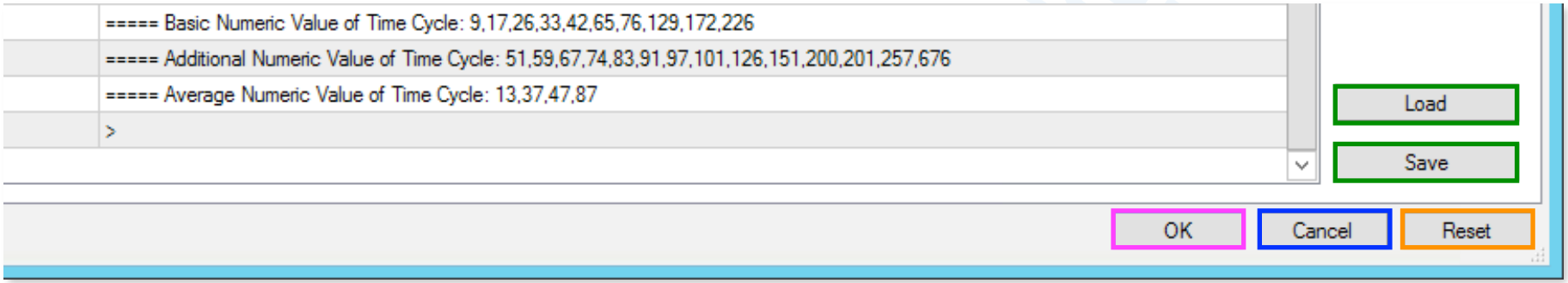
===== Leading cycle marker:	===== Leading cycle marker placed on the future price line
81_Marker overtaking the color	Black
82_Marker no. 1 overtaking the bar from the current bar	9
83_Marker no. 2 overtaking the bar from the current bar	26
>	>
===== Protection against accidental removal of the measurement:	===== Protection: „Press and hold „Z" button and click „Delete"..."
84_Delete measurements without protection	true
>	>
===== Records in the 5/7 or 7/7 cycle (days):	===== Time conversions in the info panel / records in the 5/7 or 7/7 cycle (days):
85_Records in the 7/7 cycle (days)	false
>	>
= LEGEND:	= LEGEND:
===== des.	===== descriptions
===== DR	===== Denying Ranges
===== HR	===== Habitual Ranges
===== Aut.	===== Automatic Measurement
===== RAN	===== Range
===== CUR	===== Current
===== MR (Main Ranges)	===== Ranges of prices estimated according to the basic V, N, E, NT formulas
===== (M)	===== Measurement between point A, B and C / Measurement button (M)
===== (CC)	===== Measurement from point A, B and C to the current bar / Current Counter button (CC)
===== BNV	===== Basic Numeric Value of Time Cycle: 9,17,26,33,42,65,76,129,172,226
===== ANV	===== Additional Numeric Value of Time Cycle: 51,59,67,74,83,91,97,101,126,151,200,201,257,676
===== AvNV	===== Average Numeric Value of Time Cycle: 13,37,47,87

In the right column you can individually personalise every parameter whenever needed. The configuration can be saved using the Save button. When re-applying the indicator, the configuration can be used by pressing the Load button.

You can confirm the changes by pressing the OK button, cancel them by pressing the Cancel button or return to the default settings by pressing the Reset button.



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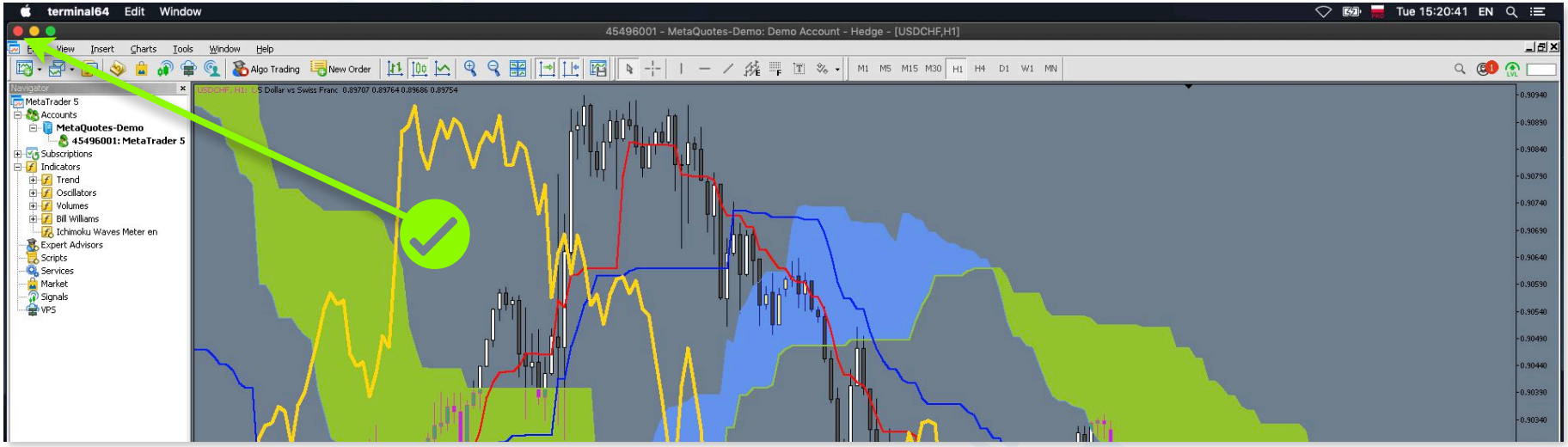
4. Closing the MT5 platform on the macOS computers.

