



# Nasdaq Rates Trader How-To

Revision 1.6

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## Introduction

This document collects step-by-step instructions for workflows supported by Nasdaq Rates Trader (NRT).

The latest version of this document can always be found in the member portal, [here](#).

Workflows in the document

- Were picked because considered common or representative of common needs
- Assume the user is connected to the market when all services are available
- Will be enriched with new ones also based on requests from market participants

## General Information

The officially supported web-browser is google chrome. If you experience issues with NRT in other web browsers, please switch to chrome.

NRT is available in the external test environment and production during market opening hours. The URL is only available when the system is open.

To login use the credentials you received from the Nasdaq MAC team (request yours through the Nasdaq Member Portal).

During login, the first step of the login page requires your NRT username, whilst the second step takes you to Okta where your email address is required.

## Searching for instruments in the Market Watch

1. Click "search"
2. Click Currency
3. Type for example "EUR [[enter]]"
4. Expand an instrument group to see the instruments that are included

The screenshots illustrate the following steps:

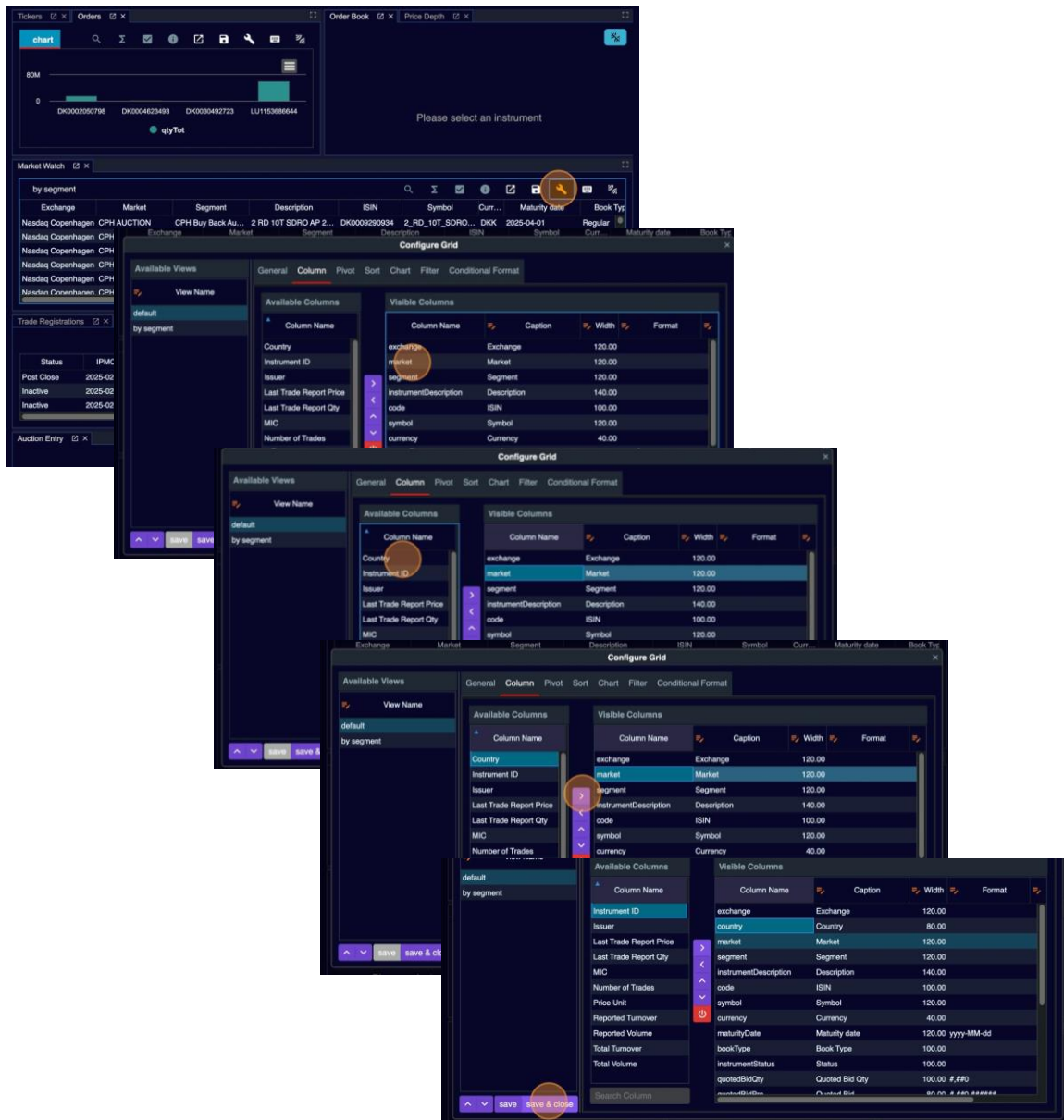
- Step 1:** The 'Market Watch' window is open, showing a list of instruments. A search icon (magnifying glass) is highlighted in the top right corner of the list.
- Step 2:** The 'Currency' dropdown menu is opened, showing a list of available currencies.
- Step 3:** The currency 'EUR' is selected from the dropdown menu.
- Step 4:** The search results are displayed, showing a list of instruments filtered by the selected currency (EUR). The list includes instruments from various segments and countries, such as CPH Auctions, CPH Buy Back, CPH Cash, CPH Standard, CPH Structured, CPH TAP, VSE Bonds, VSE FN, and VSE New Issue.

The final screenshot shows the following table of instruments:

| [Segment]     | Country | Segment              | Description | ISIN | Issuer | Curr... | Maturity date | Status            | Quoted Bid |
|---------------|---------|----------------------|-------------|------|--------|---------|---------------|-------------------|------------|
| CPH Auctions  | DK      | CPH Auctions         |             |      |        | EUR     |               |                   |            |
| CPH Buy B...  | DK      | CPH Buy Back Au...   |             |      |        | EUR     |               | Continuous Tra... |            |
| CPH Cash ...  | DK      | CPH Cash Bond T...   |             |      |        | EUR     |               | Continuous Tra... |            |
| CPH Stand...  | DK      | CPH Standard Set...  |             |      | RD     | EUR     |               | Continuous Tra... |            |
| CPH Struct... | DK      | CPH Structured Pr... |             |      |        | EUR     |               | Continuous Tra... |            |
| CPH TAP A...  | DK      | CPH TAP Auctions     |             |      |        | EUR     |               | Continuous Tra... |            |
| VSE Bonds ... | LT      | VSE Bonds Autom...   |             |      |        | EUR     |               | Closed For Th...  |            |
| VSE FN Bo...  | LT      | VSE FN Bond Mar...   |             |      |        | EUR     |               | Closed For Th...  |            |
| VSE New Is... | LT      | VSE New Issue Yi...  |             |      | LTG    | EUR     |               | Closed For Th...  |            |

## Adding a column to the Market Watch

1. Click the wrench icon
2. Click "market" to indicate where you want to add the new column
3. Click "Country"
4. Click the right arrow button.
5. Click "save & close"





## Cancelling an Order

1. Click "Orders"
2. Select one active order
3. Right-click
4. Click "Delete"

The sequence of screenshots illustrates the process of cancelling an order in a trading platform:

- Step 1:** The 'Orders' tab is selected in the top navigation bar. The main window displays a list of orders. The order for '1NYK01EA53' is highlighted.
- Step 2:** The order '1NYK01EA53' is selected in the list.
- Step 3:** A right-click is performed on the selected order, opening a context menu.
- Step 4:** The 'Delete' option is highlighted in the context menu.

The screenshots also show the 'Order Entry' and 'Trader' panels on the left, which include fields for 'Side', 'Order type', 'Limit', 'Price', and 'Quantity'.

5. Alternatively: Select an active order and Double-click
6. Click "DELETE ORDER"

The first screenshot shows a list of orders in a trading platform. The order list includes columns for ISIN, Symbol, Country, Currency, Maturity date, Side, Type, Time in force, Status, Qty, and Visible qty. A red circle highlights the 'DELETE ORDER' button in the 'Advanced' section of the order details.

The second screenshot shows the 'DELETE ORDER' button being clicked, with a confirmation dialog box appearing. The dialog box asks 'Are you sure you want to delete this order?' and has 'Yes' and 'No' buttons.

