NinjaTrader 8

MBO DOM2

Settings and properties manual

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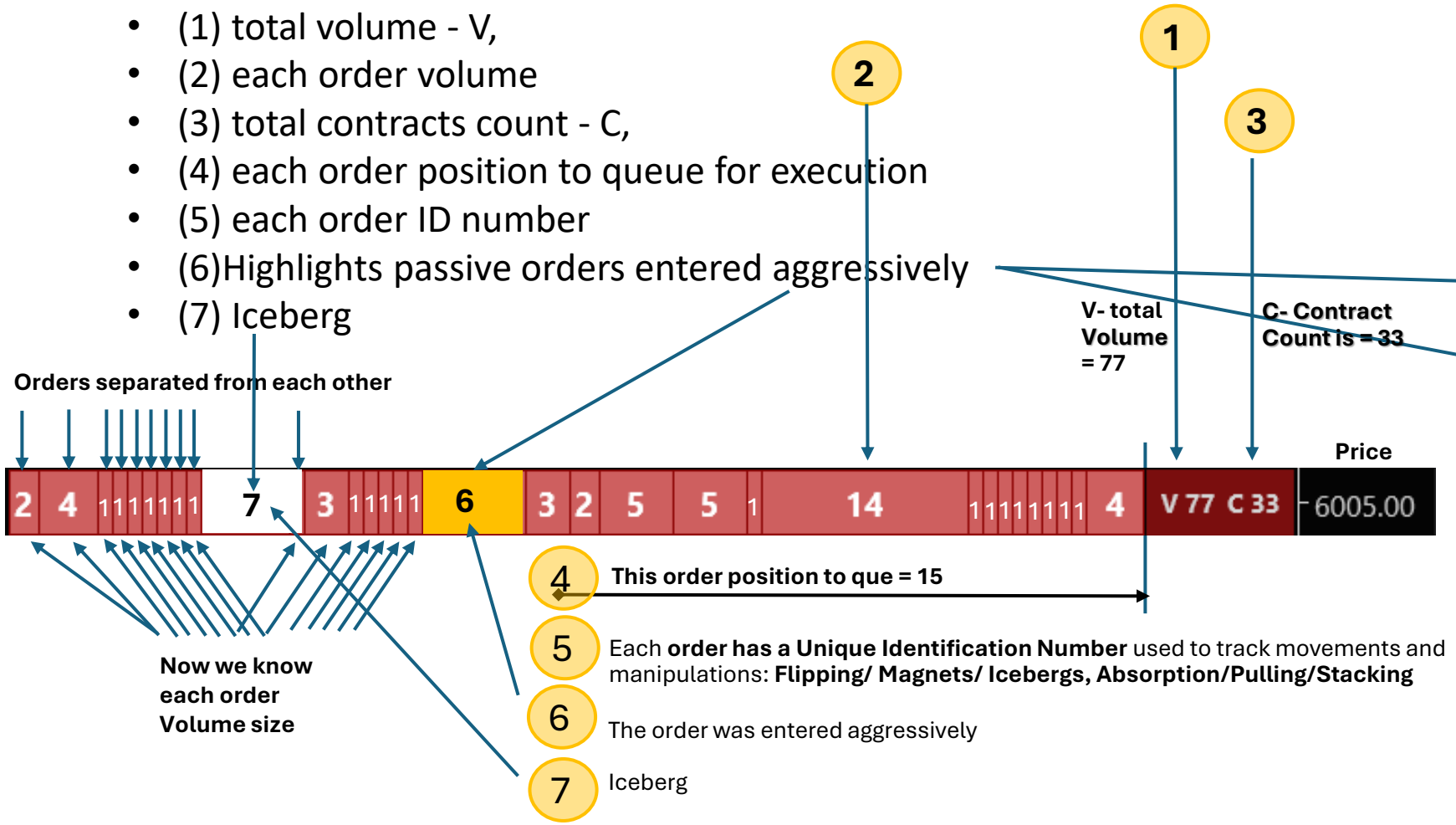
Market By Order - MBO Dom 2