Saving the applied measurements and closing the MT5 program correctly on the macOS computers.

When we want the measurements that we've applied onto the chart **to be saved** so that we can continue working on them when we'll open the MT5 platform again, we have to **exit the app using** by closing the window with the **red dot** ⊗ used for closing the program window. If we do that, all the changes will be saved.



On the other hand, if we exit the MT5 app installed on the MAC computer by choosing the **QUIT** function (from the head bar level) or by choosing the **FINISH / QUIT** function (from the Dock level), the performed measurements will not be saved. When exiting in such a way, all the changes (not only the measurements, but also visibility of the windows, buttons, etc.) applied onto the MT5 are cancelled just as it'll happen if we choose the **CANCEL** button.

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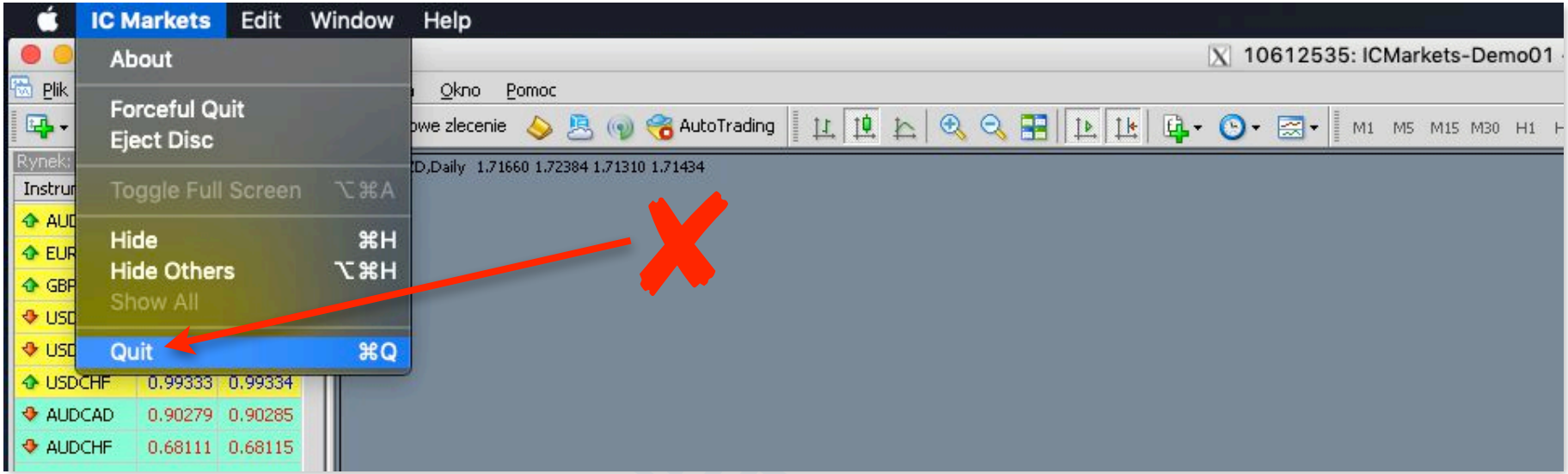

