

# Orderflows Tension Indicator

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WWW.ORDERFLOWS.COM

The Orderflows Tension indicator highlights bars where there is a battle between supply and demand and one side clearly wins.

Can be used to spot reversals and for momentum trades.

The screenshot shows the 'Indicators' window in NinjaTrader. On the left, the 'Available' list contains various indicators, and the 'Configured' list shows 'Orderflows Tension(GC 04-20 (1 Minute))' highlighted. The 'Properties' dialog box is open, showing the 'License' section with a 'License token' field. Below it are sections for 'Settings', 'Trade entry signal', 'Visuals', 'Data Series', and 'Set up'. The 'Data Series' section shows 'GC 04-20 (1 Minute)' as the input series. At the bottom, there are 'OK', 'Cancel', and 'Apply' buttons.

Section	Property	Value
License	License token	
	Settings	
Settings	Enable Swing Filter	<input checked="" type="checkbox"/>
	Swing Period	5
	Balance Strength	3
	Balance Supply	2
Trade entry signal	Counter Balance Supply	1
	Enable Midbalance Filter	<input checked="" type="checkbox"/>
	Trade entry signal	
Trade entry signal	Enable	<input checked="" type="checkbox"/>
	Trade Price Level in Ticks (m...)	2
Trade entry signal	Trade validity in bars (max 5)	2
	Visuals	
Visuals	Signal Box height in ticks (0=d...	2
	Signal box high offset in ticks	0.5
	Signal box low offset in ticks	-0.5
	Signal Box opacity (0% - 100%)	10
	Signal Box width in bars (0=di...	5
	Signal mark displacement in t...	2
	Data Series	
Data Series	Input series	GC 04-20 (1 Minute)
Set up		

License token – where you enter the license token after importing the indicator into NinjaTrader and adding it to a chart.

Indicators

Available

- Orderflows AV
- Orderflows Bulge
- Orderflows Cutoff
- Orderflows Flop
- Orderflows Flow Trader
- Orderflows Intensity
- Orderflows Market Exhaustion
- Orderflows Market Flow Trader
- Orderflows Pressure
- Orderflows Pulse
- Orderflows Stuck Traders
- Orderflows Tension
- Orderflows Turns
- POCTrader
- PriceRejector

Configured

- Order Flows Trader(GC 04-20 (1 Minute))
- Current day OHL(GC 04-20 (1 Minute))
- Orderflows Tension(GC 04-20 (1 Minute))

add remove up down

Properties

▼ License

License token

▼ Settings

Enable Swing Filter

Swing Period 5

Balance Strength 3

Balance Supply 2

Counter Balance Supply 1

Enable Midbalance Filter

▼ Trade entry signal

Enable

Trade Price Level in Ticks (m... 2

Trade validity in bars (max 5) 2

▼ Visuals

Signal Box height in ticks (0=d... 2

Signal box high offset in ticks 0.5

Signal box low offset in ticks -0.5

Signal Box opacity (0% - 100%) 10

Signal Box width in bars (0=di... 5

Signal mark displacement in t... 2

▼ Data Series

Input series GC 04-20 (1 Minute)

▼ Set up

template

OK Cancel Apply

Enable Swing Filter and Swing Period.

Put a check mark in the box to enable the swing filter. Then determine the swing period to analyze. 5 is the default. A higher number covers a longer swing period. A smaller number looks for more recent swings.

Indicators

Available

- Orderflows AV
- Orderflows Bulge
- Orderflows Cutoff
- Orderflows Flop
- Orderflows Flow Trader
- Orderflows Intensity
- Orderflows Market Exhaustion
- Orderflows Market Flow Trader
- Orderflows Pressure
- Orderflows Pulse
- Orderflows Stuck Traders
- Orderflows Tension
- Orderflows Turns
- POCTrader
- PriceRejector

Configured

- Order Flows Trader(GC 04-20 (1 Minute))
- Current day OHL(GC 04-20 (1 Minute))
- Orderflows Tension(GC 04-20 (1 Minute))

Properties

- ▼ License
  - License token
- ▼ Settings
  - Enable Swing Filter
  - Swing Period 5
  - Balance Strength 3**
  - Balance Supply 2
  - Counter Balance Supply 1
  - Enable Midbalance Filter
- ▼ Trade entry signal
  - Enable
  - Trade Price Level in Ticks (m... 2
  - Trade validity in bars (max 5) 2
- ▼ Visuals
  - Signal Box height in ticks (0=d... 2
  - Signal box high offset in ticks 0.5
  - Signal box low offset in ticks -0.5
  - Signal Box opacity (0% - 100%) 10
  - Signal Box width in bars (0=di... 5
  - Signal mark displacement in t... 2
- ▼ Data Series
  - Input series GC 04-20 (1 Minute)
- ▼ Set up

add remove up down

template

OK Cancel Apply

Balance Strength – Default is 3. Minimum is 1. Maximum is 6. Determines how strong market direction is. Can be set to 0 if you want to disable this setting. The higher the number, the less signals.

