Auto Order Block with break of structure

Detect Break of Structure, Mark Order Block and draw Entry / Stop and Risk to Reward lines
when Order block is touch by price with Alert. Trend is Manually set to filter signals in a
direction by a button on the chart. Entry / Stop and Risk to Reward lines can also be switch on /
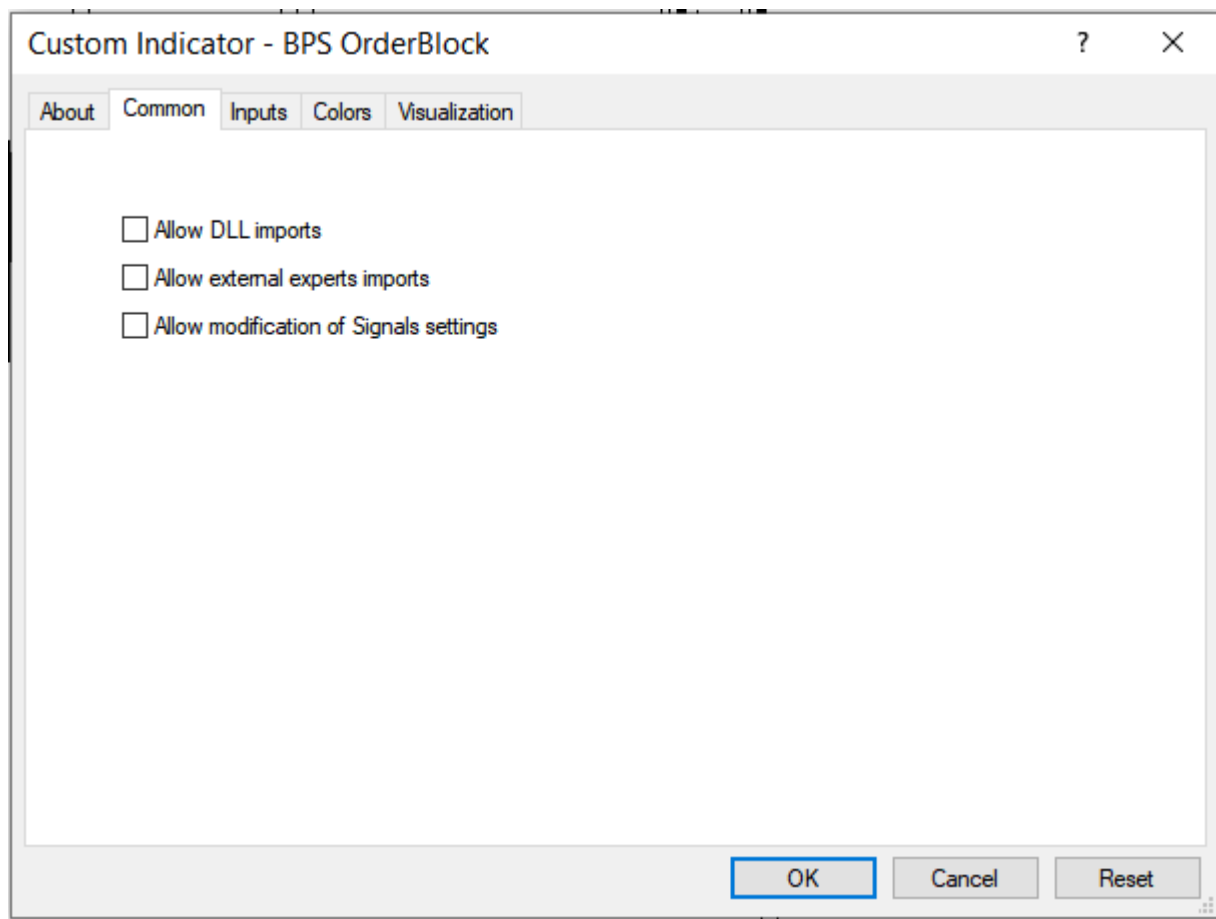off by button on chart.