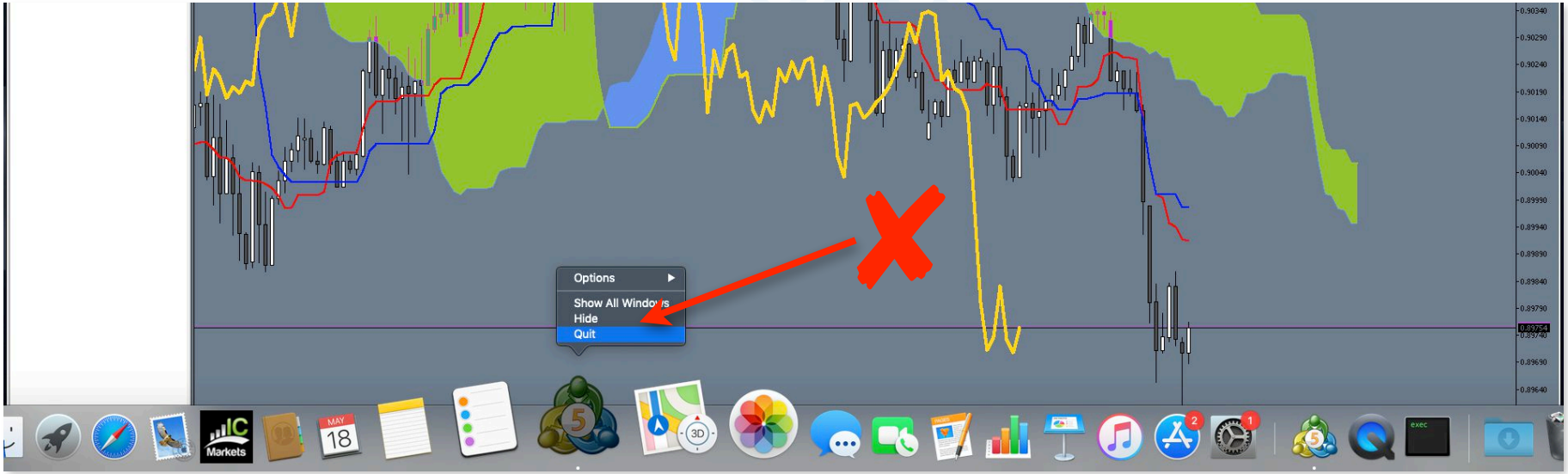

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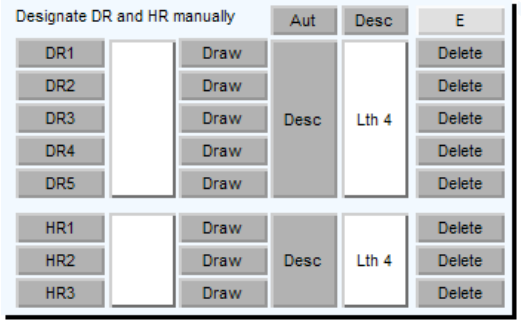
V. Ichimoku waves meter — buttons and indicator functions panel / graphic division.

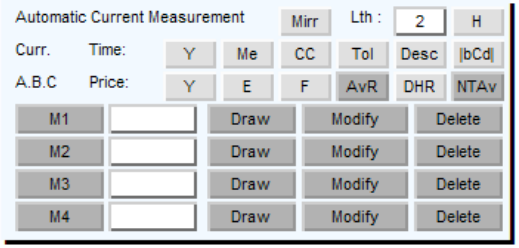
1. **Main menu panel** — it enables the selection of the functional modules.

2. **Functional modules.**

2.1. **„DHR" — price Habitual Ranges** manual and automatic **measurement panel.**



2.2. **„AcM" — Automatic Current ABC Measurement** (of impulse and correction)**; of change time and price movement potential ranges projection; of allocating possible D points.**



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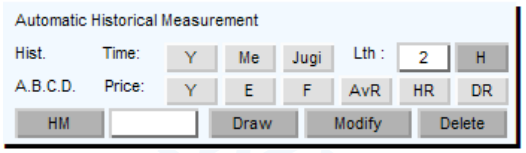
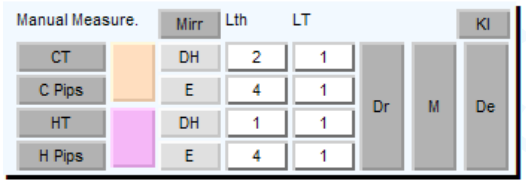
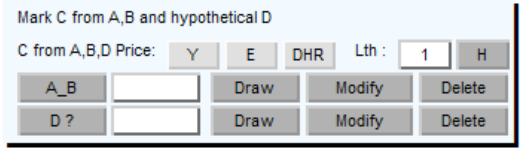
2.3. **„AhM" — Automatic Historical ABCD Measurement** (of the performed N, Y, P, S wave)**; of verifying the existing relations.**



2.4. **„MM" — Manual AB Measurement / single impulses and corrections measurement.**



2.5. **C from ABD — panel of allocating the price Habitual Ranges** (Denying and Habitual) **measured from the measurement point A** and **the possible Correction Deepness** based on point A, B and hypothetical level D.



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Along with the acquisition of rights to the perpetual license for the Ichimoku waves meter program, an extended user's manual will be added as well.

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