The screenshot shows the 'Orderflows Tension' indicator settings. The 'Balance Supply' property is set to 2. The 'Available' list on the left includes indicators like Orderflows AV, Orderflows Bulge, Orderflows Cutoff, Orderflows Flop, Orderflows Flow Trader, Orderflows Intensity, Orderflows Market Exhaustion, Orderflows Market Flow Trader, Orderflows Pressure, Orderflows Pulse, Orderflows Stuck Traders, Orderflows Tension, Orderflows Turns, POCTrader, and PriceRejector. The 'Configured' list shows 'Order Flows Trader(GC 04-20 (1 Minute))', 'Current day OHL(GC 04-20 (1 Minute))', and 'Orderflows Tension(GC 04-20 (1 Minute))'. The 'Properties' panel is divided into sections: License (License token), Settings (Enable Swing Filter, Swing Period, Balance Strength, Balance Supply, Counter Balance Supply, Enable Midbalance Filter), Trade entry signal (Enable, Trade Price Level in Ticks (m...), Trade validity in bars (max 5)), Visuals (Signal Box height in ticks (0=d..., Signal box high offset in ticks, Signal box low offset in ticks, Signal Box opacity (0% - 100%), Signal Box width in bars (0=di..., Signal mark displacement in t...), Data Series (Input series), and Set up. The 'Balance Supply' property is highlighted with a white box. The 'Input series' is set to 'GC 04-20 (1 Minute)'. The 'OK', 'Cancel', and 'Apply' buttons are at the bottom.

Property	Value
License token	
Enable Swing Filter	<input checked="" type="checkbox"/>
Swing Period	5
Balance Strength	3
<b>Balance Supply</b>	<b>2</b>
Counter Balance Supply	1
Enable Midbalance Filter	<input checked="" type="checkbox"/>
Enable	<input checked="" type="checkbox"/>
Trade Price Level in Ticks (m...	2
Trade validity in bars (max 5)	2
Signal Box height in ticks (0=d...	2
Signal box high offset in ticks	0.5
Signal box low offset in ticks	-0.5
Signal Box opacity (0% - 100%)	10
Signal Box width in bars (0=di...	5
Signal mark displacement in t...	2
Input series	GC 04-20 (1 Minute)

Balance supply. Default is 2. Minimum is 1. Maximum is 5. Determines how supply is being distributed in the bar. To disable, set to 0. The higher the number, the less signals will appear as it would be too strict.

The screenshot shows the 'Orderflows Tension' indicator settings window. The 'Available' list on the left includes various indicators, with 'Orderflows Tension(GC 04-20 (1 Minute))' highlighted in yellow. The 'Configured' list shows the same indicator. The 'Properties' panel on the right is expanded to show the 'Settings' section, where 'Counter Balance Supply' is set to 1. Other settings include 'Enable Swing Filter' (checked), 'Swing Period' (5), 'Balance Strength' (3), 'Balance Supply' (2), 'Enable Midbalance Filter' (checked), 'Trade entry signal' (checked), 'Trade Price Level in Ticks (m...)' (2), 'Trade validity in bars (max 5)' (2), 'Signal Box height in ticks (0=d...)' (2), 'Signal box high offset in ticks' (0.5), 'Signal box low offset in ticks' (-0.5), 'Signal Box opacity (0% - 100%)' (10), 'Signal Box width in bars (0=di...)' (5), 'Signal mark displacement in t...' (2), 'Data Series' (GC 04-20 (1 Minute)), and 'Set up'.

Property	Value
License token	
Settings	
Enable Swing Filter	<input checked="" type="checkbox"/>
Swing Period	5
Balance Strength	3
Balance Supply	2
<b>Counter Balance Supply</b>	<b>1</b>
Enable Midbalance Filter	<input checked="" type="checkbox"/>
Trade entry signal	
Enable	<input checked="" type="checkbox"/>
Trade Price Level in Ticks (m...)	2
Trade validity in bars (max 5)	2
Visuals	
Signal Box height in ticks (0=d...)	2
Signal box high offset in ticks	0.5
Signal box low offset in ticks	-0.5
Signal Box opacity (0% - 100%)	10
Signal Box width in bars (0=di...)	5
Signal mark displacement in t...	2
Data Series	
Input series	GC 04-20 (1 Minute)
Set up	

Counter Balance Supply –  
Default is 1. Minimum is 0.  
Maximum is 5. This measures  
the opposite order flow  
strength.

The screenshot shows the 'Orderflows Tension' indicator settings. The 'Available' list on the left contains various indicators, and the 'Configured' list on the right shows the selected indicator. The 'Properties' panel on the right is divided into several sections: License, Settings, Trade entry signal, Visuals, Data Series, and Set up. The 'Enable Midbalance Filter' checkbox is checked, and a white box highlights this setting.