The third screenshot shows the order list after the order has been deleted. The order is no longer present in the list.



## Viewing the History of an Order

1. Click "Orders"
2. Select an order
3. Right-click and click "History..."
4. The Order History window appears, scroll to the right to see all the updates received that day for that order

The screenshots illustrate the process of viewing order history in a trading platform:

- Top Left:** The 'Orders' tab is active, showing a list of orders. A right-click context menu is open over the '1NYK01EA53' order, with the 'History...' option highlighted.
- Top Right:** The 'Order History' window is displayed, showing a table of order updates for the selected order. The table includes columns for Symbol, Country, Curr., Maturity date, Side, Type, Time in force, Status, Qty, Visible Qty, Remaining Qty, and Traded Qty. The status 'Cancelled' is visible for the order.
- Bottom Left:** The 'Order Entry' window for the '1NYK01EA53' order is shown, displaying fields for Side (Buy/Sell), Order type (Limit/Day), Price, and Quantity.
- Bottom Right:** A detailed view of the 'Order History' window, showing the order's status as 'Cancelled' and the quantity as 10,000,000.

## Creating an Auction

1. Select an instrument in the Market Watch
2. Go to the Auction Entry window and select the uncross date and time
3. Click "CREATE AUCTION"

The following table represents the data shown in the 'Market Watch' window from the first screenshot:

| by segment   | Country      | Segment           | Description      | Symbol          | ISIN         | Issuer | Curr...    | Maturity date     | Status          | Quoted Bid Qty | Out |
|--------------|--------------|-------------------|------------------|-----------------|--------------|--------|------------|-------------------|-----------------|----------------|-----|
| (Segment)    |              |                   |                  |                 |              |        |            |                   |                 |                |     |
| CPH Auctions | DK           | CPH Auctions      | 1RD10027APRF ILS | 1RD10027APRF... | DK0004603810 | RD     | EUR        | 2027-04-01        | Issuing Auction |                |     |
| DK           | CPH Auctions | 1RD10027JAPRF ILS | 1RD10027JAPRF... | DK0004602294    | RD           | EUR    | 2027-01-01 | Continuous Tra... |                 |                |     |
| DK           | CPH Auctions | RD12SFA26RF ILS   | RD12SFA26RF...   | DK0004619541    | RD           | DKK    | 2025-07-01 | Continuous Tra... |                 |                |     |
| DK           | CPH Auctions | RD12SFA26RF ILS   | RD12SFA26RF...   | DK0004623493    | RD           | DKK    | 2025-07-01 | Issuing Auction   |                 |                |     |
| DK           | CPH Auctions | ND415CFOA31RF IBY | ND415CFOA31R...  | DK0002050798    | NDAR         | DKK    | 2031-07-01 | Continuous Tra... |                 |                |     |
| DK           | CPH Auctions | 1RD10026JAPRF ILS | 1RD10026JAPRF... | LU1153886844    | RD           | EUR    | 2026-01-01 | Continuous Tra... |                 |                |     |
| DK           | CPH Auctions | RD11SFA28RF ILS   | RD11SFA28RF...   | DK0004629771    | RD           | DKK    | 2025-07-01 | Continuous Tra... |                 |                |     |
| DK           | CPH Auctions | 1RD10026APRF ILS  | 1RD10026APRF...  | DK0004605999    | RD           | EUR    | 2025-07-01 | Continuous Tra... |                 |                |     |
| DK           | CPH Auctions | RD12E26GRN ILS    | RD12E26GRN...    | DK0004623576    | RD           | DKK    | 2025-07-01 | Continuous Tra... |                 |                |     |
| DK           | CPH Auctions | RD12E26GRN ILS    | RD12E26GRN...    | DK0004629508    | RD           | DKK    | 2025-07-01 | Continuous Tra... |                 |                |     |
| DK           | CPH Auctions | RD12G3J26RF IBY   | RD12G3J26RF...   | DK0004626678    | RD           | EUR    | 2026-07-01 | Continuous Tra... |                 |                |     |

5. To insert an order, switch to the Order Entry and create your main order
6. Enter Time in Force, Price and Quantity
7. Click "Sell"
8. Click "CREATE ORDER"

The screenshots illustrate the process of creating an order in a trading system. The interface shows the 'Order Entry' tab for the instrument 'RD12SFA25RF ILS' (DK0004619541). The order type is set to 'Limit' and the time in force is 'GTC'. The price is entered as 88.00 and the quantity as 5,000. The 'Sell' button is highlighted in the third screenshot, and the 'CREATE ORDER' button is highlighted in the final screenshot.

**Order Entry Details:**

- Instrument: RD12SFA25RF ILS (DK0004619541)
- Order type: Limit
- Time in force: GTC
- Price: 88.00
- Quantity: 5,000
- Side: Sell
- Trader: BBB222

**Order Entry Table:**

| Country | DK   | CPH Auctions | Regular |
|---------|------|--------------|---------|
| DK      | 941  | CPH Auctions | Regular |
| DK      | 948  | CPH Auctions | Regular |
| DK      | 6492 | CPH Auctions | Regular |
| DK      | 6497 | CPH Auctions | Regular |
| DK      | 934  | CPH Auctions | Regular |
| DK      | 6469 | CPH Auctions | Regular |
| DK      | 923  | CPH Auctions | Regular |

**Order Entry Form:**

Order type: Limit

Time in force: GTC

Price: 88.00

Quantity: 5,000

Visible Quantity: Min. Quantity

Advanced

CLEAR CREATE ORDER

9. To monitor the auction, click "My Auctions"
10. Select the auction you're interested in
11. Use the Auction Inspector to monitor the auction.

The screenshot displays a trading platform interface with several panels. The top panel shows a list of auctions under the 'My Auctions' tab. The 'Auction Inspector' panel is open for the auction 'RD12SFA25RF ILS' (DK0004619541). The 'Order Entry' panel shows the current bid and ask prices, and the 'Auction Inspector' panel shows the auction details and the order book.

**Market Watch - Auctions**

| Segment      | Description     | Curr... | Status    | Type            | Init Time       | IPMO Time       | Uncross Time    | Transparency | Min Quantity | Max Quantity | Min |
|--------------|-----------------|---------|-----------|-----------------|-----------------|-----------------|-----------------|--------------|--------------|--------------|-----|
| CPH Auctions | RD12SFA25RF ILS | EUR     | Initiated | Issuing Auction | 2025-03-26 0... | 2025-04-09 1... | 2025-04-09 1... | Open         |              |              |     |
| CPH Auctions | RD12SFA25RF ILS | DKK     | Initiated | Issuing Auction | 2025-04-03 1... | 2025-04-10 0... | 2025-04-10 1... | Open         |              |              |     |

**Auction Entry - RD12SFA25RF ILS**

DK0004619541 Bid - Ask 88.00

**Auction Inspector - RD12SFA25RF ILS**

DK0004619541 Bid - Ask 88.00 0.005 M

Side Buy Sell Trader BBB222

Order type Limit GTC

Price - 88.00 Quantity - 5,000

Visible Quantity - Min. Quantity -

Advanced

**Auction details**

Initiated IPMO Uncrossed

Apr 03 Apr 10 Apr 10

**Order Book**

Order List

| Member ID | Status | Traded Qty | Remaining Qty | Yield | Price |
|-----------|--------|------------|---------------|-------|-------|
|           |        |            |               |       | 88    |
|           |        |            |               |       | -     |
|           |        |            |               |       | 5,000 |

**Summary**

Matched qty Bid volume/bids VWAP price/yield

## Participating to an Auction

1. Go to the "Auctions" window
2. Go to the "Market Watch" window
3. Click the search icon
4. Click the search field in column "Status"
5. Type "auct" [[enter]]
6. Click on the + sign to expand the grouping
7. Click on the price requested by the issuer

The screenshots illustrate the following steps:

- Step 1:** The 'Market Watch' window is open, showing a list of instruments grouped by segment.
- Step 2:** The 'Auctions' window is selected, showing a list of auction instruments.
- Step 3:** The search icon (magnifying glass) is clicked in the top right corner of the 'Auctions' window.
- Step 4:** The search field in the 'Status' column is clicked.
- Step 5:** The text 'auct' is entered into the search field, and the results are filtered.
- Step 6:** The '+' sign next to the 'Status' column header is clicked to expand the grouping.
- Step 7:** The 'Quoted Ask Qty' column is highlighted, showing the price requested by the issuer.