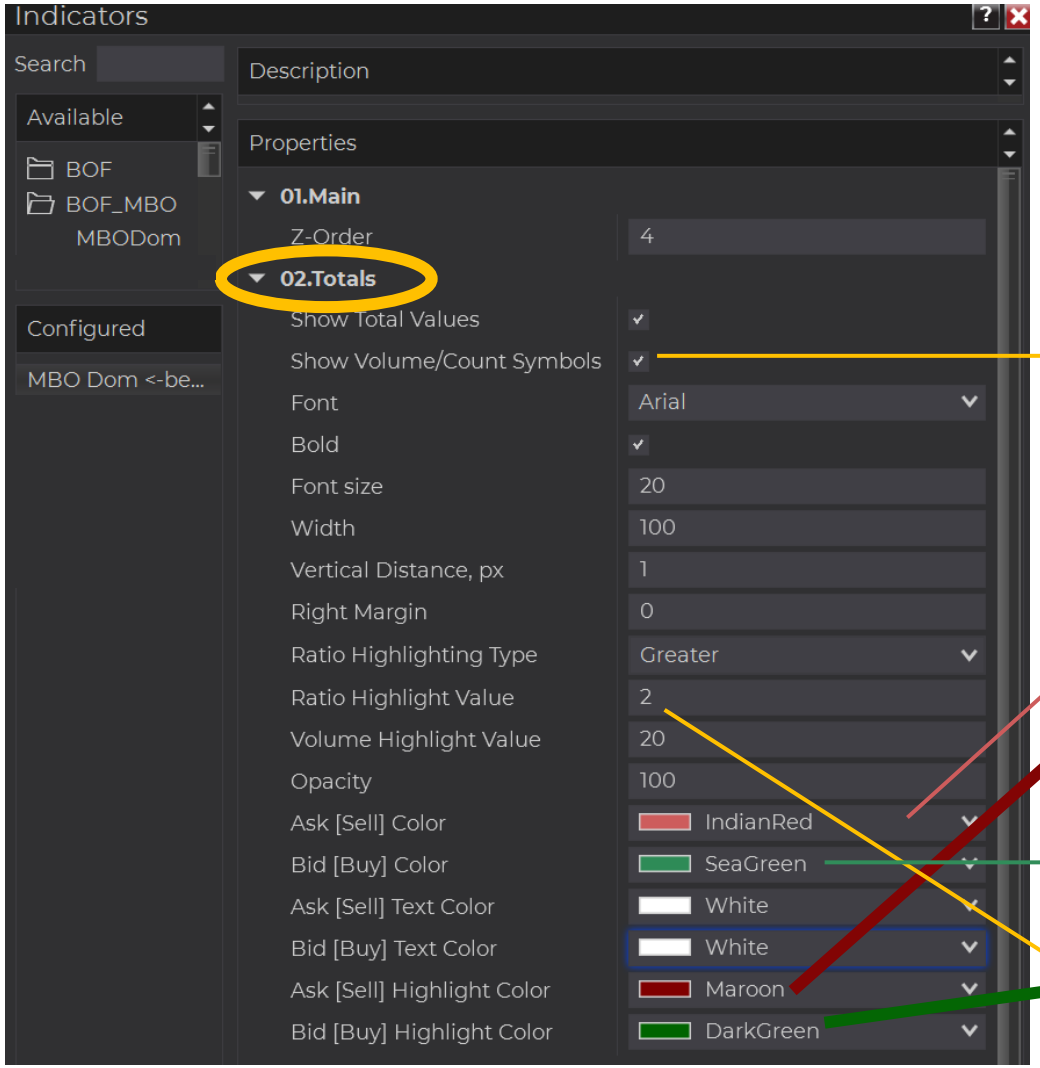
MBO DOM 2 histogram is a transparent picture of the full depth of the order book

- Market by order data is **passive/limits** order details in the order book.

- This data indicates the
  - (1) total volume - V,
  - (2) each order volume
  - (3) total contracts count - C,
  - (4) each order position to queue for execution
  - (5) each order ID number
  - (6)Highlights passive orders entered aggressively
  - (7) Iceberg