Section	Property	Value
Settings	Enable Swing Filter	<input checked="" type="checkbox"/>
	Swing Period	5
	Balance Strength	3
	Balance Supply	2
Trade entry signal	Enable	<input checked="" type="checkbox"/>
	Trade Price Level in Ticks (m...)	2
Visuals	Signal Box height in ticks (0=d...)	2
	Signal box high offset in ticks	0.5
	Signal box low offset in ticks	-0.5
	Signal Box opacity (0% - 100%)	10
	Signal Box width in bars (0=di...)	5
	Signal mark displacement in t...	2
Data Series	Input series	GC 04-20 (1 Minute)

Enable Midbalance Filter – Default is ON. To disable, uncheck the box. The Midbalance Filter ensures that the struggle between supply and demand in the bar is balanced throughout the bar. If disabled it may signal if there are concentrations of supply/demand in just an area of the bar instead.

Indicators

Available

- Orderflows AV
- Orderflows Bulge
- Orderflows Cutoff
- Orderflows Flop
- Orderflows Flow Trader
- Orderflows Intensity
- Orderflows Market Exhaustion
- Orderflows Market Flow Trader
- Orderflows Pressure
- Orderflows Pulse
- Orderflows Stuck Traders
- Orderflows Tension
- Orderflows Turns
- POCTrader
- PriceRejector

Configured

- Order Flows Trader(GC 04-20 (1 Minute))
- Current day OHL(GC 04-20 (1 Minute))
- Orderflows Tension(GC 04-20 (1 Minute))

Properties

- ▼ License
  - License token
- ▼ Settings
  - Enable Swing Filter
  - Swing Period 5
  - Balance Strength 3
  - Balance Supply 2
  - Counter Balance Supply 1
  - Enable Midbalance Filter
- ▼ Trade entry signal
  - Enable
  - Trade Price Level in Ticks (max 5) 2
  - Trade validity in bars (max 5) 2
- ▼ Visuals
  - Signal Box height in ticks (0=d... 2
  - Signal box high offset in ticks 0.5
  - Signal box low offset in ticks -0.5
  - Signal Box opacity (0% - 100%) 10
  - Signal Box width in bars (0=di... 5
  - Signal mark displacement in t... 2
- ▼ Data Series
  - Input series GC 04-20 (1 Minute)
- ▼ Set up

add remove up down

template

OK Cancel Apply

## Trade Entry Signal

To enable the trade entry signal put a check in the box next to Enable.

**Trade Price Level in Ticks**, default is 2. This is how far price must move beyond the signal bar, above the high for a buy or below the low for a sell to trigger.

**Trade Validity in Bar**, default is 2. This is the window after the signal bar, price must begin moving for a signal to be generated.

Indicators

Available

- Orderflows AV
- Orderflows Bulge
- Orderflows Cutoff
- Orderflows Flop
- Orderflows Flow Trader
- Orderflows Intensity
- Orderflows Market Exhaustion
- Orderflows Market Flow Trader
- Orderflows Pressure
- Orderflows Pulse
- Orderflows Stuck Traders
- Orderflows Tension
- Orderflows Turns
- POCTrader
- PriceRejector

Configured

- Order Flows Trader(GC 04-20 (1 Minute))
- Current day OHL(GC 04-20 (1 Minute))
- Orderflows Tension(GC 04-20 (1 Minute))

Properties

▼ License

License token

▼ Settings

Enable Swing Filter

Swing Period 5

Balance Strength 3

Balance Supply 2

Counter Balance Supply 1

Enable Midbalance Filter

▼ Trade entry signal

Enable

Trade Price Level in Ticks (m... 2

Trade validity in bars (max 5) 2

▼ Visuals

Signal Box height in ticks (0=d... 2

Signal box high offset in ticks 0.5

Signal box low offset in ticks -0.5

Signal Box opacity (0% - 100%) 10

Signal Box width in bars (0=di... 5

Signal mark displacement in t... 2

▼ Data Series

Input series GC 04-20 (1 Minute)

▼ Set up

add remove up down

template

OK Cancel Apply

## Visuals

**Signal box height in ticks** – how tall the zone is drawn.

**Signal box high offset in ticks** – where the sell zone appears on a sell.

**Signal box low offset in tick** – where the buy zone appears on a buy.

**Signal box opacity** – how light or dark the zone appears on a chart.

**Signal box width in bars** – how many bars out to draw a zone. **Enter a 0 to disable the zones (if you don't want a zone drawn).**

**Signal mark displacement in ticks** – where the up/down triangle appears.

Indicators

Available

- Orderflows AV
- Orderflows Bulge
- Orderflows Cutoff
- Orderflows Flop
- Orderflows Flow Trader
- Orderflows Intensity
- Orderflows Market Exhaustion
- Orderflows Market Flow Trader
- Orderflows Pressure
- Orderflows Pulse
- Orderflows Stuck Traders
- Orderflows Tension
- Orderflows Turns
- POCTrader
- PriceRejector

Configured

- Order Flows Trader(GC 04-20 (1 Minute))
- Current day OHL(GC 04-20 (1 Minute))
- Orderflows Tension(GC 04-20 (1 Minute))

Properties

Signal box height in ticks (0=di...