8. Go to the Order Entry window and click "GTC"
9. Input your quantity
10. Click "CREATE ORDER"

The image displays three overlapping screenshots of the 'Order Entry' window for the instrument 'RD11SFA28RF ILS'. The window title is 'Order Entry' with a close button. The instrument details show 'DK0004629771' and 'Bid - Ask 98.00 1.0 M'.

**Leftmost screenshot:** Shows the initial state. The 'Side' is 'Buy' and 'Trader' is 'AOR002'. The 'Order type' is 'Limit' and 'Time in force' is 'Day'. The 'Price' is '98.00'. The 'Visible Quantity' is empty. A dropdown menu is open, showing options: 'Day', 'IOC', 'FOK', 'GTC' (highlighted with an orange circle), and 'GTD'. The 'Advanced' section is collapsed. Buttons for 'CLEAR' and 'CREATE ORDER' are at the bottom.

**Middle screenshot:** Shows the 'GTC' option selected in the dropdown. The 'Quantity' field is now active and contains '800,000' (highlighted with an orange circle). The 'Visible Quantity' and 'Min. Quantity' fields are also visible.

**Rightmost screenshot:** Shows the final state. The 'Order type' is 'Limit' and 'Time in force' is 'GTC'. The 'Price' is '98.00' and the 'Quantity' is '300,000'. The 'Visible Quantity' and 'Min. Quantity' fields are empty. The 'CREATE ORDER' button is highlighted with an orange circle.



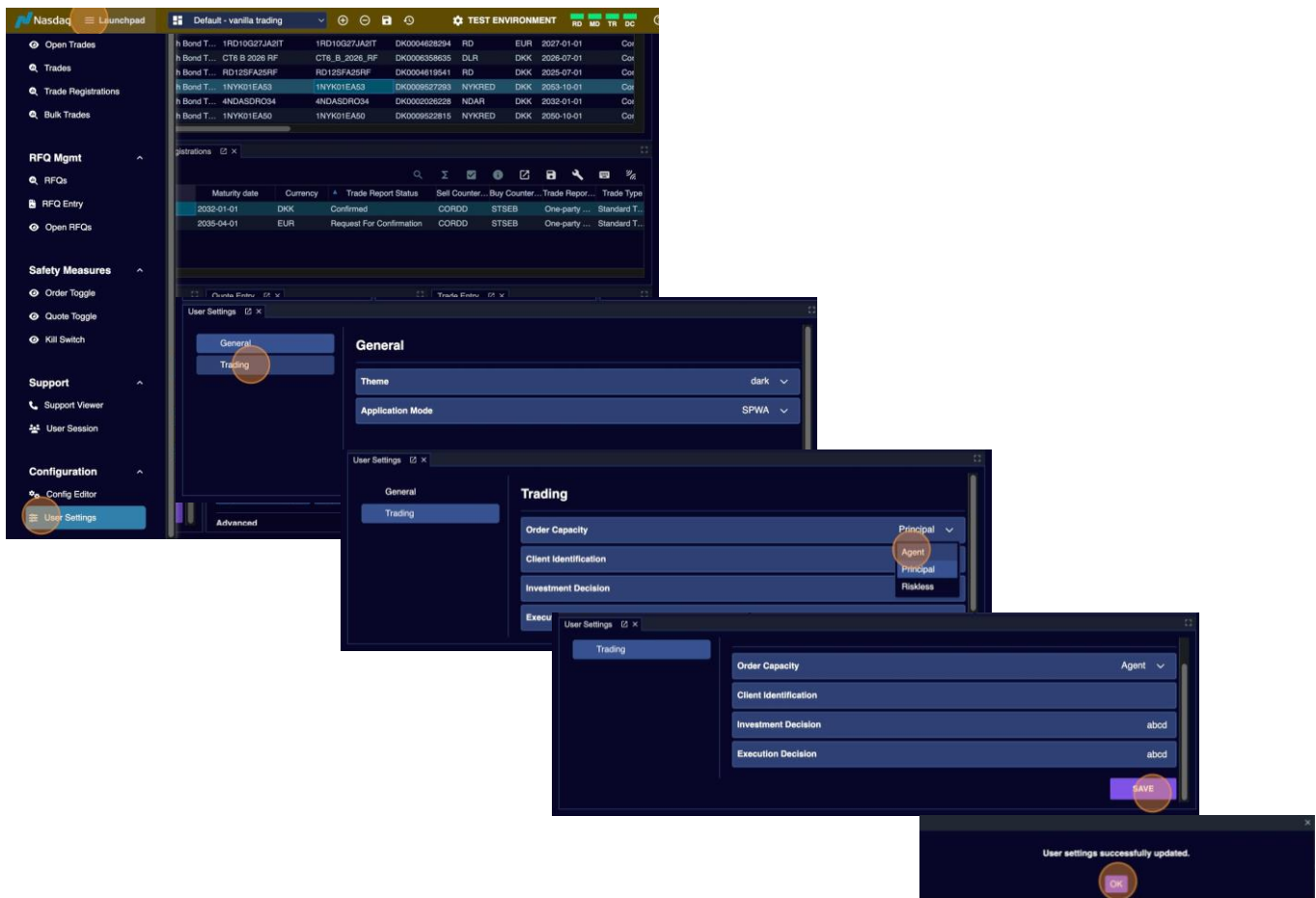
## Accepting a Trade Registration

1. Go to the "Trade Registrations" window
2. Select a trade inputted by the counterparty
3. Right-click and choose "Accept"
4. Click "Accept Trade"

The screenshots illustrate the process of accepting a trade registration in a trading system. The first screenshot shows the 'Trade Registrations' window with a list of trades. The second screenshot shows a right-click context menu with 'Accept' highlighted. The third screenshot shows the 'Accept' button in the context menu. The fourth screenshot shows the 'Accept Trade' button in the bottom right corner.

## Changing MiFID Defaults

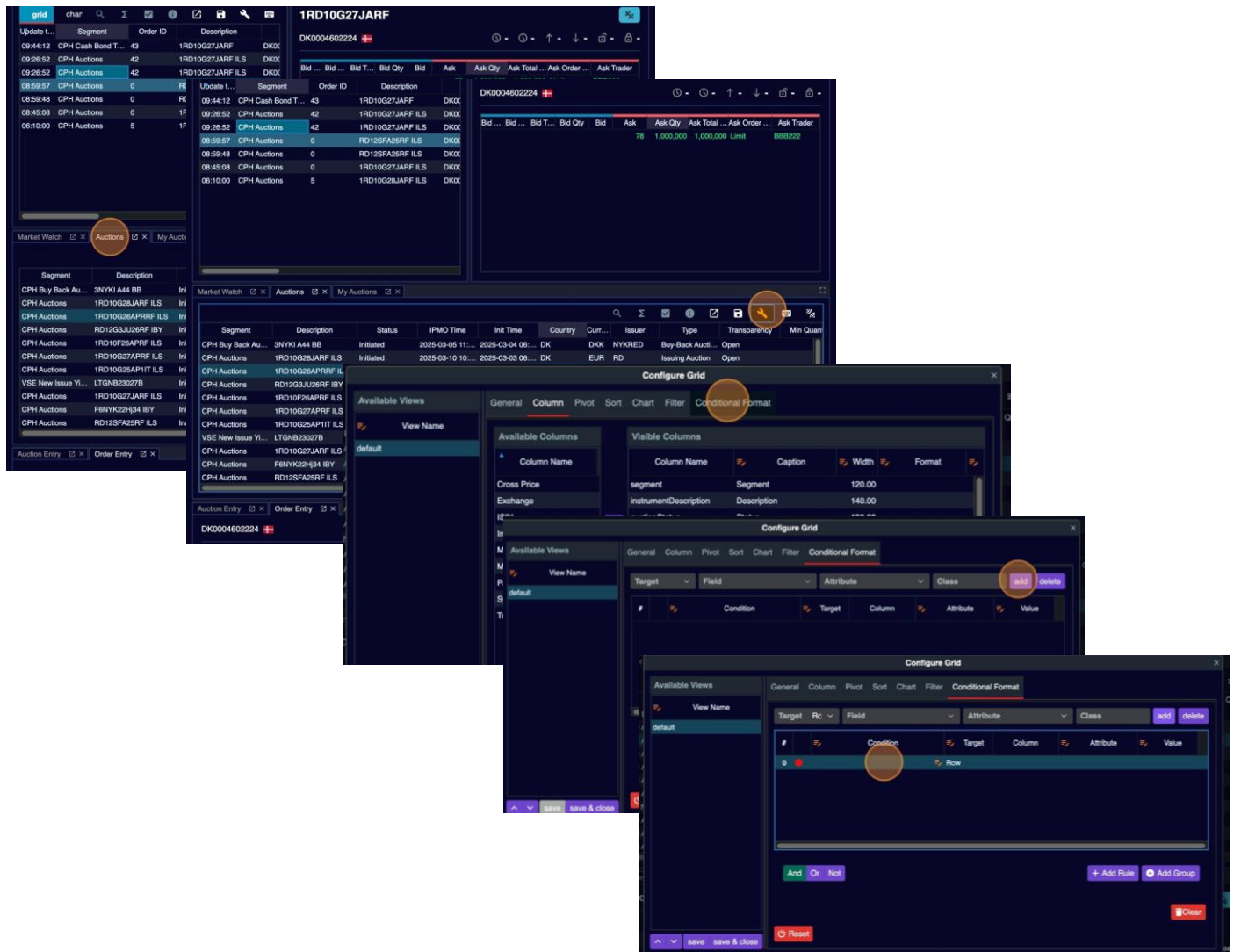
1. Open the Launchpad and click on User Settings
2. Click on "Trading" in the User Settings window
3. Click on the arrow next to Order Capacity and select the default value for orders' capacity, repeat the same for other MiFID default values
4. Click Save
5. Click "OK"