Futures

- Break of Structure (BoS)   , On / Off by button
- Order block (OB)   , On / Off by button
- Higher time frame Order block / Point of Interest (POI)   , Multi time frame
  selected by button
- Fair value Gap (FVG) / Imbalance   , Multi time frame selected by button
- Volume Imbalance   , On / Off by button
- Gap's, On / Off by button
- Equal High / Low's   , On / Off by button
- Liquidity   , On / Off by button
    o Current Day High / Low
    o Previous Day High / Low
    o Current Week High / Low
    o Previous Week High / Low
    o Current Month High / Low
    o Previous Month High / Low
    o Daily Open
    o Weekly Open
- Sessions   , Selected by button
    o Asian , London and NY sessions
    o Kill Zone
    o Silver Bullet
    o Judas Swing
- Alerts
    o BoS Alerts
    o New OB Formed Alerts
    o OB touched Alerts
    o OB and POI touch alerts
    o Fair value Gap (FVG)/ Imbalance touch Alerts
    o Equal High / Low Alerts
    o Liquidity touch Alerts
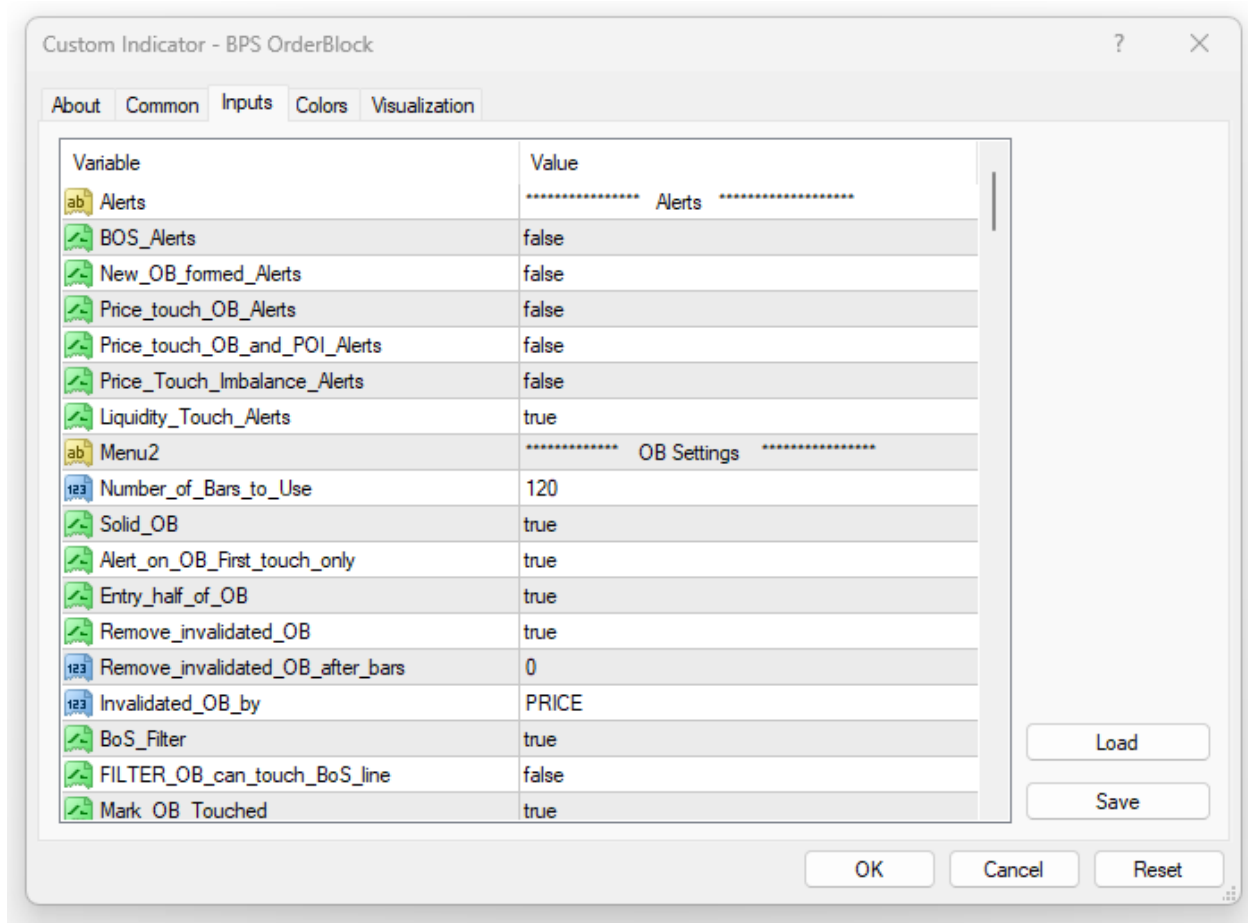
Add Indicator to chart.