Signal box high offset in ticks 0.5

Signal box low offset in ticks -0.5

Signal Box opacity (0% - 100%) 10

Signal Box width in bars (0=di... 5

Signal mark displacement in t... 2

**Data Series**

Input series GC 04-20 (1 Minute)

**Set up**

Calculate On each tick

Label Orderflows Tension

Maximum bars look back 256

**Visual**

Auto scale

Displacement 0

Display in Data Box

Panel Same as input series

Price marker(s)

Scale justification Right

Visible

**Plots**

Buy signal ■ Triangle up, Solid, 8px

Sell signal ■ Triangle down, Solid, 8px

add remove up down

OK Cancel Apply

**Data Series** – Don't Change. What market the indicator is analyzing.

**Set Up** – Don't Change. Which data the indicator calculates on.

**Visual** – Don't Change. Where on the chart the indicator appears.

The screenshot shows the 'Indicators' dialog box with the 'Orderflows Tension' indicator selected. The 'Plots' section is highlighted, showing the following settings:

Signal	Color	Shape	Style	Size
Buy signal	Blue	Triangle up	Solid	8px
Sell signal	Red	Triangle down	Solid	8px

Other visible settings in the 'Plots' section include:

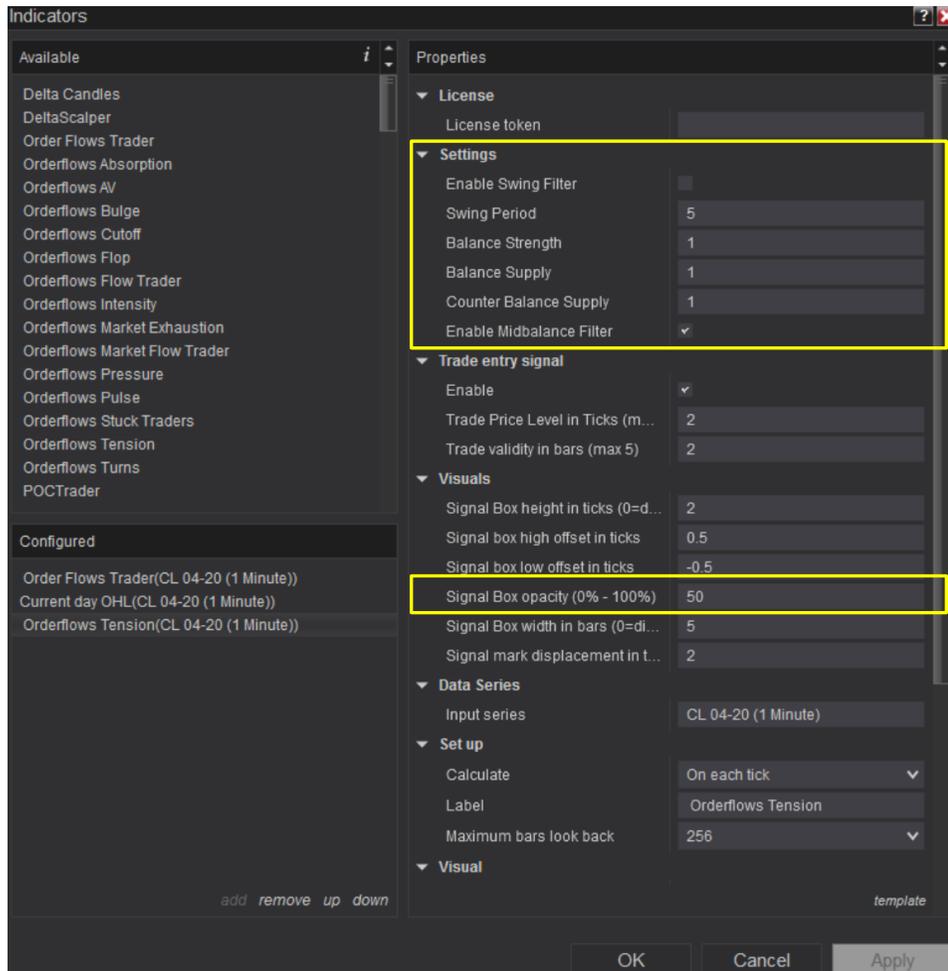
- Buy signal: Triangle up, Solid, 8px
- Sell signal: Triangle down, Solid, 8px

Buttons at the bottom: OK, Cancel, Apply

Plots – These are the defaults which you can change. I prefer triangle up for buys and triangle down for sells. Blue for buys and red for sells. You can also adjust the size of the triangles.

If you are running multiple indicators on a chart you should consider changing the colors and sizes.

When you use the Orderflows Tension indicator for the first time I suggest you start with the following settings:



Turn off Enable Swing Filter, which will disable the Swing Period.

