**Project : Modifying 2 pre-made indicators as I described**

I have a request of modifying functions in 2 pre-made indicators.

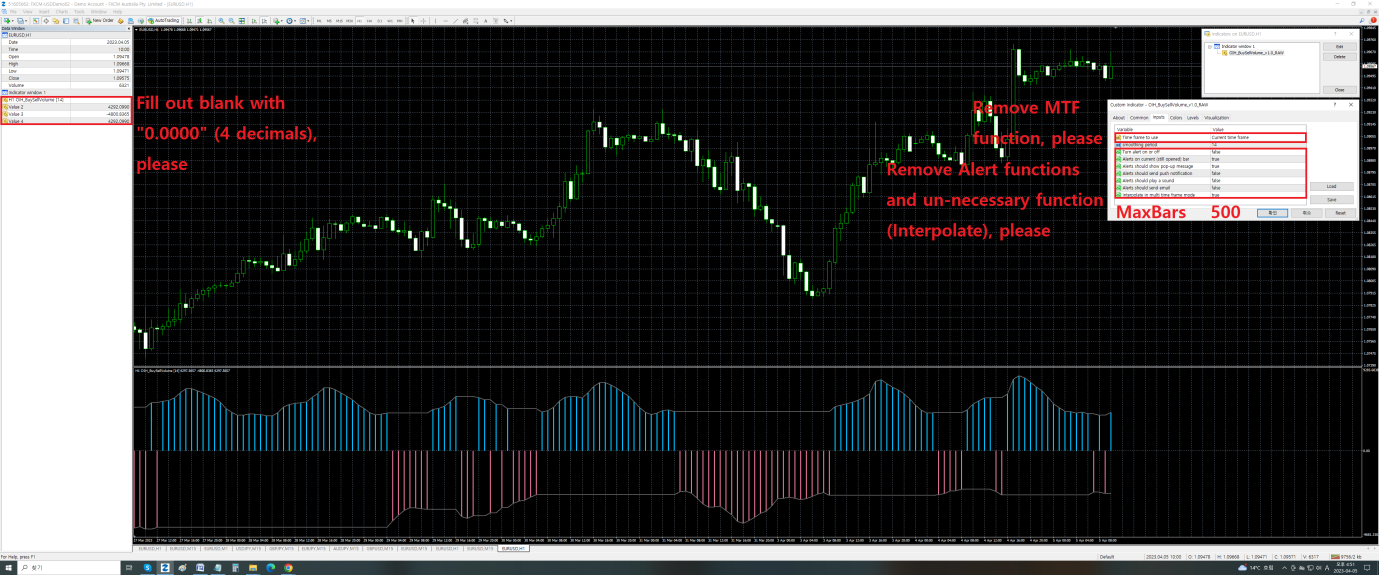


Image of OIH\_BuySellVolume\_v1.0\_RAW\_2304051703 01

**1. Update code, please.**

**2. Fill out blank with “0.0000” (4 decimals), please.**

**3. Remove MTF function, please.**

**4. Remove Alert functions, please.**

**5. Remove un-necessary function (Interpolate), please.**

**6. Change buffers order as followings below, please.**

**Current** **Future**

v1 is for negative bar (colored as PaleVioletRed) 🡺 positive bar (colored as DeepSkyBlue)

v2 is for positive bar (colored as DeepSkyBlue) 🡺 negative bar (colored as PaleVioletRed)

v3 is for lower line (colored as DimGray) 🡺 upper line (colored as DimGray)

v4 is for upper line (colored as DimGray) 🡺 lower line (colored as DimGray)