Custom Indicator - BPS OrderBlock

About | Common | Inputs | Colors | Visualization

BPS OrderBlock 4.0

BPS OrderBlock with BoS , RR , POI , Imbalance   Copyright © 2023   For support send me a pm thru MQL store.

Auto Order Block with break of structure
Detect Break of Structure , Mark Order Block and draw Entry / Stop and Risk
to Reward lines when Order block is touch by price with Alert. Trend is Manually
set to filter signals in a direction by a button on the chart. Entry / Stop and
Risk to Reward lines can be switch on / off by button on chart.
Imbalance zones can be switch on / off by button on chart.
Higher timeframes POI can be switch on / off by button on chart.

OK   Cancel   Reset

No DLL imports necessary

Custom Indicator - BPS OrderBlock

About | **Common** | Inputs | Colors | Visualization

- ☐ Allow DLL imports
- ☐ Allow external experts imports
- ☐ Allow modification of Signals settings

[OK] [Cancel] [Reset]

Default settings / Inputs screen:

The default setting is optimized for general use except for Alerts which is off by default.

Variable	Value
Custom Indicator - BPS OrderBlock	? ✕

About Common **Inputs** Colors Visualization

Variable	Value
ab Alerts	**************** Alerts *******************
BOS_Alerts	false
New_OB_formed_Alerts	false
Price_touch_OB_Alerts	false
Price_touch_OB_and_POI_Alerts	false
Price_Touch_Imbalance_Alerts	false
Liquidity_Touch_Alerts	true
ab Menu2	************** OB Settings ****************
123 Number_of_Bars_to_Use	120
Solid_OB	true
Alert_on_OB_First_touch_only	true
Entry_half_of_OB	true
Remove_invalidated_OB	true
123 Remove_invalidated_OB_after_bars	0
123 Invalidated_OB_by	PRICE
BoS_Filter	true
FILTER_OB_can_touch_BoS_line	false
Mark_OB_Touched	true

Load

Save

OK   Cancel   Reset

Alerts:

Variable	Value
ab Alerts	***************** Alerts *****************
BOS_Alerts	false
New_OB_formed_Alerts	false
Price_touch_OB_Alerts	true
Price_touch_OB_and_POI_Alerts	false
Price_Touch_Imbalance_Alerts	false
Liquidity_Touch_Alerts	true

Enable alerts by setting it to **true**

Audio Alerts

In Meta trader under Options – Events make sure Enable is ticked for audio alerts

MT 4

Event	Action
Connect	connect.wav
Disconnect	disconnect.wav
Email Notify	email.wav
Timeout	timeout.wav
Ok	ok.wav
News	news.wav
Expert Advisor	expert.wav
Alert	alert.wav
Requote	alert.wav

MT 5

Options   ?   ✕

Server   Charts   Trade   Expert Advisors   OpenCL   **Events**   Notifications   Email   FTP   Community   Signals

☑ Enable sound events

Event	Action
🔔 Connect	connect.wav
🔔 Disconnect	disconnect.wav
🔔 Email Notify	email.wav
🔔 Timeout	timeout.wav
🔔 Ok	ok.wav
🔔 News	news.wav
🔔 Expert Advisor	expert.wav
🔔 Alert	alert.wav
🔔 Requote	alert.wav
🔔 Trailing Stop	stops.wav

OK   Cancel   Help

Notification alerts

In Meta trader under Options – Notifications make sure Enable Push Notifications and MetaQuotes ID is filled in for Mobile Notification alerts