Balance Strength 1

Balance Supply 1

Counter Balance Supply 1

Enable Midbalance Filter – Enabled with a check.

Signal Box Opacity – change to 50 so the signals are clear. You can adjust it down if you find it too strong on your eye.

The reason I recommend starting with the basic settings is so you can make the necessary adjustments based on your trading.

For example, if you are a swing trader, you will want to enable the Swing Filter. If you are a scalper, or a momentum trader, by turning off the Swing Filter you will see signals in moves in addition to swing highs and lows.

Orderflows Tension(CL 04-20 (1 Minute))

Kind of messy right? That is the minimum settings.  
Now to start adjusting...

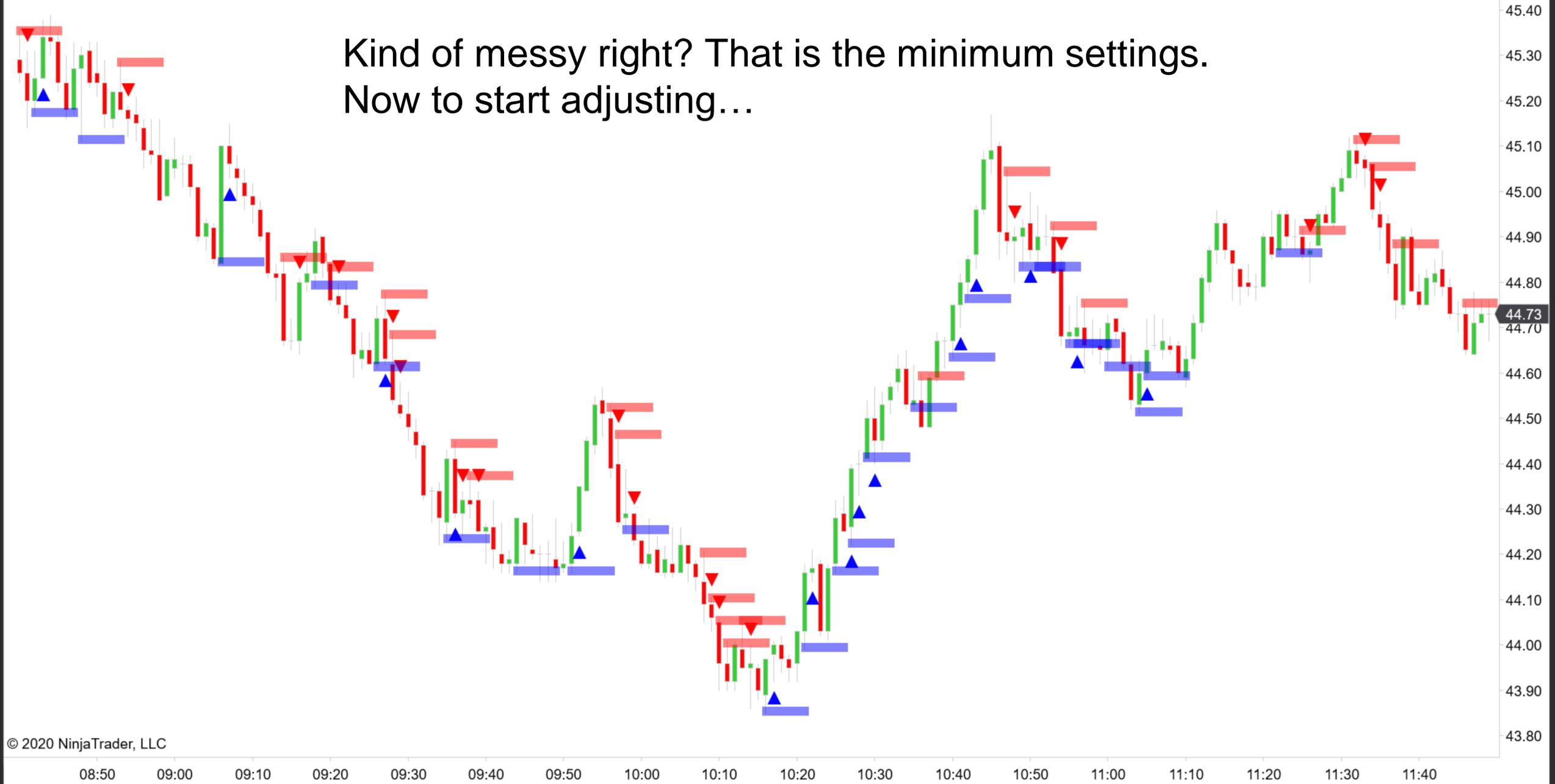


Chart CL 04-20 1 Minute

Indicators

Available	Properties
Delta Candles	License
Delta Scalper	License token
Order Flows Trader	Settings
Orderflows Absorption	Enable Swing Filter
Orderflows AV	Swing Period 5
Orderflows Bulge	Balance Strength 2
Orderflows Cutoff	Balance Supply 1
Orderflows Flop	Counter Balance Su... 1
Orderflows Flow Trader	Enable Midbalance... <input checked="" type="checkbox"/>
Orderflows Intensity	Trade entry signal
Orderflows Market Exhaustion	Enable <input checked="" type="checkbox"/>
Orderflows Market Flow Trader	Trade Price Level in... 2
	Trade validity in bar... 2
	Visuals
	Signal Box height in... 2
	Signal box high offs... 0.5
	Signal box low offs... -0.5
	Signal Box opacity (... 50

add remove up down

OK Cancel Apply

First, I adjust Balance Strength from 1 to 2.  
Notice, much less signals as the strength is greater.