v5 is for increasing positive bar \*\* new buffer

v6 is for decreasing negative bar \*\* new buffer

For more details of v5 and v6, take a look at below

**“Image of OIH\_BuySellVolume\_v1.0\_RAW\_2304051703 02”**, please

**7. I need “MaxBars” function (500 as default setting).**

MaxBars 500

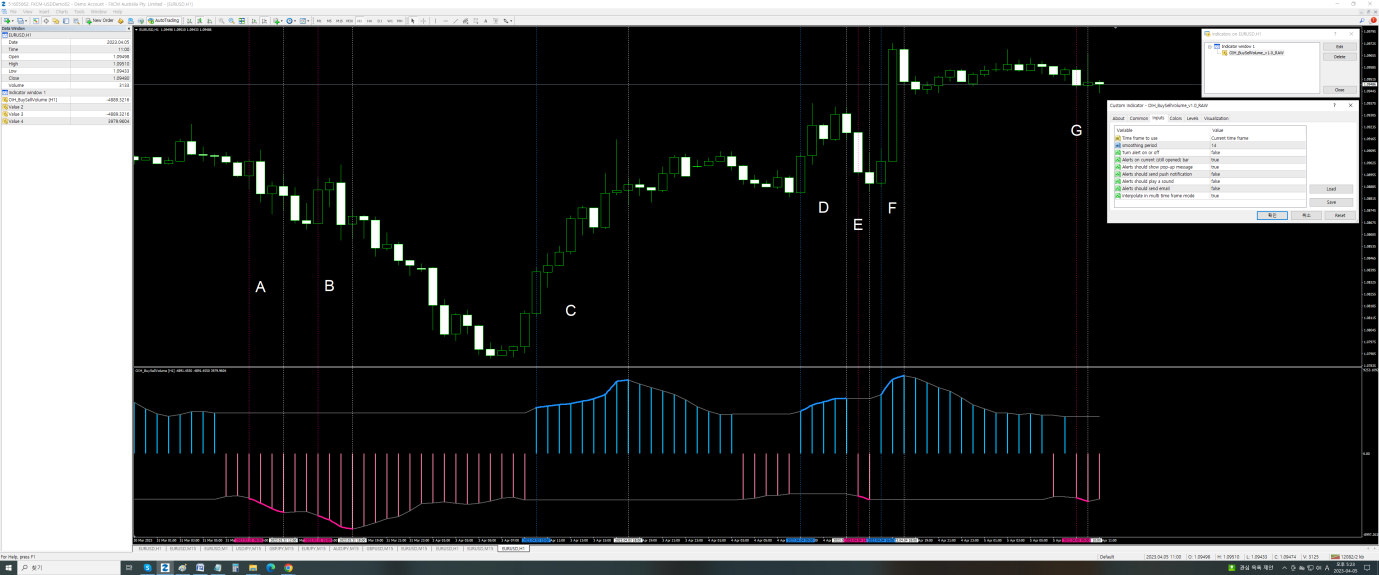


Image of OIH\_BuySellVolume\_v1.0\_RAW\_2304051703 02

**Section A** – **Lower line decreased** from the 1st previous to current candle

🡺 It will show v6 == value of v4 (lower line)

🡺🡺 v1 == 0.0000 (positive bar), v2 == numerical value (negative bar),

v3 == numerical value (upper line), v4 == numerical value (lower line),

**v5 == 0.0000 and v6 == numerical value**

And it will show **DeepPink colored lower line (Width 5)** at sub\_window on current candle

**Section B** - **Lower line decreased** from the 1st previous to current candle

🡺 It will show v6 == value of v4 (lower line)

🡺🡺 v1 == 0.0000 (positive bar), v2 == numerical value (negative bar),

v3 == numerical value (upper line), v4 == numerical value (lower line),

**v5 == 0.0000 and v6 == numerical value**

And it will show **DeepPink colored lower line (Width 5)** at sub\_window on current candle

**Section C** – **Upper line increased** from the 1st previous to current candle

🡺 It will show v5 == value of v3 (upper line)

🡺🡺 v1 == numerical value (positive bar), v2 == 0.0000,

v3 == numerical value (upper line), v4 == numerical value (lower line),

**v5 == numerical value and v6 == 0.0000**

And it will show **DodgerBlue colored upper line (Width 5)** at sub\_window on current candle

**Section D** - **Upper line increased** from the 1st previous to current candle

🡺 It will show v5 == value of v3 (upper line)

🡺🡺 v1 == numerical value (positive bar), v2 == 0.0000,

v3 == numerical value (upper line), v4 == numerical value (lower line),

**v5 == numerical value and v6 == 0.0000**

And it will show **DodgerBlue colored upper line (Width 5)** at sub\_window on current candle

**Section E** - **Lower line decreased** from the 1st previous to current candle

🡺 It will show v6 == value of v4 (lower line)

🡺🡺 v1 == 0.0000 (positive bar), v2 == numerical value (negative bar),

v3 == numerical value (upper line), v4 == numerical value (lower line),

**v5 == 0.0000 and v6 == numerical value**

And it will show **DeepPink colored lower line (Width 5)** at sub\_window on current candle

**Section F** - **Upper line increased** from the 1st previous to current candle

🡺 It will show v5 == value of v3 (upper line)