MT4

MT 5
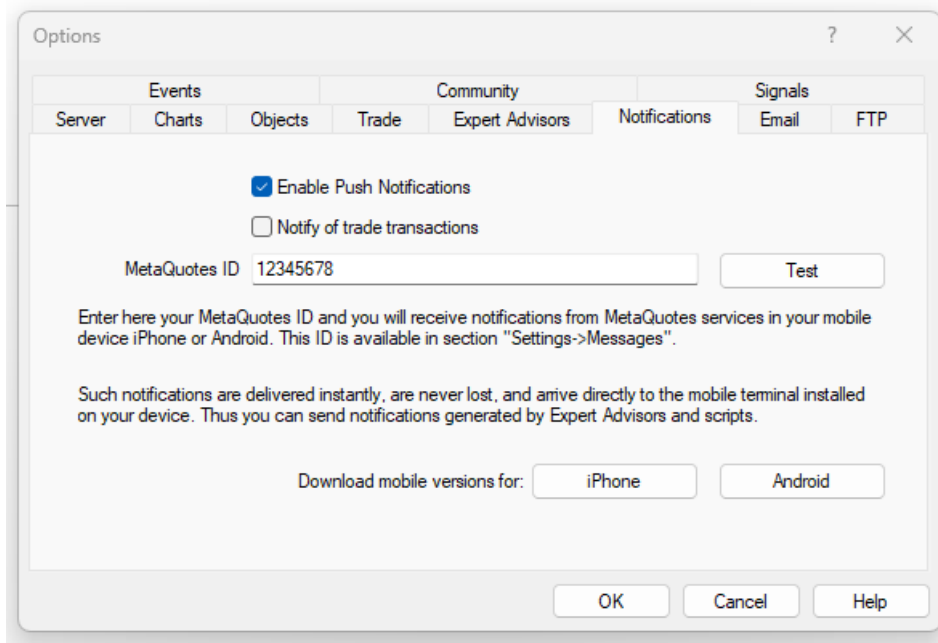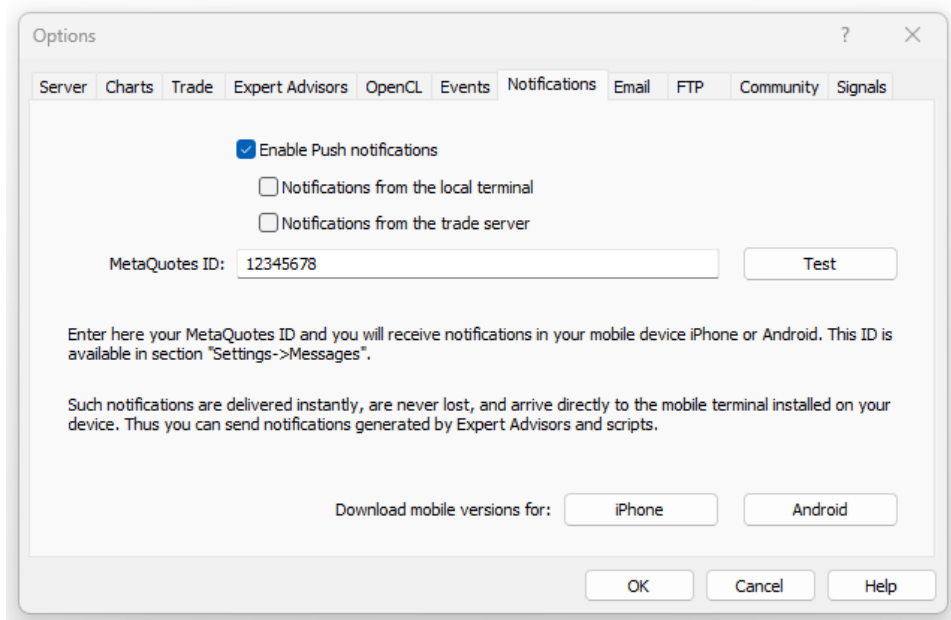
For more information: https://www.metatrader4.com/en/trading-platform/help/setup/settings_notifications

Order Block Settings.