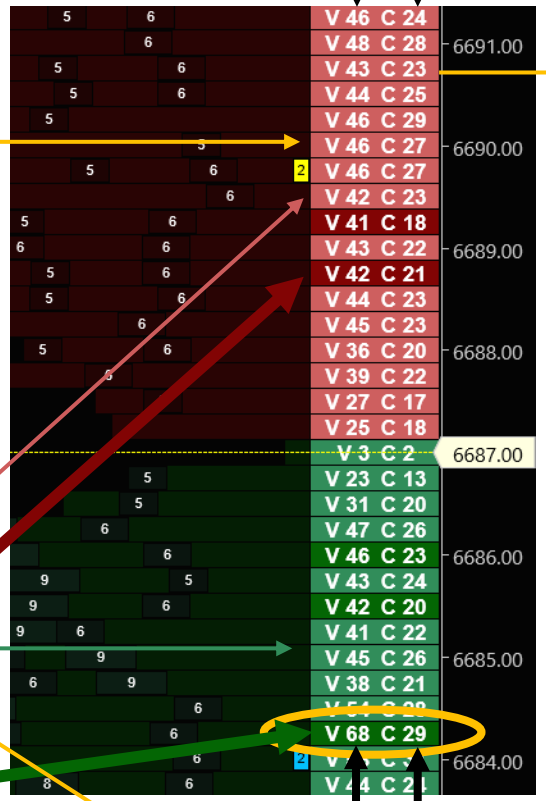
Section 02. Totals



Totals

V 46 - total volume

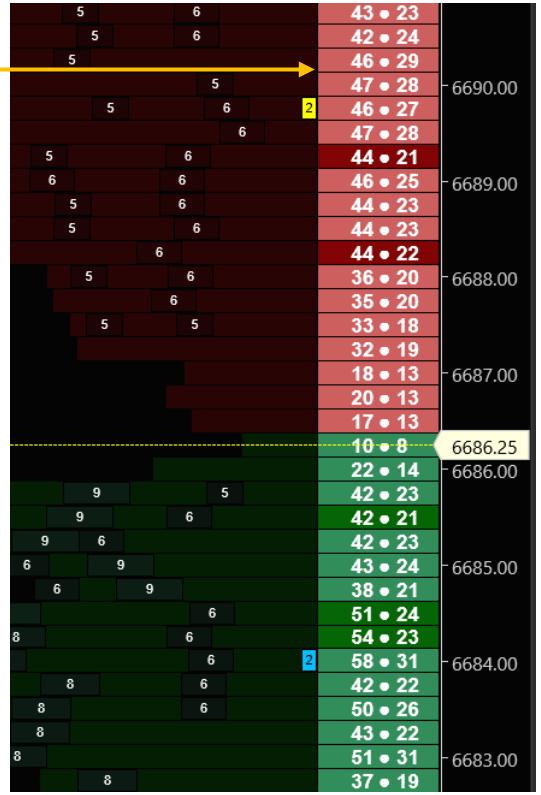
C 24 – total count of orders



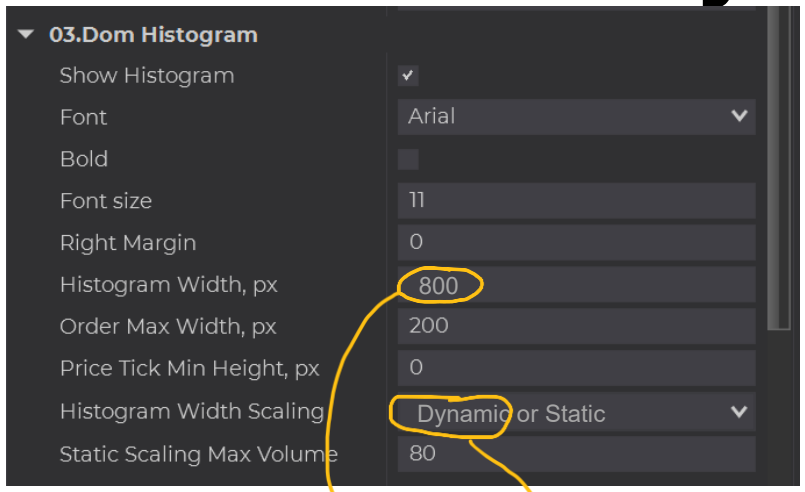
Ratio between 68 and 29 is greater than **2**

Totals

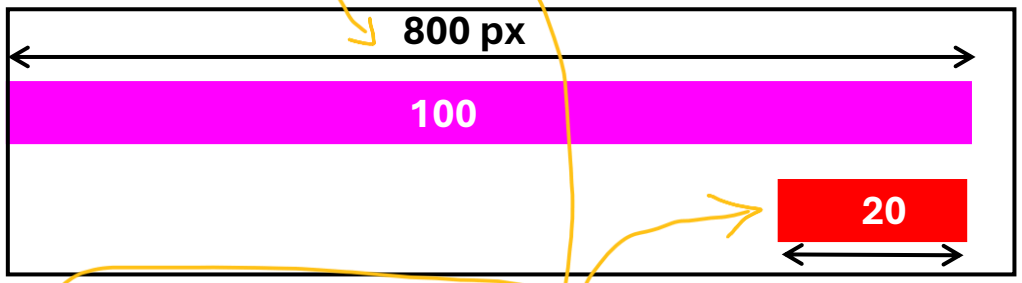
Letters **V** and **C** removed



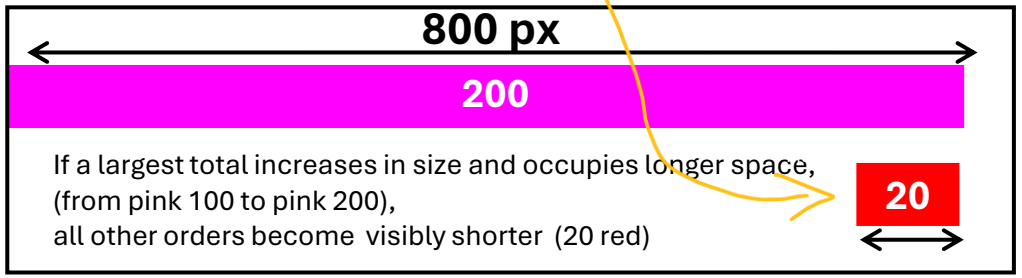
Dynamic Histogram mode



- Dynamic mode:
- Histogram is dynamically changing its width based on largest total that fits on your chart.
- Width of the smaller orders inside histogram recalculates every time when largest total volume changed it volume size