## Creating Conditional Formatting Rules in Auctions

This shows how to highlight the values in the Status column for active auctions

1. Go to the "Auctions" window
2. Click the wrench icon
3. Click "Conditional Format"
4. Click "add"
5. Click on the row



6. Select the "Cell" option.
7. Select the "Status" field
8. Double-click "Class"
9. Double-click on "Attribute"
10. Select the "FOREGROUND" option.



11. Click to select the color
12. Click here under Condition
13. Click "Add Rule"
14. Select the "Status" field
15. Select the "Initiated" option.



16. Click "Or"
17. Click "Add Rule"
18. Select the "Status" option.
19. Select the "IPMO" option.
20. Click "save & close"



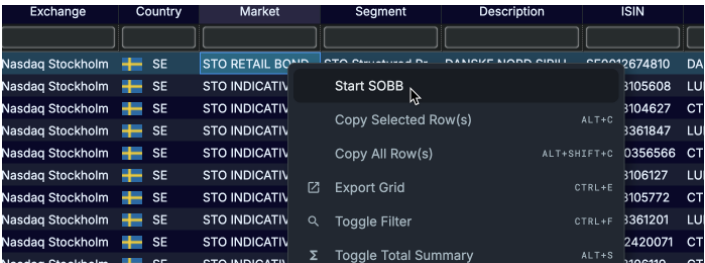


# Starting a Sold-Out Buy-Back (SOBB) session

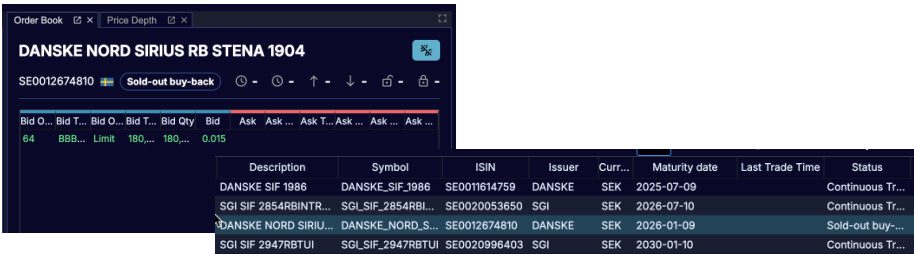
The SOBB workflow is enabled on the following list of segments:

- STO Structured Products
- STO Structured Products Units
- STO Structured Products NOK
- STO Structured Products CCY
- STO Tailor Made Products
- STO Sustainable Products
- STO FN Structured Leveraged Products
- HEL Retail Structured Products

For instruments in the segments above, the UI enables in the right-click menu of the MarketWatch the option to start a SOBB session:



Once started, the status is reflected in the Market Watch, Order Book and Price Depth:

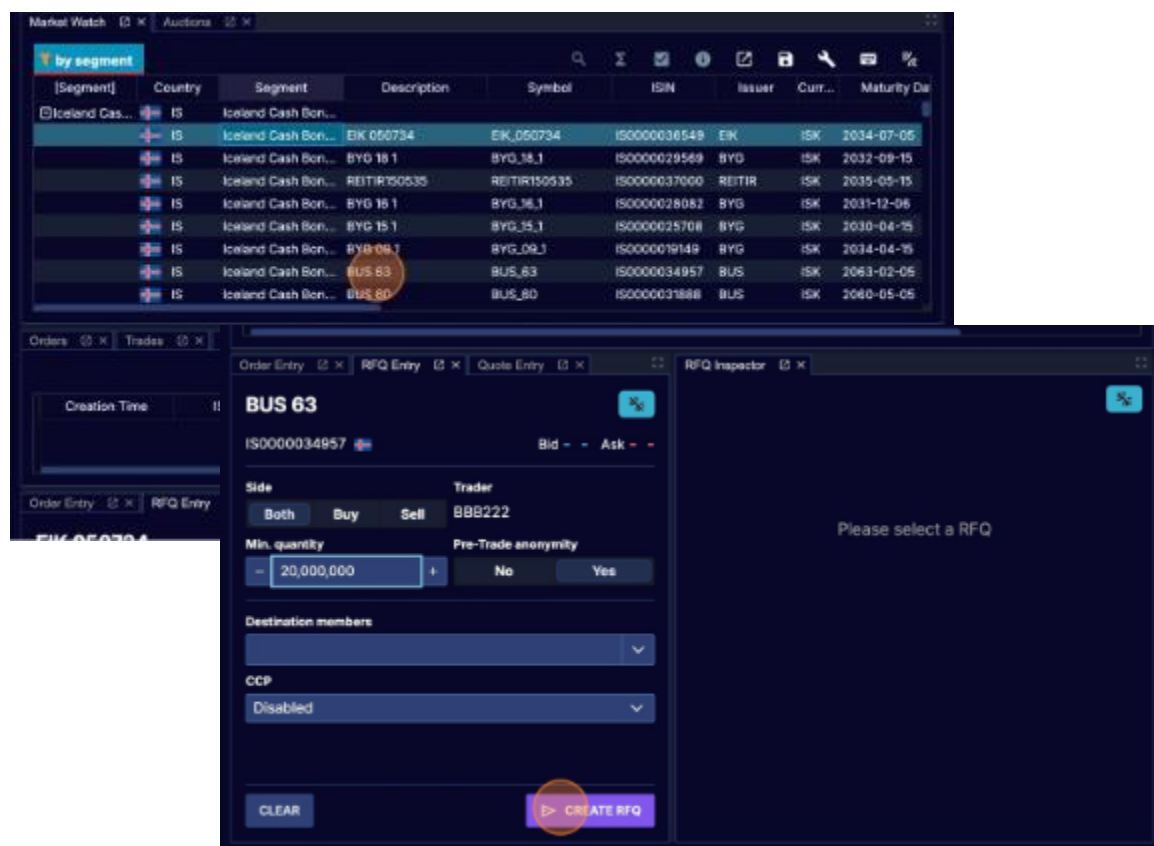


Other firms willing to participate to the session can send orders on that instrument as detailed in the market model.