Chart CL 04-20 1 Minute

Indicators

Available	Properties
Delta Candles	
DeltaScalper	
Order Flows Trader	
Orderflows Absorption	
Orderflows AV	
Orderflows Bulge	
Orderflows Cutoff	
Orderflows Flop	
Orderflows Flow Trader	
Orderflows Intensity	
Orderflows Market Exhaustion	
Orderflows Market Flow Trader	

Configured

Orderflows Tension (CL 04-20 (1 Minu...)

add remove up down

template

License	
License token	
Settings	
Enable Swing Filter	
Swing Period	5
Balance Strength	2
<b>Balance Supply</b>	<b>2</b>
Counter Balance Su...	1
Enable Midbalance...	
Trade entry signal	
Enable	
Trade Price Level in...	2
Trade validity in bar...	2
Visuals	
Signal Box height in...	2
Signal box high offs...	0.5
Signal box low offse...	-0.5
Signal Box opacity (...)	50

OK Cancel Apply

Next, I adjust Balance Supply from 1 to 2.  
This measures the trade on the offer side in a green candle and trade on the bid side of a red candle.

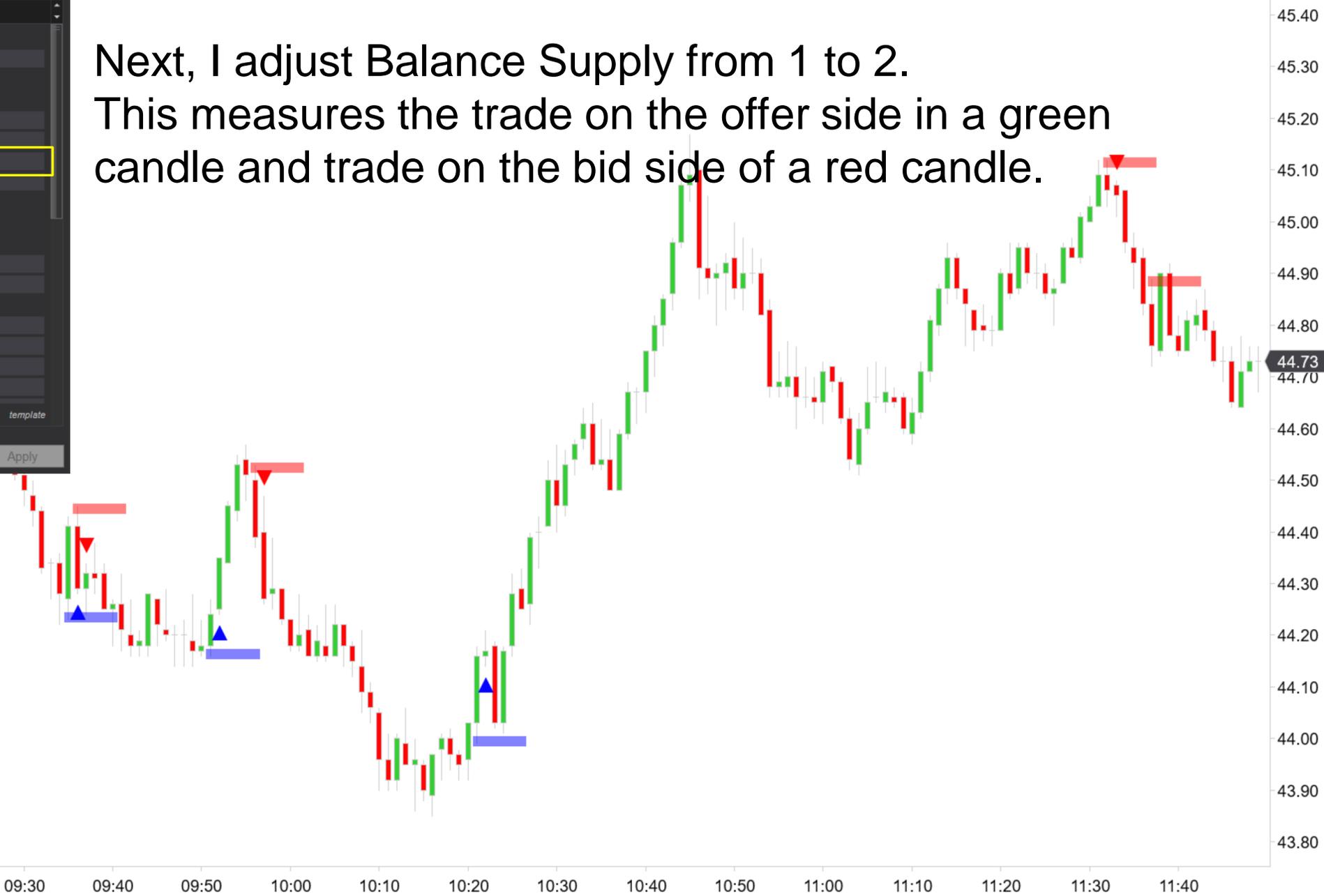