The width of all smaller orders fluctuates based on maximum space taken by largest totals



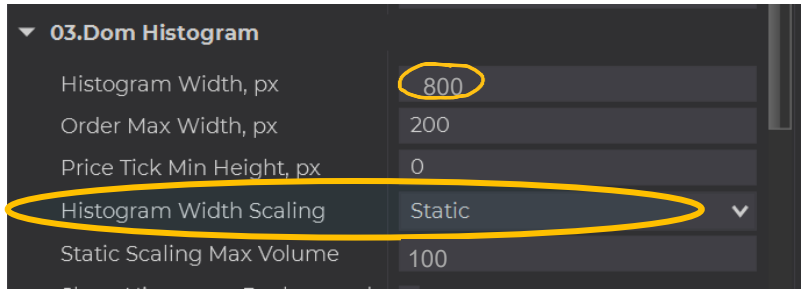
- It is not that easy to keep yes on the same order inside histogram because the same order length fluctuates

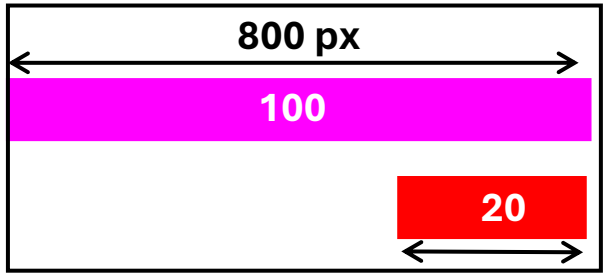
The solution:

- Use Static Histogram mode instead of Dynamic

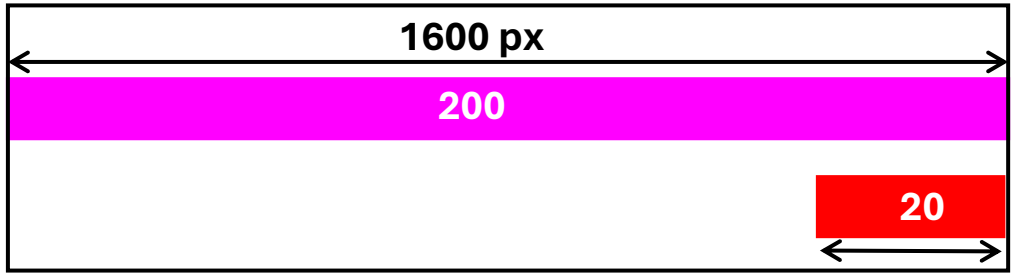
Static Histogram mode

The width of all internal smaller orders no longer fluctuates in Static mode





When Maximum order increased from 100 to 200
The width of all smaller orders stay the same
But the Max Volume order increased its length to maximum allowed width



- In static mode we made Static Maximum Volume 100 that will take Histogram 800 pixels

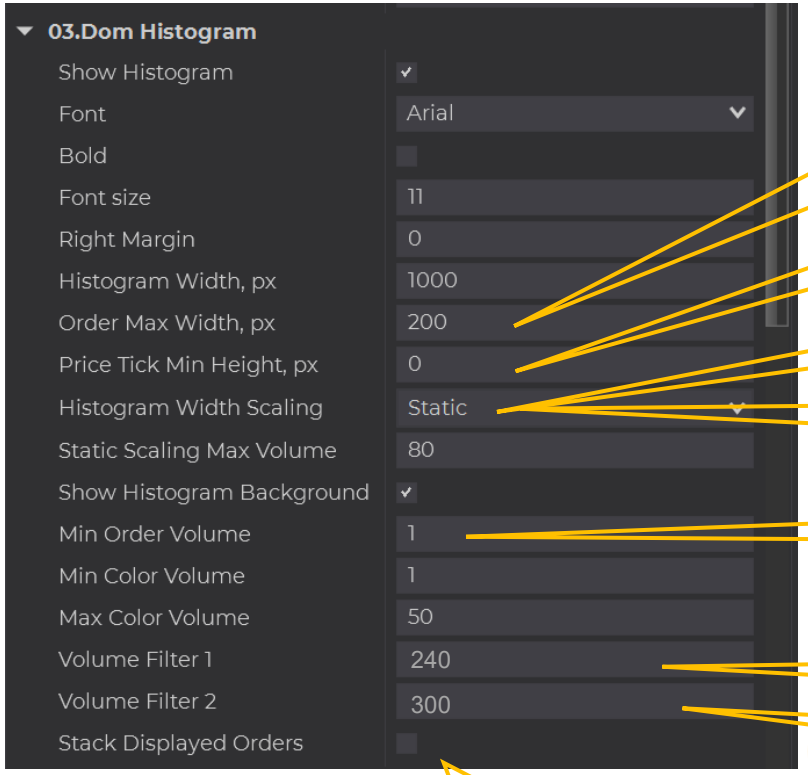
- Width of the maximum total volume will fluctuate and increase histogram width to the left, while all other internal orders keep the same size.