## Creating an RfQ

In the workspace the RFQ Entry dialog is linked to the Market Watch, and the RFQ Inspector to the "Sent RFQs" window

1. Select your instrument
2. Input the parameters for your RFQ, for instance side and min quantity. When done, click "CREATE RFQ"



## Responding to an inbound RfQ

1. Ensure that in your workspace the RFQ Inspector is visible and linked to the "Received RFQs" window
2. Double-click on an active RFQ
3. In the response dialog indicate your price and quantity
4. Click "CREATE ORDER"

The screenshots illustrate the workflow for responding to an RFQ in a trading system. The first window displays a table of received RFQs. The second window, the 'RFQ Inspector', allows users to view details of a selected RFQ and input their response, including the side (Buy or Sell), order type (Limit), price, and quantity. The third and fourth windows show the 'CREATE ORDER' button, which is used to execute the response.

## Accepting a response to an RfQ

1. In the workspace the RFQ Inspector is visible and linked to the "Sent RFQ's window

2. Select an RFQ for which a response was received
3. The RFQ Inspector will be populated with its data
4. Select a response in the list and Double-click
5. Approve or change the quantity and click "CREATE ORDER"

The screenshots illustrate the workflow for creating an order from an RFQ:

- RFQ List:** A table of RFQs is shown. The selected RFQ is:
 

| IS | ISland Cash Bon... | RETR150535 | RETR150535 | IS0000037000 | RETR | ISK | 2035-05-15 |
|----|--------------------|------------|------------|--------------|------|-----|------------|
| IS | ISland Cash Bon... | BYG 16.1   | BYG_16.1   | IS0000028082 | BYG  | ISK | 2031-12-06 |
| IS | ISland Cash Bon... | BYG 15.1   | BYG_15.1   | IS0000025708 | BYG  | ISK | 2030-04-15 |
| IS | ISland Cash Bon... | BYG 09.1   | BYG_09.1   | IS0000019149 | BYG  | ISK | 2034-04-15 |
| IS | ISland Cash Bon... | BUS 63     | BUS_63     | IS0000034957 | BUS  | ISK | 2063-02-05 |
- RFQ Inspector:** The 'RFQ Inspector' window for 'BUS 63' is shown. It displays RFQ details and a 'Response list' table.
 

| Member ID | Price | Yield | Traded Qty | Remaining Qty | Side |
|-----------|-------|-------|------------|---------------|------|
| ISARB     | 98    |       | 20,000,000 | 20,000,000    | Sell |
| ISARB     | 98    |       | 20,000,000 | 20,000,000    | Sell |
| ISARB     | 98    |       | 0          | 0             | Sell |
- Response List:** The 'Response list' table is shown with the selected response highlighted.
 

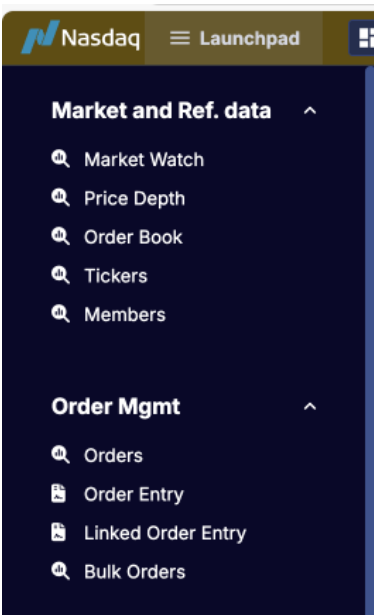
| Member ID | Price | Yield | Traded Qty | Remaining Qty | Side |
|-----------|-------|-------|------------|---------------|------|
| ISARB     | 98    |       | 20,000,000 | 20,000,000    | Sell |
| ISARB     | 98    |       | 20,000,000 | 20,000,000    | Sell |
| ISARB     | 98    |       | 0          | 0             | Sell |
- CREATE ORDER:** The 'CREATE ORDER' dialog box is shown. It displays the 'Price' and 'Quantity' fields, and the 'CREATE ORDER' button.
 

| Price | Quantity   |
|-------|------------|
| 98.00 | 20,000,000 |

# Creating a group of linked orders

Linked Orders are at present enabled by Nasdaq on instruments belonging to the STO EIM Super Benchmarks segment.

A new “Linked Order Entry” dialog has been created to allow to create a list of linked orders and can be added from the Launchpad:



In the Linked Order dialog, the instrument selector can be used to add elements to the order list.

- 1. Pick the instrument
- 2. Input price and quantity
- 3. Clicking on the + button on the relevant side
  - a. Once in the list, an order can be removed by clicking on the trash can icon
- 4. Use the advanced section to input additional parameters for the entire list
- 5. Click Create Orders

Order Entry

Linked Order Entry

Instrument

RGKB 1066 MM

Bid - - Ask - -

SE0021308541

AAA111

Yield

Quantity

- 80.00 +

- 6,000,000 +

+ BUY

+ SELL

| Instrument   | Side | Price/Yield | Quantity  | Action |
|--------------|------|-------------|-----------|--------|
| RGKB 1059 MM | Buy  | 0.005       | 4,000,000 |        |
| RGKB 1061 MM | Buy  | 0.004       | 6,000,000 |        |
| RGKB 1066 MM | Buy  | 80          | 6,000,000 |        |

Advanced

GeneralMIFIDClearing

Customer reference

Order reference

Client

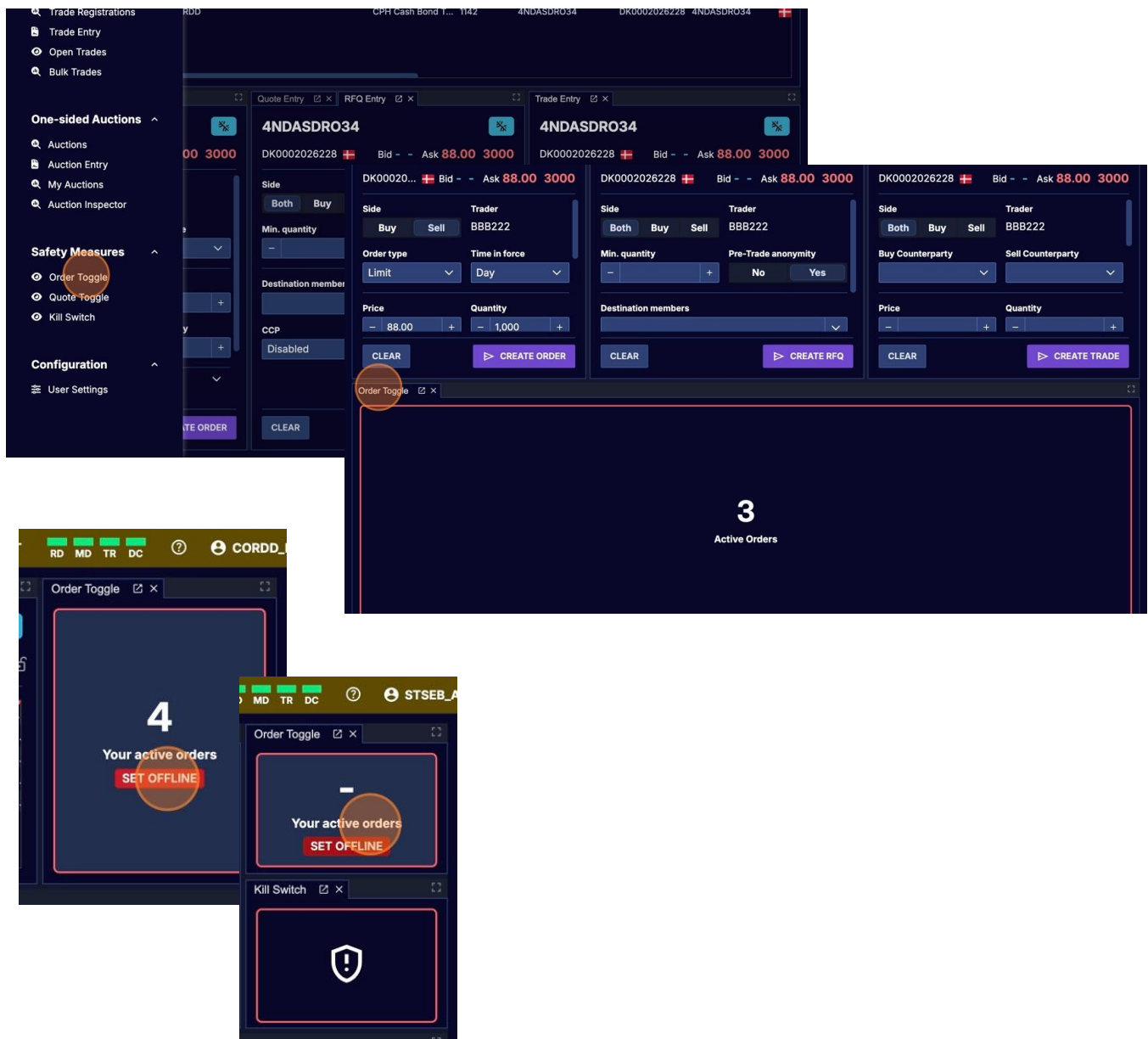
Self match prevention

CLEAR

CREATE ORDERS

## Using the Order Toggle

1. To add the Order Toggle to your workspace, open the Launchpad
2. Move the element where you want it to be
3. Click "Order Toggle"
4. (If you create an order, you'll see that the counter increases)
5. It is possible to use the order toggle to delete all orders your user created from NRT, click "SET OFFLINE"
6. The successful outcome of your request will be reflected in the status of your orders, and the counter in the order toggle





