**Project : Modifying 3 pre-made indicators as I described**

I have few requests of modifying 3 pre-made indicators as followings below.

Firstly, it is for new indicator of “OIH\_SR\_Dots\_v1.0".

Current indicator dies not have "MaxBars” function.

**MaxBars 500**

File name of a new indicator will be **“OIH\_SR\_Dots\_v1.1”.**

Below request is for new indicator that shows Bars at sub\_window of “OIH\_SR\_Dots\_v1.1".

Firstly, take a look at below image, please.



Image of OIH\_SR\_Dots\_v1.0\_2106190123 01

2106160500 **New Support** happened on current candle.

It will show **DeepSkyBlue** colored bar sized as **1.0** at sub\_window.

And it will show **"v1 == 1.0”** in data window at this moment.

And also, **“v2 == 0.0”** at this moment.

This DeepSkyBlue bar and values (“v1 == 1.0” and “v2 == 0.0”) will be shown continuously till new Resistance happened on current candle.

0900 **New Resistance** happened on current candle.

It will show **DarkOrange** colored bar sized as **-1.0** at sub\_window.

And it will show **"v2 == -1.0”** in data window at this moment.

And also, **“v1 == 0.0”** at this moment.

This DarkOrange bar and values (“v1 == 0.0” and “v2 == -1.0”) will be shown continuously till new Support happened on current candle.

1500 **New Resistance** happened on current candle.

It will show **DarkOrange** colored bar sized as **-1.0** at sub\_window.

And it will show **"v2 == -1.0”** in data window at this moment.

And also, **“v1 == 0.0”** at this moment.

This DarkOrange bar and values (“v1 == 0.0” and “v2 == -1.0”) will be shown continuously

till new Support happened on current candle.

2106161600 **New Support** happened on current candle

It will show **DeepSkyBlue** colored bar sized as **1.0** at sub\_window.

And it will show **"v1 == 1.0”** in data window at this moment.

And also, **“v2 == 0.0”** at this moment.

This DeepSkyBlue bar and values (“v1 == 1.0” and “v2 == 0.0”) will be shown

continuously till new Resistance happened on current candle.

**Breakout by Price\_Low**

For more details at 2021.06.16 21:00, take a look at below image, please.



Image of OIH\_SR\_Dots\_v1.0\_2106190123 02

As you know well, the last was support happened at 2106161600.

**But “Breakout by Price\_Low” happened at 21:00.**

At 2021.06.16 21:00, it shows values in data window as followings below.

Price\_Low 1.20078

v2 Current Support 1.21095

🡺 At this moment, **“breakout by Price\_Low” happened.**

It will show **DarkOrange** colored bar sized as **-1.0** at sub\_window.

And it will show **"v2 == -1.0”** in data window at this moment.

And also, **“v1 == 0.0”** at this moment.

This DarkOrange bar and values (“v1 == 0.0” and “v2 == -1.0”) will be shown continuously

till new Support happened on current candle.

🡺🡺 For reference, if **“breakout by Price\_High” happened** on current candle, it will show

**DeepSkyBlue** colored bar sized as **1.0** at sub\_window.

And it will show **"v1 == 1.0”** in data window at this moment.

And also, **“v2 == 0.0”** at this moment.

This DeepSkyBlue bar and values (“v1 == 1.0” and “v2 == 0.0”) will be shown continuously

till new Resistance happened on current candle.

2106170300 **New Support** happened on current candle

It will show **DeepSkyBlue** colored bar as sized **1.0** at sub\_window.

And it will show **"v1 == 1.0”** in data window at this moment.

And also, **“v2 == 0.0”** at this moment.

This DeepSkyBlue bar and values (“v1 == 1.0” and “v2 == 0.0”) will be shown

continuously till new Resistance happened on current candle.

**Rare cases of Support and Resistance happening at the same time**



Image of OIH\_SR\_Dots\_v1.0\_2106190123 03

2106141700 **New Resistance** happened on current candle.

It will show **DarkOrange** colored bar sized as **-1.0** at sub\_window.

And it will show **"v2 == -1.0”** in data window at this moment.

And also, **“v1 == 0.0”** at this moment.

This DarkOrange bar and values (“v1 == 0.0” and “v2 == -1.0”) will be shown

continuously till new Support happened on current candle.

2200 **Support and Resistance happened at the same time on current candle**

Price\_High 1.21226

Price\_Low 1.21161

v1 Current Resistance 1.21226

v2 Current Support 1.21161

🡺 Price\_High == v1 Current Resistance == 1.21226

Price\_Low == v2 Current Support == 1.21161

As you can see, New Support and Resistance happened at the same time on current

candle.

It will show **“DeepSkyBlue colored bar sized as 1.0”** and **“DarkOrange colored bar”**

**sized as -1.0”** at sub\_window at the same time.

And it will show **"v1 == 1.0”** and **"v2 == -1.0”** in data window at this moment.

**This “DeepSkyBlue bar”, “DarkOrange bar” at sub\_window, “v1 == 1.0” and**

**“v2 == -1.0” in data window will be shown continuously till new Support or**

**Resistance happened on current candle.**

**Summary**

New indicator will have 2 buffers as followings below.

v1 Trend Up ISM 1.0 / 0.0

v2 Trend Down ISM -1.0 / 0.0

**Extra explanations of conditions**

Previous Current

Support Resistance

🡺 **New Resistance** happened on current candle

v1 == 0.0 and v2 == -1.0 in data window

DarkOrange bar sized as -1.0 at sub\_window

Previous Current

Resistance Support

🡺 **New Support** happened on current candle

v1 == 1.0 and v2 == 0.0 in data window

DeepSkyBlue bar sized as 1.0 at sub\_window

Previous Current

Support Support && Resistance

🡺 **New Support && Resistance** happened on current candle at the same time

v1 == 1.0 and v2 == -1.0 in data window

DeepSkyBlue bar sized as 1.0 and DarkOrange bar sized as -1.0 at sub\_window

Previous Current

Resistance Support && Resistance

🡺 **New Support && Resistance** happened on current candle at the same time

v1 == 1.0 and v2 == -1.0 in data window

DeepSkyBlue bar sized as 1.0 and DarkOrange bar sized as -1.0 at sub\_window

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

Below is request of modifying “OIH\_VCustom\_v1.0\_RAW\_2106190128”.