  The size of internal smaller orders no longer depend on the maximum volume order

- Now we can easily keep our attention on the internal order size and order position inside the histogram

- **Static histogram mode is recommended**

Section 03. Dom Histogram



Maximum width of a largest order. It helps the histogram not to overlap too far to the left.

0 – never hide histogram on a large time frames or when the histogram scaled down

Static keeps the same width. Dynamic – adjust width dynamically. **Recommended- Static mode.**

Static – maximum volume for maximum width of histogram.

1 to show all. 5- to show orders above volume 5 and hide orders below volume 5

A special background color for orders with volume over this size

A special background color for orders with volume over this size

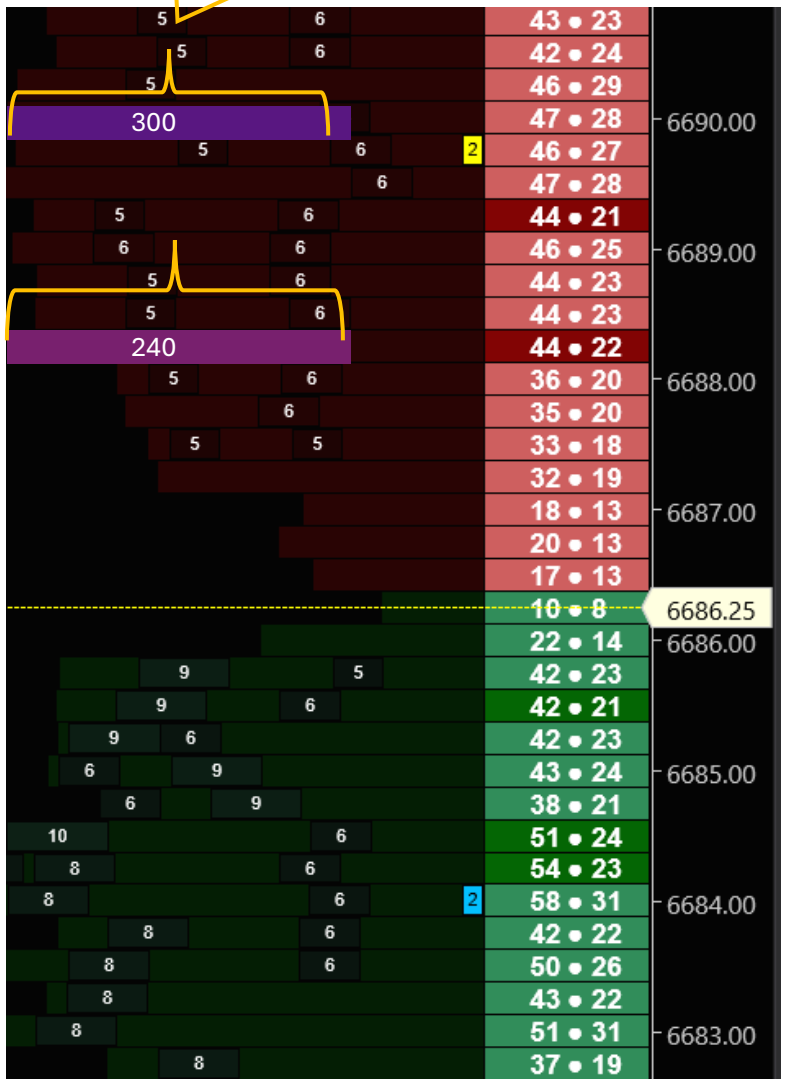
Example: Helps to highlight or to **hide Market Makers** on Micro Gold 240 and 300

Remove space on small orders (below Minimum Order Volume) and stack orders near by each other. Not recommended to use

Minimum order Volume is 5:
to show orders above volume 5 and hide small orders below volume 5