## Disabling Trading Using the Kill Switch

1. Open the Launchpad click "Kill Switch"
2. Move the element where you want it to be
3. To remove all your orders and quotes and disable the ability to create new ones, click "SET ALL OFFLINE" and confirm your choice.
4. Nasdaq need to be contacted to reenale trading.

The screenshot displays the Nasdaq Launchpad interface. On the left sidebar, under the 'Safety Measures' section, the 'Kill Switch' option is highlighted with a red circle. A red line indicates the movement of this element to the bottom right of the main workspace. The main workspace contains a 'Kill Switch' tab, a 'SET ALL OFFLINE' button with a shield icon, and a 'Please select an instrument' prompt. Below the main workspace, a 'Market Watch' table is visible, listing various financial instruments.

| [Segment]      | Country | Instrument ID | Segment             | Book Type  | Description | Symbol | ISIN | Issuer | Curr... | Maturity date |
|----------------|---------|---------------|---------------------|------------|-------------|--------|------|--------|---------|---------------|
| CPH Auction... | DK      |               | CPH Auctions        | Regular    |             |        |      |        |         |               |
| CPH Buy B...   | DK      |               | CPH Buy Back Au...  | Regular    |             |        |      |        |         |               |
| CPH Cash ...   | DK      |               | CPH Cash Bond T...  | Regular    |             |        |      |        |         |               |
| CPH Stand...   | DK      |               | CPH Standard Set... | Regular    |             |        |      |        |         |               |
| CPH Struct...  | DK      |               | CPH Structured P... | Regular    |             |        |      |        |         |               |
| CPH TAP A...   | DK      |               | CPH TAP Auctions    | Regular    |             |        |      |        |         |               |
| Iceland Cas... | IS      |               | Iceland Cash Bon... | Regular    |             |        |      |        |         |               |
| STO Corpor...  | SE      |               | STO Corporate Bo... | Indicative |             |        |      |        |         |               |

# User Roles and Multiple users

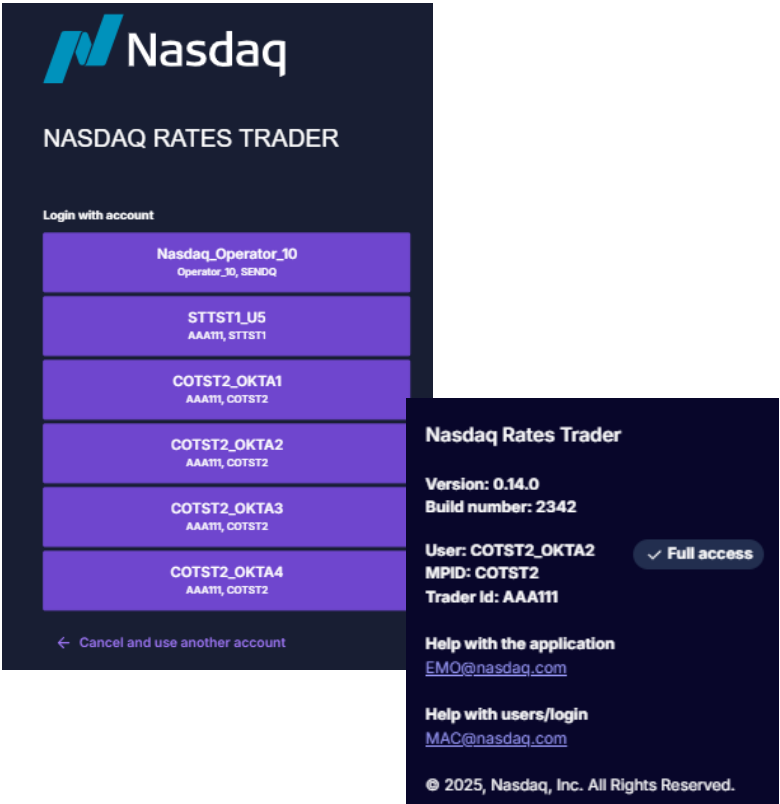
When a new user is requested in the member portal, it must be specified which type of user, there are three possible roles:

- Full Access
- Trade Report Only
- Read Only

The user role can be seen by the user in the help panel

It's possible for one person to have multiple NRT users. Requests for additional users shall be sent through the user request form in Member Portal

1. After a successful login in Okta, individuals with multiple NRT users are given the ability to pick one among the users associated to their email.
2. Details on the NRT user are available in the info panel



## Bulk Order uploads

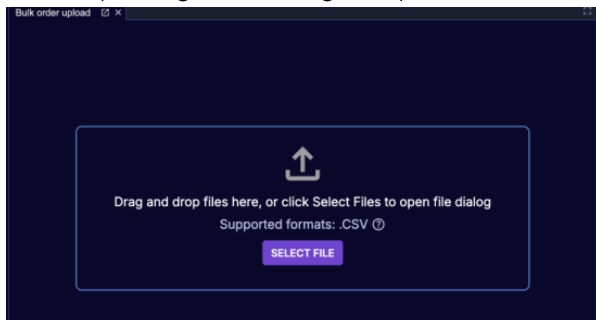
With this UI element, it's possible to select a text file in CSV format, upload it, review the orders that have been imported, and select those that are to be sent to the market as new orders.

Once created, orders uploaded in bulk are then managed in their dedicated windows and dialogs, while the bulk order dialog can be used to select a new file and do another upload.

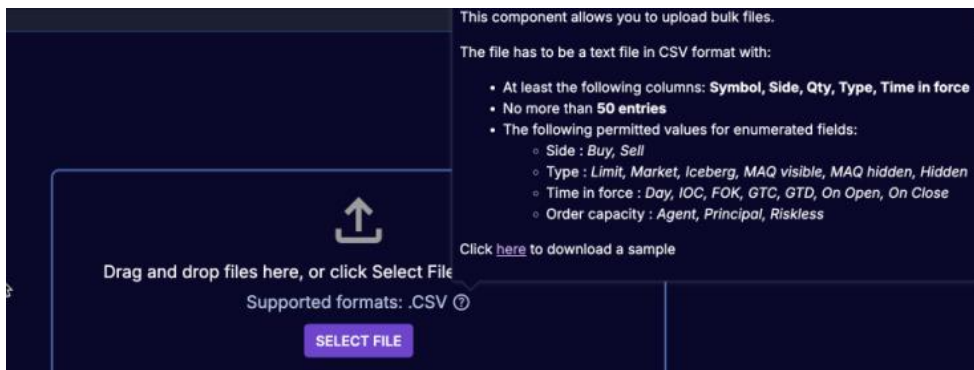
Notes:

- This can only be used to create new orders
- Linked orders are not supported
- Only basic validation is performed on the file content, for instance to ensure that numbers are provided for prices and quantities, but no check is performed on their validity, for instance based on the instrument price tick
- The only functional check is on the instrument, which must exist and be tradable
- The maximum number of orders that can be uploaded in a single request is 50

After opening the dialog to upload orders, the first step is to upload a file



Click on the "?" gives access to the documentation of the first steps of the upload process, and a link to a sample file



Once the file is uploaded, the summary of the outcome is displayed in the header along with the name of the file that was processed.