Variable	Value
Menu2	************* OB Settings ****************
Number_of_Bars_to_Use	120
Solid_OB	true
Alert_on_OB_First_touch_only	true
Entry_half_of_OB	true
Remove_invalidated_OB	true
Remove_invalidated_OB_after_bars	0
Invalidated_OB_by	PRICE
BoS_Filter	true
FILTER_OB_can_touch_BoS_line	false
Mark_OB_Touched	true
Extend_Regtangle_by_x_bars	3

POI settings.

Variable	Value
Menu3	*************** POI Settings (Higher Timeframe OB)...
Mark_POI_Touched	false
Show_POI_BoS	false
Remove_invalidated_POI	true
Remove_invalidated_POI_after_bars	0
Invalidated_POI_by	PRICE
POI_TimeFrame_1	M1
POI_TimeFrame_2	M5
POI_TimeFrame_3	M15
POI_TimeFrame_4	M30
POI_TimeFrame_5	H1
POI_TimeFrame_6	H4
POI_TimeFrame_7	D1
POI_TimeFrame_8	W1
POI_TimeFrame_9	MN1
POI_Outline_Width	2
POI_BoS_Line_Width	4

VIB Settings

Variable	Value
Menu_VIB	**************** VIB Settings ********************
Vol_Imbalance_Length	20
Solid_VIB	false

GAP settings

Variable	Value
Menu_GAP	**************** GAP Settings ********************
Gap_Line_Length	10
Solid_Gap	false

Equal High / Low Settings

Variable	Value
Menu_EHL	**************** Equal High Low Settings *********...
High_Low_Mode	Fractal
Extend_Line	true
Menu_EHL_2	**** Points Settings (Fractal Mode) ****
Minimum_Bars_between_Points	0
Maximum_Bars_between_Points	20
Maximum_Point_difference_between_Points	2
Extended_Line_Length	50
Menu_EHL_3	**** Points Settings (Bar Mode) ****
Minimum_Bars_between_Points_bm	0
Maximum_Bars_between_Points_bm	2
Maximum_Point_difference_between_Points_bm	0
Extended_Line_Length_bm	50
Equal_H_L_Outline_Width	3

Liquidity Settings

Variable	Value
Menu_LIQ	**************** Liquidity Settings *******************
Show_Current_Day	false
Show_Previous_Day	true
Show_Current_Week	false
Show_Previous_Week	true
Show_Current_Month	false
Show_Previous_Month	true
Show_Previous_Sessions	false
Show_X_Days_Previous_Sessions	2
Extend_Liq_by_x_bars	10
Show_Liquidity_line_labels	true
Liq_Long_Label_names	true
Liquidity_Line_Width_Daily	1
Liquidity_Line_Width_Weekly	1
Liquidity_Line_Width_Monthly	2
Liquidity_Line_Width_Session	1
Liquidity_Line_Style	2

Sessions Settings

Variable	Value
Menu_Sessions	*************** Sessions Settings *************** ...
days	2
Show_NY_midnight	false
Show_Session_only_upto	M30
Draw_Regtange_as	Outline
TimeZone_Option	Auto
Manual_TimeZone	0
Show_Session_labels	true
Session_Long_Label_names	false

Session Time Settings

All time settings - Hours must be in NY time zone

Variable	Value
Session_Times	*************** Sessions Times ***************
ASIAN_start_hour	20
ASIAN_end_hour	6
LONDON_start_hour	3
LONDON_end_hour	12
NY_start_hour	8
NY_end_hour	17
KillZone_Times	*************** Kill Zone Times ***************
ASIAN_Killzone_start_hour	19
ASIAN_Killzone_end_hour	23
LONDON_Open_Killzone_start_hour	2
LONDON_Open_Killzone_end_hour	4
LONDON_Close_Killzone_start_hour	11
LONDON_Close_Killzone_end_hour	13
NY_Killzone_start_hour	7
NY_Killzone_end_hour	9
Silver_Bullet_Times	*************** Silver Bullet Times *************** ...
London_Open_Silver_Bullet_start_hour	3
London_Open_Silver_Bullet_end_hour	4
NY_AM_Session_Silver_Bullet_start_hour	10
NY_AM_Session_Silver_Bullet_end_hour	11
NY_PM_Session_Silver_Bullet_start_hour	14
NY_PM_Session_Silver_Bullet_end_hour	15