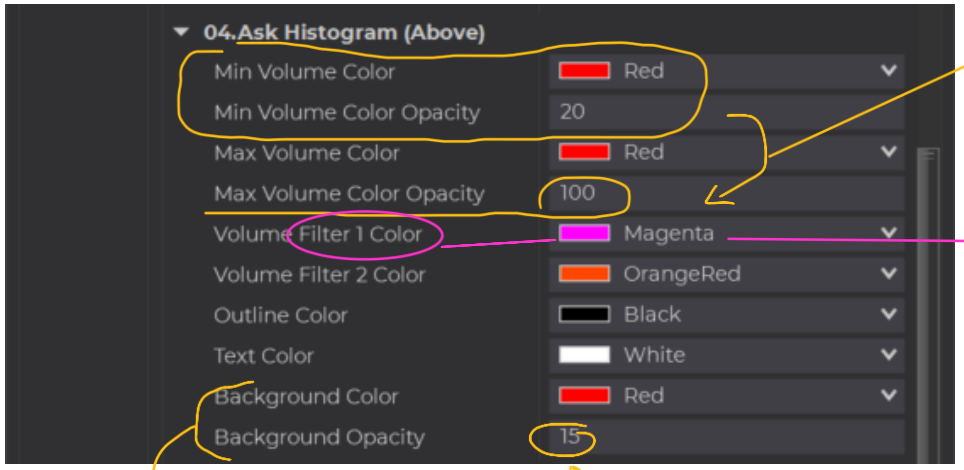
< 200

< 200

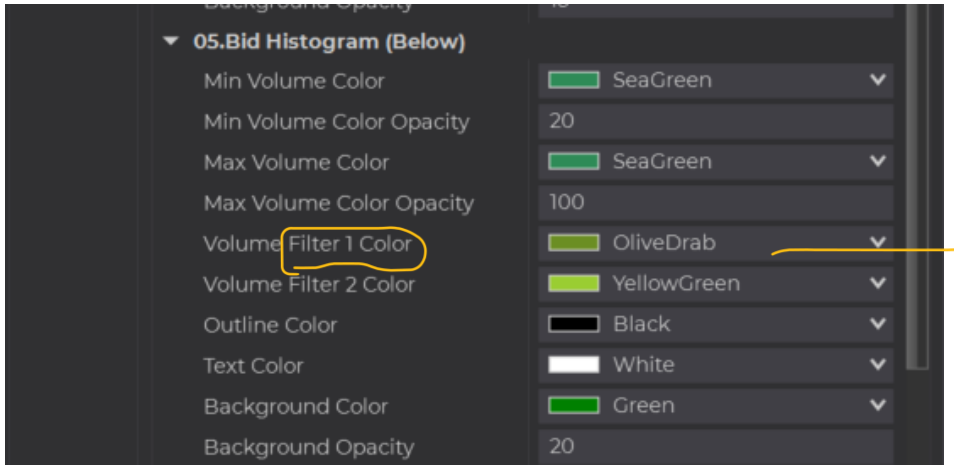


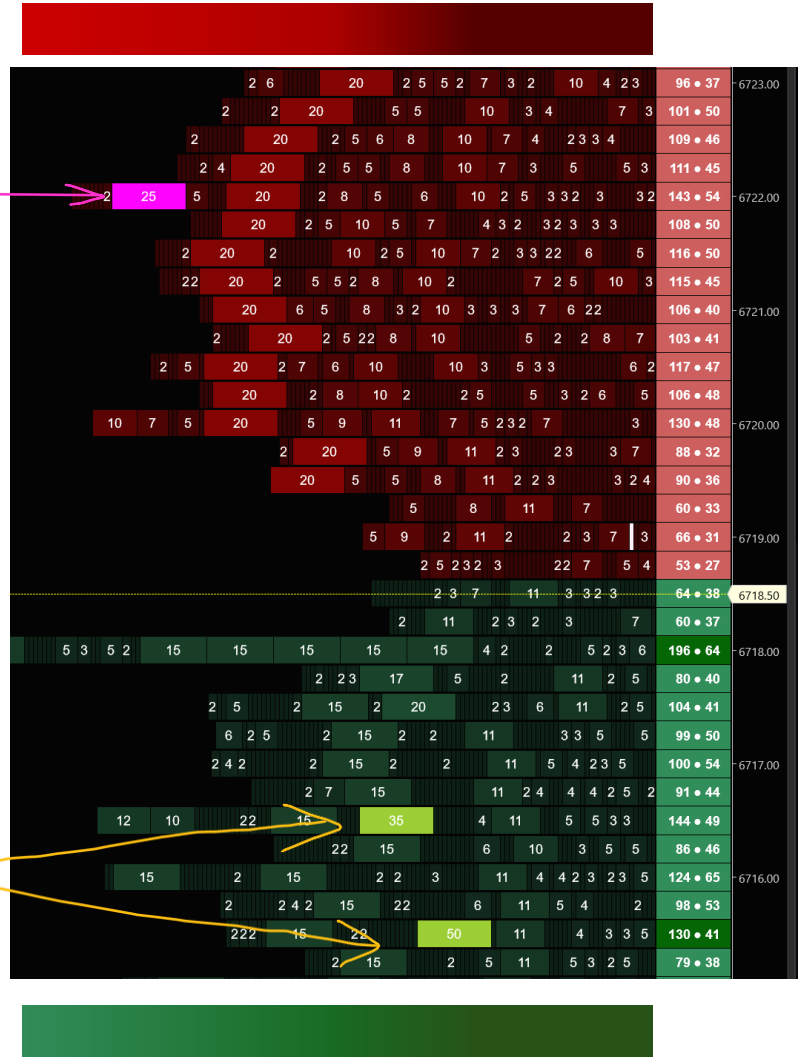
Sections 04 and 05. Ask and Bid Histogram