Chart CL 04-20 1 Minute

Indicators

Available	Properties
Delta Candles	
DeltaScalper	
Order Flows Trader	
Orderflows Absorption	
Orderflows AV	
Orderflows Bulge	
Orderflows Cutoff	
Orderflows Flop	
Orderflows Flow Trader	
Orderflows Intensity	
Orderflows Market Exhaustion	
Orderflows Market Flow Trader	
Configured	
Orderflows Tension(CL 04-20 (1 Minu...	

add remove up down

template

OK Cancel Apply

Counter Balance Supply, I prefer to keep it less than the Balance Supply setting above it because personally I put more weight into offers being lifted or bids being hit. If you keep it them equal, you get less signals.

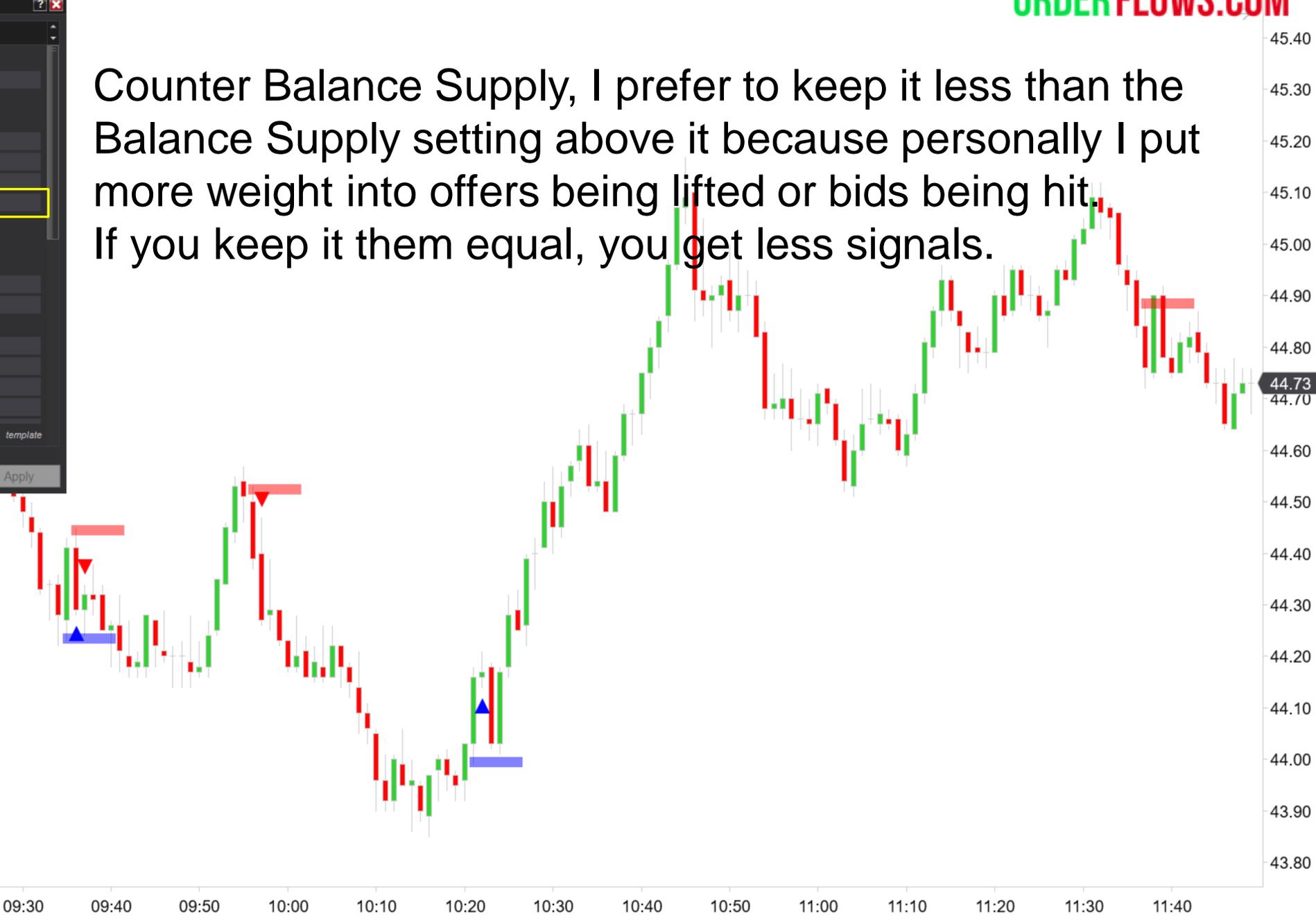


Chart CL 04-20 1 Minute

Indicators

Available

- Delta Candles
- Delta Scalper
- Order Flows Trader
- Orderflows Absorption
- Orderflows AV
- Orderflows Bulge
- Orderflows Cutoff
- Orderflows Flop
- Orderflows Flow Trader
- Orderflows Intensity
- Orderflows Market Exhaustion
- Orderflows Market Flow Trader