🡺🡺 v1 == numerical value (positive bar), v2 == 0.0000,

v3 == numerical value (upper line), v4 == numerical value (lower line),

**v5 == numerical value and v6 == 0.0000**

And it will show **DodgerBlue colored upper line (Width 5)** at sub\_window on current candle

**Section G** - **Lower line decreased** from the 1st previous to current candle

🡺 It will show v6 == value of v4 (lower line)

🡺🡺 v1 == 0.0000 (positive bar), v2 == numerical value (negative bar),

v3 == numerical value (upper line), v4 == numerical value (lower line),

**v5 == 0.0000 and v6 == numerical value**

Sometimes, there will be case as below.

1. Upper line did not increase from the 1st previous to current candle

&&

2. Lower Line did not decrease from the 1st previous to current candle

If so, new indicator will show v5 == 0.0000 and v6 == 0.0000 in data window.

**Finally new indicator will have buffers in data window and parameter options as followings below.**

**In data window**

v1 Positive Bar 1.1234 / 0.0000

v2 Negative Bar 0.0000 / 1.1234

v3 Upper Line 1.1234

v4 Lower Line 1.1234

v5 Increasing Upper Line 1.1234 / 0.0000

v6 Decreasing Lower Line 0.0000 / 1.1234

**In parameter**

Variable Value

Smoothing Period 14

MaxBars 500

File name of a new indicator will be **“OIH\_BuySellVolume\_v1.0”.**

Below is for 2nd request.



Image of OIH\_MFI\_Divergence\_v1.0\_RAW\_2304051643

**1. Update code, please.**

**2. Fill out blank with “0.0000” (4 decimals), please.**

**3. Remove MTF function, please.**

**4. Remove un-necessary function (color options and Interpolate), please.**

5. Change buffers order as followings below, please.

Current indicator has following buffers.

v1 is for common value

v2 is for oversold value

v3 \*\* Not used \*\*

v4 is for overbought value

v5 \*\* Not used \*\*

v6 is for Lower divergence (Green colored solid line)

v7 is for Lower Hidden divergence (Green colored and dotted line)

v8 is for Upper divergence (Red colored solid line)

v9 is for Upper Hidden divergence (Red colored and dotted line)

\*\* v3 and v5 were removed \*\*

Current Future

v1 🡺 Same as current

v2 🡺 v4

v3 🡺 v2

v4 🡺 v8

v5 🡺 v9

v6 🡺 v6

v7 🡺 v7

**Finally, new indicator will have new buffers as followings below.**

v1 **Common**

v2 **Overbought**

v3 **Oversold**

v4 **Upper Divergence** (Red colored solid line above candle)

v5 **Upper Hidden Divergence** (Red colored and dotted line above candle)

v6 **Lower Divergence** (Green colored solid line below candle)

v7 **Lower Hidden Divergence** (Green colored and dotted line below candle)

New indicator will have options in parameter as followings below.

Variable Value

Time frame to use Current 🡺 Removed

**MFI Period 12.0**

**Oversold Level 30.0**

**Overbought Level 70.0**

Oversold Color Blue 🡺 Removed

Overbought Color Red 🡺 Removed

**Should the divergence be visible True**

**Divergence lines on MACD visible? False**

**Divergence lines on main chart visible? True**

Divergence Arrows on first MTF bar? False 🡺 Removed

Divergence Arrows Size 1 🡺 Removed

Upper Gap between Divergence Arrows and… 0.05 🡺 Removed

Lower Gap between Divergence Arrows and… 0.05 🡺 Removed

**Classical Divergence Visible True**

**Hidden Divergence Visible True**

Bullish Divergence Color LineGreen 🡺 Removed

. 🡺 Removed

. 🡺 Removed

. 🡺 Removed

Interpolate in multi time frame mode? True 🡺 Removed

**Finally, new indicator will have options in parameter as followings below.**

Variable Value

MFI Period 12.0

Oversold Level 30.0

Overbought Level 70.0

Should the divergence be visible True

Divergence lines on MACD visible? False

Divergence lines on main chart visible? True

Classical Divergence Visible True

Hidden Divergence Visible True

MaxBars 500

And color options removed in parameter option will be adjustable only in the code if necessary.

File name of a new indicator will be **“OIH\_MFI\_Divergence\_v1.0”.**

**Requirement(s)**

∙ It should work properly as I described.