A variation in opacity between the Minimum and Maximum causes a gradual change in color between the minimum and maximum volumes



Background color of the histogram is the same as for volume colors, but stays constant with an opacity of 15





Passive order entered aggressively

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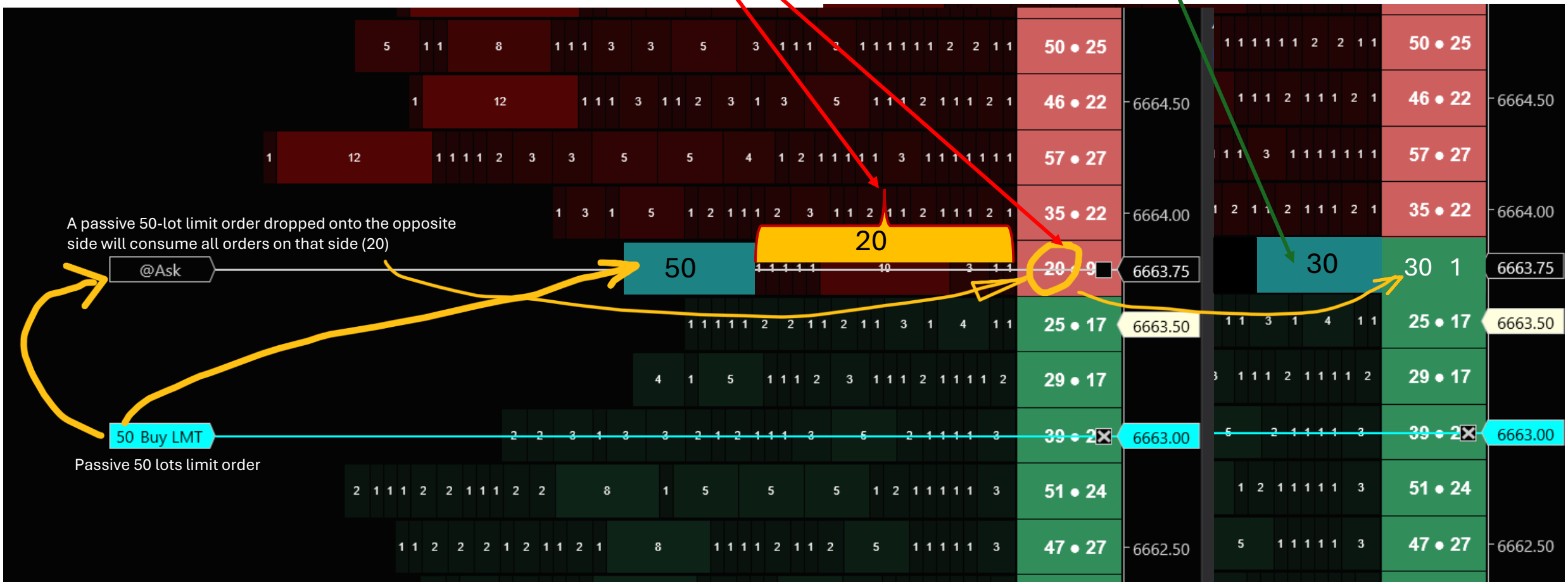
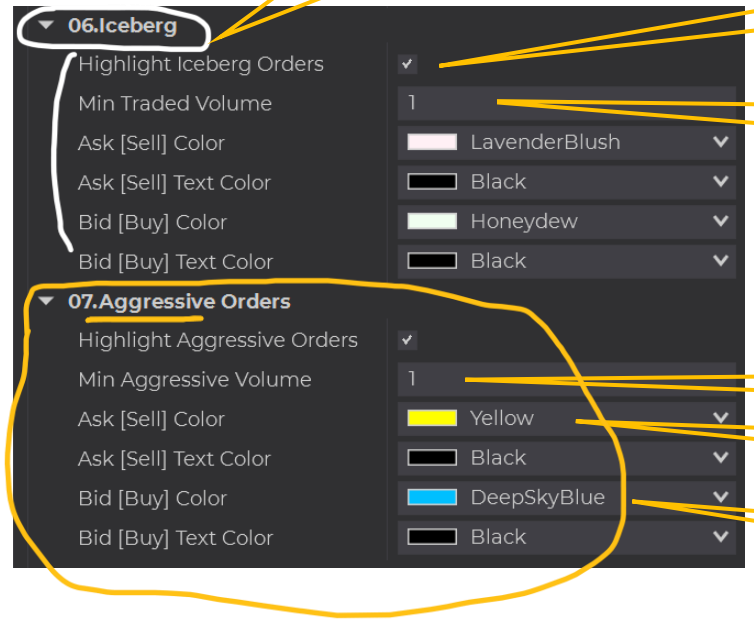
Fifty (50) lots dropped to the opposite side and consumed all 20, leaving 30 remaining lots to continue as a passive buyer.
The total order was 50. 20 lots were used as an Aggressive part.