The resulting orders are displayed in a table that gives details on whether their import was successful, or the errors found while processing the rows in the file

|                                     | Upload status | Status detail                      | * Symbol          | * Side | * Qty     | * Type    | * Time In |
|-------------------------------------|---------------|------------------------------------|-------------------|--------|-----------|-----------|-----------|
| <input checked="" type="checkbox"/> | Uploaded      |                                    | RTOB120029FA      | Sell   | 1,000     | Limit     | Day       |
| <input type="checkbox"/>            | Error         | Upload error: Instrument not found | SABB10753         | Buy    | 4,000     | MAQ hi... | Day       |
| <input checked="" type="checkbox"/> | Uploaded      |                                    | 4,5OST_7.U        | Sell   | 1,000,000 | Iceberg   | GTC       |
| <input checked="" type="checkbox"/> | Uploaded      |                                    | 4,5OST_7.U        | Buy    | 1,000,000 | Iceberg   | Day       |
| <input checked="" type="checkbox"/> | Uploaded      |                                    | ESG_TRACKER_SI... | Sell   | 10,000    | Limit     | Day       |
| <input type="checkbox"/>            | Error         | Upload error: Cannot parse 'Qty'   | 1NYK01EA50        | Buy    |           | Limit     | Day       |

Errors in the upload have to be corrected in the file. The checkbox can be used to include/exclude orders successfully uploaded in the request to create them. In the screenshot, a file of 6 rows was processed Out of the 4 rows without errors, 2 were selected to be sent to the market.

|                                     | Upload status | Status detail                      | * Symbol          | * Side | * Qty     | * Type  |
|-------------------------------------|---------------|------------------------------------|-------------------|--------|-----------|---------|
| <input type="checkbox"/>            | Discarded     |                                    | RTOB120029FA      | Sell   | 1,000     | Limit   |
| <input type="checkbox"/>            | Error         | Upload error: Instrument not found | SABB10753         | Buy    | 4,000     | MAQ hi. |
| <input checked="" type="checkbox"/> | Uploaded      |                                    | 4,5OST_7.U        | Sell   | 1,000,000 | Iceberg |
| <input checked="" type="checkbox"/> | Uploaded      |                                    | 4,5OST_7.U        | Buy    | 1,000,000 | Iceberg |
| <input type="checkbox"/>            | Discarded     |                                    | ESG_TRACKER_SI... | Sell   | 10,000    | Limit   |
| <input type="checkbox"/>            | Error         | Upload error: Cannot parse 'Qty'   | 1NYK01EA50        | Buy    |           | Limit   |

Clicking on “Submit” results in sending the selected orders to the market and displaying the outcome and errors returned by the market – if any.

|                                     | Upload status | Status detail                      | * Symbol          | * Side | * Qty     | * Type  |
|-------------------------------------|---------------|------------------------------------|-------------------|--------|-----------|---------|
| <input type="checkbox"/>            | Discarded     |                                    | RTOB120029FA      | Sell   | 1,000     | Limit   |
| <input type="checkbox"/>            | Error         | Upload error: Instrument not found | SABB10753         | Buy    | 4,000     | MAQ hi. |
| <input checked="" type="checkbox"/> | Accepted      |                                    | 4,5OST_7.U        | Sell   | 1,000,000 | Iceberg |
| <input checked="" type="checkbox"/> | Accepted      |                                    | 4,5OST_7.U        | Buy    | 1,000,000 | Iceberg |
| <input type="checkbox"/>            | Discarded     |                                    | ESG_TRACKER_SI... | Sell   | 10,000    | Limit   |
| <input type="checkbox"/>            | Error         | Upload error: Cannot parse 'Qty'   | 1NYK01EA50        | Buy    |           | Limit   |

## Bulk Quote uploads

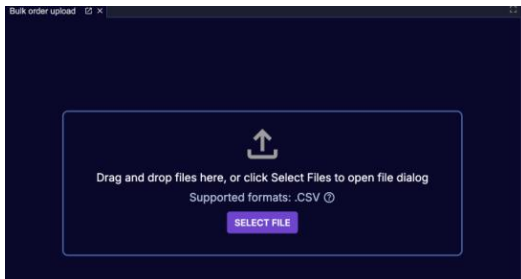
With this UI element, it's possible to select a text file in CSV format, upload it, review the quotes that have been imported, and select those that are to be sent to the market.

Once created, quotes uploaded in bulk are then managed in their dedicated windows and dialogs, while the bulk quote dialog can be used to select a new file and do another upload.

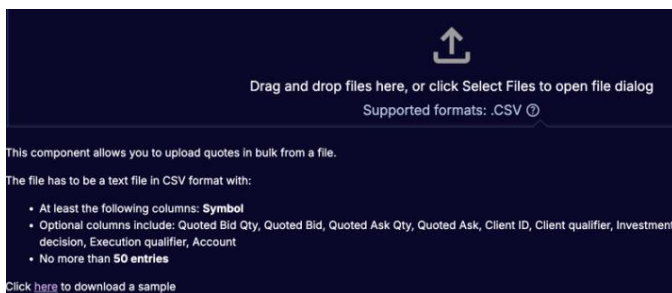
Notes:

- This can be used to create new quotes as well as edit or cancel existing ones
- The same file can have multiple rows for the same instrument, which will be processed in the order used in the preview
- To delete an existing quote, a row without prices can be added to the file
- Only basic validation is performed on the file content, for instance to ensure that numbers are provided for prices and quantities, but no check is performed on their validity, for instance based on the instrument price tick
- The only functional check is on the instrument, which must exist and be tradable
- The maximum number of quotes that can be uploaded in a single request is 50.

After opening the dialog to upload orders, the first step is to upload a file.





Click on the "?" gives access to the documentation of the first steps of the upload process, and a link to a sample file.



Once the file is uploaded, the summary of the outcome is displayed in the header along with the name of the file that was processed.

|                   |  |                                  |  |         |              |          |
|-------------------|--|----------------------------------|--|---------|--------------|----------|
| Bulk quote upload |  | Bulk Quote Upload - Sample 2.csv |  | 6 total | > 4 selected | 2 errors |
|-------------------|--|----------------------------------|--|---------|--------------|----------|

The resulting quotes are displayed in a table that gives details on whether their import was successful, or the errors found while processing the rows in the file:

| Bulk Quote Upload - Sample 2.csv  |               |  |            |                 |                | 6 total ▶ 4 selected ⚠ 2 errors |            |                |
|---|---------------|--|------------|-----------------|----------------|---------------------------------|------------|----------------|
|   | Upload status | Status detail                                    | Book Type  | * Symbol        | Quoted Bid Qty | Quoted Bid                      | Quoted Ask | Quoted Ask Qty |
|  | ❌ Error       | Upload error: Firm already quoting for this i... | Regular    | RTOB120029FA    | 10,000         | 86                              | 88         | 1,000          |
| <input checked="" type="checkbox"/>   | 📶 Uploaded    |  | Regular    | SABB107533A     | 10,000,000     | 98                              | 99         | 10,000,000     |
| <input checked="" type="checkbox"/>   | 📶 Uploaded    |  | Indicative | SEK_IRS_12Y_IND |                | 3                               | 2          |                |
|  | ❌ Error       | Upload error: Firm already quoting for this i... | Regular    | 4,5OST_7.U      | 10,000,000     | 98                              | 99         | 10,000,000     |
| <input checked="" type="checkbox"/>   | 📶 Uploaded    |  | Indicative | AKT387526       |                | 98                              | 99         |                |
| <input checked="" type="checkbox"/>   | 📶 Uploaded    |  | Regular    | 1NYK01EA50      | 10,000,000     | 98                              | 99         | 10,000,000     |