Configured

- Orderflows Tension (CL 04-20 (1 Minu...

Properties

▼ License

- License token

▼ Settings

- Enable Swing Filter
- Swing Period: 5
- Balance Strength: 2
- Balance Supply: 2
- Counter Balance Su: 2
- Enable Midbalance...**

▼ Trade entry signal

- Enable:
- Trade Price Level in...: 2
- Trade validity in bar...: 2

▼ Visuals

- Signal Box height in...: 2
- Signal box high offs...: 0.5
- Signal box low offse...: -0.5
- Signal Box opacity (...): 50

add remove up down

template

OK Cancel Apply

Enable Midbalance Filter – I prefer to keep it enabled.  
By disabling it, you will get more signals.



Indicators

Available	Properties
Delta Candles	
Delta Scalper	
Order Flows Trader	
Orderflows Absorption	
Orderflows AV	
Orderflows Bulge	
Orderflows Cutoff	
Orderflows Flop	
Orderflows Flow Trader	
Orderflows Intensity	
Orderflows Market Exhaustion	
Orderflows Market Flow Trader	

Configured

Orderflows Tension (CL 04-20 (1 Minu...))

add remove up down

template

OK Cancel Apply

Enable Swing Filter and Swing Period. Put a check in the box if you to find trades only at swing highs and swing lows.  
Disable if you like to trade momentum.



Trade Entry Signal – A feature to keep you out of trades that don't have the follow through order flow. By using the Trade Entry Signal you will have less trades and the trades you do take have the follow through order flow so you have a higher chance of the trade being successful.

This doesn't eliminate all bad trades, but when the market is more volatile than normal and big traders go risk off at any given time, using the Trade Entry Signal will keep you out of many bad traded.

Orderflows Tension(CL 04-20 (1 Minute))

Indicators

Available

- Delta Candles
- DeltaScalper
- Order Flows Trader
- Orderflows Absorption
- Orderflows AV
- Orderflows Bulge
- Orderflows Cutoff
- Orderflows Flop
- Orderflows Flow Trader
- Orderflows Intensity
- Orderflows Market Exhaustion
- Orderflows Market Flow Trader

Configured

- Orderflows Tension(CL 04-20 (1 Minu...))

Properties

License

License token

Settings

- Enable Swing Filter
- Swing Period: 5
- Balance Strength: 1
- Balance Supply: 1
- Counter Balance Su...: 1
- Enable Midbalance...

**Trade entry signal**

- Enable:
- Trade Price Level in...: 2
- Trade validity in bar...: 2

Visuals

- Signal Box height in...: 2
- Signal box high offs...: 0.5
- Signal box low offse...: -0.5
- Signal Box opacity (...): 50

add remove up down

template

OK Cancel Apply

Trade Entry Signal – If enabled will use it. If disabled will not use it.

Here it is enabled. It draws the up triangle for a buy if the conditions are met. Price moved outside the range of previous bar by 2 ticks over the next two bars. Need follow through order flow for a signal to generate.



Orderflows Tension(CL 04-20 (1 Minute))

Indicators

Available

- Delta Candles
- DeltaScalper
- Order Flows Trader
- Orderflows Absorption
- Orderflows AV
- Orderflows Bulge
- Orderflows Cutoff
- Orderflows Flop
- Orderflows Flow Trader
- Orderflows Intensity
- Orderflows Market Exhaustion
- Orderflows Market Flow Trader

Configured

- Orderflows Tension(CL 04-20 (1 Minu...))

Properties

License

License token

Settings

- Enable Swing Filter
- Swing Period: 5
- Balance Strength: 1
- Balance Supply: 1
- Counter Balance Su...: 1
- Enable Midbalance...
- Trade entry signal**
  - Enable:
  - Trade Price Level in...: 2
  - Trade validity in bar...: 2

Visuals

- Signal Box height in...: 2
- Signal box high offs...: 0.5
- Signal box low offse...: -0.5
- Signal Box opacity (...): 50

add remove up down template

OK Cancel Apply

Trade Entry Signal – Disabled. When disabled, it will signal every in every bar the conditions are met. The Trade Entry Signal was created to signal on the bar after the signal bar if order flow confirms the move. When disabled, it does not take into account the follow through order flow. Signal drawn on signal bar.