When this 30-lot remaining order is filled **with more than 30 lots, at that point,** we recognize that order as an **iceberg**, capable of consuming more than a regular passive order.



Section 05. Iceberg on the DOM 2

06. Iceberg – is for “normal” icebergs – no aggressive part in it

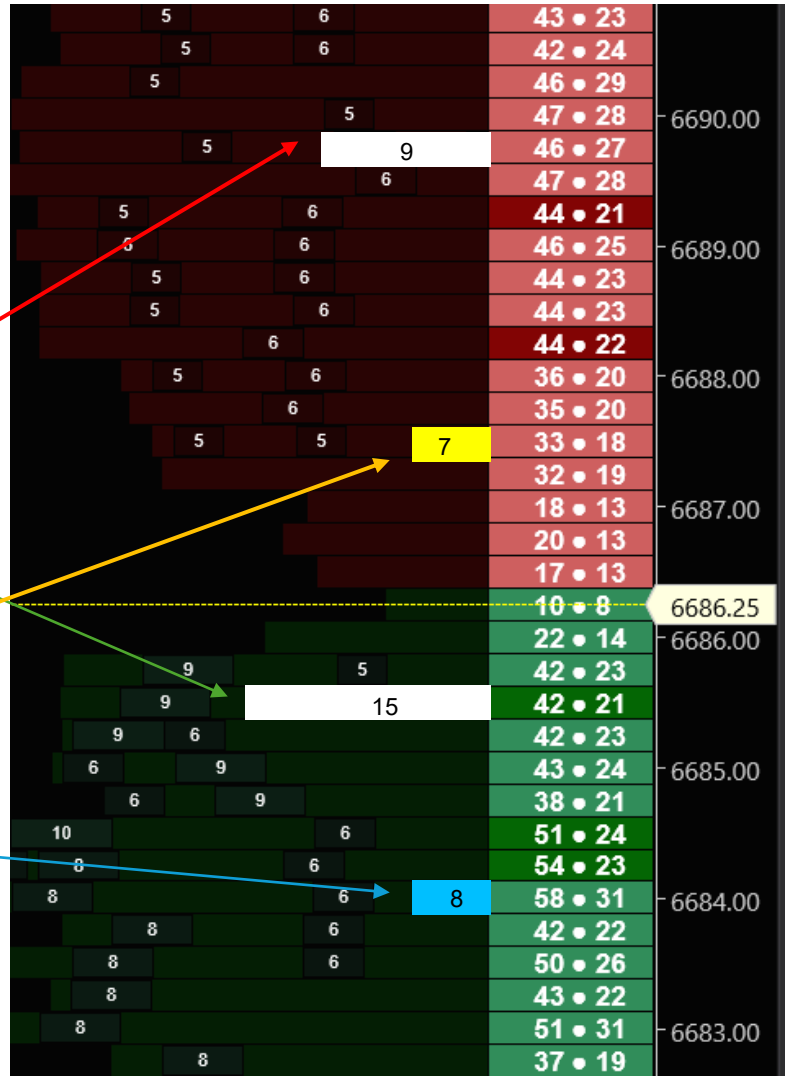


Highlight icebergs on the DOM histogram with special background color do distinguish from other orders

Minimum traded volume of an iceberg to show. **Recommended is 1** to notice icebergs as soon as they started.

Background colors for normal icebergs and text colors

Minimum aggressive volume to be highlighted. Recommended is 1

A background color to highlight sell orders with an aggressive part in it.

A background color to highlight buyers’ orders with an aggressive part in it.