Image of OIH\_VCustom\_v1.0\_RAW\_2106190128 01

Change 500 of “VC\_Bars2Check” and 500 of “VC\_DynanicSRPeriod” with 150 respectively, please.

VC\_Bars2Check 500 🡺 **150**

VC\_DynanicSRPeriod 500 🡺 **150**

Remove 2 alert options in parameter, and also in the code, please.

VC\_AlertON 🡺 remove

VC\_AlertSRAnticipation 🡺 remove

And there are options of colors and width at bottom in parameter.

I hope **all options of colors and widths to be located in the code**, not in parameter.

And I hope you to **update the code**.

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

Below is for new indicator using ISM calculation of “OIH\_VCustom\_v1.0”.



Image of OIH\_VCustom\_v1.0\_RAW\_2106190128 02

2106110400 v1 == 4.5833 && v2 == -1.1667

🡺 v1 > 4.0 && v2 > -4.0

It will show **DarkOrange** colored bar as sized 1.0 at sub\_window.

And it will show **"v1 == 1.0”** in data window at this moment.

At this moment, it will show **“v2 == 0.0”** in data window.

This DarkOrange bar and value (“v1 == 1.0” and “v2 == 0.0”) will be shown

continuously till new condition happened on current candle.

**Rare cases of happening “Up” and “Down” at the same time**

For more details at 2106111000, take a look at below image, please.



Image of OIH\_VCustom\_v1.0\_RAW\_2106190128 03

1000 v1 == 4.1667 && v2 == -5.1282

🡺 v1 > 4.0 && v2 < -4.0

**It will show “DarkOrange colored bar as sized 1.0” and also “DeepSkyBlue colored bar**

**sized as -1.0” at sub\_window.**

And it will show **"v1 == 1.0”** and also **“v2 == -1.0”** in data window at the same time.

“DarkOrange bar sized as 1.0” (v1 == 1.0 in data window) and “DeepSkyBlue colored bar

sized as -1.0” (v2 == -1.0 in data window) will be shown continuously till new condition

(v1 > 4.0 or v2 < -4.0) happened on current candle.



Image of OIH\_VCustom\_v1.0\_RAW\_2106190128 04

2300 v1 == 4.9248 && v2 == 0.3156

🡺 v1 > 4.0 && v2 > -4.0

It will show DarkOrange colored bar as sized 1.0 at sub\_window.

And it will show "v1 == 1.0” in data window at this moment.

At this moment, it will show “v2 == 0.0” in data window.

This DarkOrange bar sized as 1.0 at sub\_window and value (v1 == 1.0) will be shown

continuously till new condition happened on current candle.



Image of OIH\_VCustom\_v1.0\_RAW\_2106190128 05

2106161000 v1 == 4.0191 && v2 == -4.8923

🡺 v1 > 4.0 && v2 < -4.0

**It will show “DarkOrange colored bar as sized 1.0” and also “DeepSkyBlue colored**

**bar sized as -1.0” at sub\_window.**

And it will show **"v1 == 1.0”** and also **“v2 == -1.0”** in data window at the same time.

“DarkOrange bar sized as 1.0” (v1 == 1.0 in data window) and “DeepSkyBlue colored

bar sized as -1.0” (v2 == -1.0 in data window) will be shown continuously till new

condition happened on current candle.

**Summary**

New indicator will have 2 buffers as followings below.

v1 Trend Up ISM 1.0 / 0.0

v2 Trend Down ISM 1.0 / 0.0

**Extra explanations of conditions**

v1 > 4.0 && v2 > -4.0 on current candle

🡺 DarkOrange colored bar as sized 1.0 at sub\_window, v1 == 1.0 && v2 == 0.0 in data window

v1 > 4.0 && v2 < -4.0 on current candle

🡺 DarkOrange colored bar as sized 1.0 and DeepSkyBlue colored bar as sized -1.0 at sub\_window

v1 == 1.0 && v2 == -1.0 in data window

v1 < 4.0 && v2 > -4.0 on current candle

🡺 **Not possible because of ISM calculation, but it can happen because of “VC\_Bars2Check**

**(150)”**

At this time, **v1 == 0.0 && v2 == 0.0** for this very rare case

v1 < 4.0 && v2 < -4.0 on current candle

🡺 DeepSkyBlue colored bar as sized -1.0 at sub\_window, v1 == 0.0 && v2 == -1.0 in data

window

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

Below is for details of modifying current “OIH\_Awesome2\_v1.0\_RAW\_2106190149”.

Firstly, take a look at below image, please.



Image of OIH\_Awesome\_v1.0\_RAW\_2106190149

Fill out the blanks in data window with **“0.000000”**, please.

**MaxBars 500**

**Update the code**, please.

And I don’t know if “ShowSignal” works properly or not.

Actually, I don’t use it at all, so I hope you to **remove “ShowSignal”** option if it is not necessary.

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

**Requirement(s)**

∙ It should work properly as I described.