Other Settings

Variable	Value
Menu4	************ Other Settings ****************
Button_Corner	Right
Price_Font_Size	7
Popup_Alert	true
Push_Notifications	true
eMail_Alert	false
Minimum_minutes_between_Alerts	5
Take_Screenshot_on_Alert	false
Hide_Menu	false

Variable	Value
Menu_External_Sound	************ External Sound Settings ***********...
Menu_External_Sound1	
Menu_External_Sound2	Disable Alert Event under Options for this sound f...
Menu_External_Sound3	
Menu_External_Sound4	^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^ ...
Play_External_Sound_Files	false
SoundFile_Bullish_BoS	mysound1.wav
SoundFile_Bullish_OB	mysound2.wav
SoundFile_Bullish_Imbalance	mysound3.wav
SoundFile_Liquidty_High	mysound4.wav
SoundFile_Bearish_BoS	mysound5.wav
SoundFile_Bearish_OB	mysound6.wav
SoundFile_Bearish_Imbalance	mysound7.wav
SoundFile_Liquidty_Low	mysound8.wav
Update_Cycle	10

Set Timeframe, Normally All timeframes

MT 4

Custom Indicator - BPS OrderBlock ? ✕

About | Common | Inputs | Colors | Visualization

☑ All timeframes

☐ M1   ☐ M30   ☐ Daily
☐ M5   ☐ H1   ☐ Weekly
☐ M15   ☐ H4   ☐ Monthly

☑ Show in the Data Window

OK   Cancel   Reset

MT 5

BPS OrderBlock 4.1 — ☐ ✕

Common | Inputs | Colors | Visualization

☑ Show in Data Window

☑ All timeframes

⊞ ☑ Minutes
⊞ ☑ Hours
  ☑ Daily
  ☑ Weekly
  ☑ Monthly

OK   Cancel   Reset
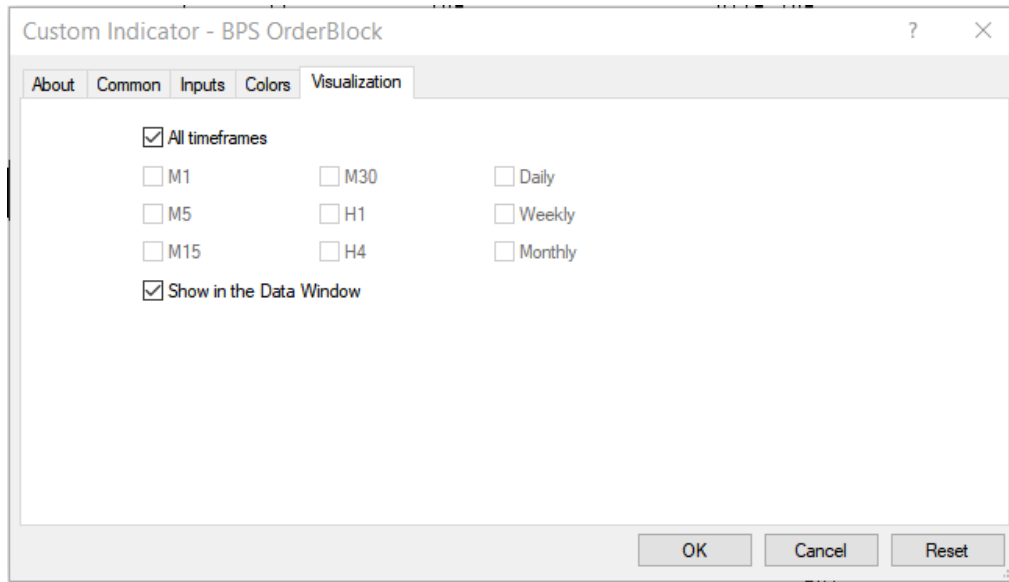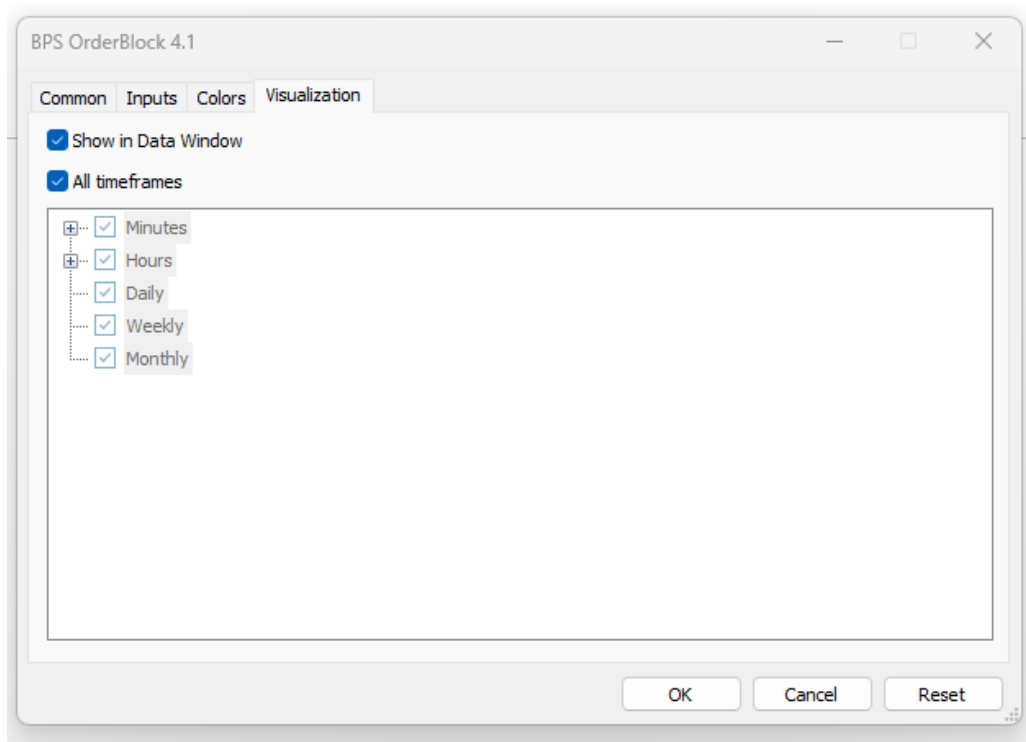
Enable "Chart Shift" to allow room for RR and Buttons on chart.

Button must be selected

MT 4
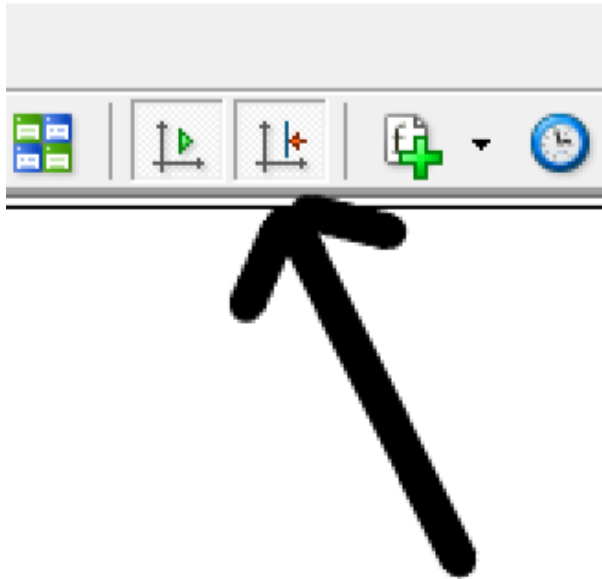
MT 5
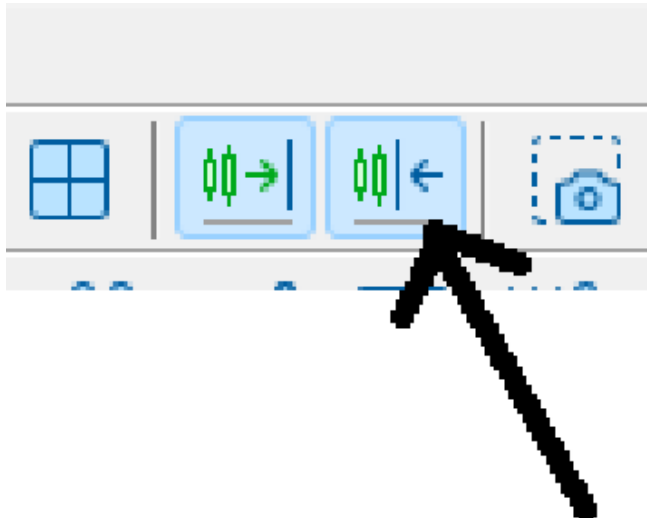
Indicator Buttons:

Click on the Button to change the status

Enabled ⁂	1	Enabled
OB ✓	2	Order Block
BOS ✓	3	BoS Enabled
OB RR Auto ❶	4	OB RR Auto
POI H1 ❺	5	POI H1
FVG Curr. ❿	6	FVG Current
Vol Imb ✗	7	Vol Imbalance
Gap's ✗	8	Gap's Off
EQ H/L ✗	9	EQ H/L Off
Liquidity ☑	10	Liquidity Chart
Sessions ⓿	11	Sessions
Price Lev ⓿	12	Price Levels Off

1. Button 1 - 4 states
   - Enabled - indictor is enabled
   - Trend Up - Up trend filter enabled
   - Trend Dn – Down trend filter enabled
   - Disabled – Indicator disabled
2. Button 2   OB - 2 states
   - OB enable - show OB's
   - OB disabled
3. Button 3   BoS – 2 states
   - BoS Enable – show Bos
   - BoS disable
4. Button 4   OB RR – 2 states
   - OB RR enable – show RR when current price touch OB
   - OB RR disabled
5. Button 5   POI   - 10 states
   - State 0 - Disable POI
   - State 1 to 9 - Show POI for the time frames setup under options
6. Button 6   FVG / Imbalance – 2 or 11 states depend on settings
   - State 0 – Disable FVG
   - State 1 to 9 - Show FVG for the time frames setup under options
   - State 10 – Show FVG / Imbalance for the current chart time frame
7. Button 7 – Volume Imbalance - 2 or 11 states depend on settings
   - Vol. Imb. Enable – show Volume Imbalance
   - Vol. Imb. disable
8. Button 8 Gab's – 2 states
   - Gap Enable – show Gaps
   - Gap disables
9. Button 9 Equal HL – 2 or 11 states depend on settings
   - Equal HL Enable – show Equal High and Low's
   - Equal HL disables
10. Button 10 Liquidity – 3 states
    - Liquidity Enable – show Liquidity on the chart
    - Liquidity Enable – show Liquidity on the right side of the chart
    - Liquidity disables
11. Button 11 Sessions - 9 states
    - Session – show Sessions
    - Kill zones – show Kill zone sessions
    - Silver Bullet - show Silver Bullet sessions
    - Sessions disables
12. Button 12 Price Levels - 6 states
    - Price OB – show OB price levels next to OB
    - Price POI – show POI price levels next to POI
    - Price FVG / IMB – show FVG / IMB price levels next to FVG / IMB

- Price Liq – show Liquidity price levels next to liquidity
- Price All – show OB, POI , FVG / IMB and Liquidity price levels
- Price Levels disables

-    - Take a Screenshot of current chart and save it

FAQ

- Buttons is on top of my chart / covering the chart
  - **Enable "Chart Shift"**

- Is the source code available?

  No

- Metatrader slow or non-responsive

  Goto each time frame of you chart and press "Home" button a couple of time to update and add more data / bar to your chart before you add indicator for the first time

- Where can I learn more about Order Blocks?

  Take a look at these YouTube Channels

  https://www.youtube.com/@InnerCircleTrader

  https://www.youtube.com/c/StarseedFX

  https://www.youtube.com/c/VertexInvesting

  https://www.youtube.com/c/mentfx

-

Terminology:

BOS - Break of Structure

OB – Order Block

POI – Point of Interest (Higher timeframe OB)

RR – Return on Risk / Risk / Reward ratio

FVG – Fair Value Gap

IMB – Imbalance