Errors in the upload have to be corrected in the file. The checkbox can be used to include/exclude quotes successfully uploaded in the requests to the market. In the screenshot, a file of 6 rows was processed. Out of the 4 rows without errors, 2 were selected to be sent to the market

| Bulk Quote Upload - Sample 2.csv    |               |  |            |                 | 6 total ▶ 2 selected 2 errors |            |            |                |
|-------------------------------------|---------------|--|------------|-----------------|-------------------------------|------------|------------|----------------|
|                                     | Upload status | Status detail                                    | Book Type  | * Symbol        | Quoted Bid Qty                | Quoted Bid | Quoted Ask | Quoted Ask Qty |
| <input type="checkbox"/>            | Error         | Upload error: Firm already quoting for this i... | Regular    | RTOB120029FA    | 10,000                        | 86         | 88         | 1,000          |
| <input type="checkbox"/>            | Discarded     |  | Regular    | SABB107533A     | 10,000,000                    | 98         | 99         | 10,000,000     |
| <input checked="" type="checkbox"/> | Uploaded      |  | Indicative | SEK_IRS_12Y_IND |                               | 3          | 2          |                |
| <input type="checkbox"/>            | Error         | Upload error: Firm already quoting for this i... | Regular    | 4,5OST_7.U      | 10,000,000                    | 98         | 99         | 10,000,000     |
| <input checked="" type="checkbox"/> | Uploaded      |  | Indicative | AKT387526       |                               | 98         | 99         |                |
| <input type="checkbox"/>            | Discarded     |  | Regular    | 1NYK01EA50      | 10,000,000                    | 98         | 99         | 10,000,000     |

Clicking on “Submit” results in sending the selected quotes to the market and displaying the outcome and errors returned by the market – if any.

| Bulk Quote Upload - Sample 2.csv |               |  |            |                 |                |            | 6 total    |                | ▶ 1 sent |  | 🔴 3 errors |  |
|----------------------------------|---------------|--|------------|-----------------|----------------|------------|------------|----------------|----------|--|------------|--|
|                                  | Upload status | Status detail                                    | Book Type  | * Symbol        | Quoted Bid Qty | Quoted Bid | Quoted Ask | Quoted Ask Qty |          |  |            |  |
|                                  | Error         | Upload error: Firm already quoting for this I... | Regular    | RTOB120029FA    | 10,000         | 86         | 88         | 1,000          |          |  |            |  |
|                                  | Discarded     |  | Regular    | SABB107533A     | 10,000,000     | 98         | 99         | 10,000,000     |          |  |            |  |
|                                  | Error         | Market error: Invalid spread                     | Indicative | SEK_IRS_12Y_IND |                | 3          | 2          |                |          |  |            |  |
|                                  | Error         | Upload error: Firm already quoting for this I... | Regular    | 4,5OST_7.U      | 10,000,000     | 98         | 99         | 10,000,000     |          |  |            |  |
|                                  | Accepted      |  | Indicative | AKT387526       |                | 98         | 99         |                |          |  |            |  |
|                                  | Discarded     |  | Regular    | 1NYK01EA50      | 10,000,000     | 98         | 99         | 10,000,000     |          |  |            |  |



# Notification Engine

End users can add an “Inbox” that will be populated if and when there are events relevant to them:

- New trades
- Outbound and inbound RFQs: notification of creation and expiration
- Trade registrations: requests to confirm a trade; or notification that my counterparty confirmed a trade I reported
- Status changes to an auction my firm initiated or is trading on

Selecting an unread event makes it transition to “read”; plus, the window has “Read/Unread” toggles that users may use to indicate which notifications they have processed

Inbox

MARK ALL AS READ

MARK AS UNREAD

| Time     | Category | Event                                 | Details   |
|----------|----------|---------------------------------------|---|
| 16:11:50 | Auctions | Received invite to participate at ... | You have been invited to an auction for 1RD10F31JAF |
| 16:02:44 | RFQs     | Received inbound RFQ                  | You have received a quote request for REITIR15053   |
| 16:02:44 | RFQs     | Inbound RFQ expired                   | The quote request for REITIR150535 has expired      |
| 15:56:44 | RFQs     | Received inbound RFQ                  | You have received a quote request for REITIR15053   |
| 15:56:44 | RFQs     | Inbound RFQ expired                   | The quote request for REITIR150535 has expired      |

The number of unread notifications of a given category is displayed in smart buttons. This for instance shows the number of new trades the user hasn’t indicated as seen

Smart Button

Trade management3

Inbox

MARK ALL AS READ

MARK AS UNREAD

| Time     | Category         | Event              | Details                                 |
|----------|------------------|--------------------|---|
| 11:46:32 | Trade management | Received new trade | New trade for BNPP_SIF_2480AC originati |
| 11:46:32 | Trade management | Received new trade | New trade for BNPP_SIF_2480AC originati |

The category of a button can be selected when the element is added to the workspace, or right-clicking on an existing one. The last event of a given category is always displayed at the bottom of a button:

Event type

Trade management

Trade registrations

Auctions

Trade management

RFQs

Auctions

3

Received invite to p... 10:39:20

# Pinning Multiple Orderbooks

In order to view orderbooks or price depths for different instruments simultaneously, end users can pin different instruments to different Order Book and Price Depth windows in their workspace,

Information for instrument X will be displayed in the pinned Order Book/Price Depth, no matter what is selected in the MarketWatch.

To pin/upin a window to the currently displayed instrument - click on the disable/enable pin icon:

Order Book

RGKB 1067 MM

SE0025137862

Continuous Trading

Statistics

Net Order Imbalance Indicator

Order Book

| Bid Qty | Bid | Ask   | Ask Qty   |
|---------|-----|-------|-----------|
|         |     | 0.001 | 2,000,000 |

Order Book

RGKB 1060 MM

SE0009496367

Continuous Trading

Statistics

Net Order Imbalance Indicator

Order Book

| Bid Qty | Bid | Ask   | Ask Qty   |
|---------|-----|-------|-----------|
|         |     | 0.002 | 6,000,000 |

Order Book

RGKB 1062 MM

SE0013935319

Continuous Trading

Statistics

Net Order Imbalance Indicator

Order Book

| Bid Qty | Bid | Ask   | Ask Qty   |
|---------|-----|-------|-----------|
|         |     | 0.002 | 6,000,000 |

Market Watch

Auctions

by segment

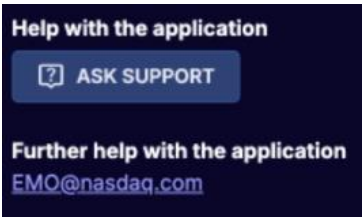
auctions

| [Segment]      | Instrument ID | Country | Symbol       | Book type  | Maturity date | Status           | Quoted bid qty | Quoted bid | Best bid qty | Best bid | Best ask | Best ask qty | Quot |
|----------------|---------------|---------|--------------|------------|---------------|------------------|----------------|------------|--------------|----------|----------|--------------|------|
| ICELAND CAS... |               | IS      |              | Regular    |               | Continuous Tr... | 0              | 0          | 0            |          |          | 0            |      |
| STO Corpor...  |               | SE      |              | Indicative |               | Continuous Tr... | 0              | 0          | 0            |          |          | 0            |      |
| STO EIM SU...  |               | SE      |              | Regular    |               | Continuous Tr... | 0              | 0          | 0            |          |          | 14,000,000   |      |
|                | 1510          | SE      | RGKB_1067_MM | Regular    | 2036-10-15    | Continuous Tr... |                |            |              |          | 0.001    | 2,000,000    |      |
|                | 2488          | SE      | RGKB_1060_MM | Regular    | 2028-05-12    | Continuous Tr... |                |            |              |          | 0.002    | 6,000,000    |      |
|                | 4112          | SE      | RGKB_1062_MM | Regular    | 2031-05-12    | Continuous Tr... |                |            |              |          | 0.002    | 6,000,000    |      |
|                | 6600          | SE      | RGKB_1066_MM | Regular    | 2035-05-11    | Continuous Tr... |                |            |              |          |          |              |      |
| STO Fixed I... |               | SE      |              | Indicative |               | Continuous Tr... | 0              | 0          | 0            |          |          | 0            |      |
| STO FN Int...  |               | SE      |              |            |               | Continuous Tr... | 0              | 0          | 0            |          |          | 0            |      |
| STO Mortg...   |               | SE      |              | Indicative |               | Continuous Tr... | 0              | 0          | 0            |          |          | 0            |      |

# Nasdaq Support contacts and In-App Support

Always contact EMO@nasdaq.com to receive general support, or [MAC@nasdaq.com](mailto:MAC@nasdaq.com) for login and username support.

The email support request can be complemented by using the “Ask Support” buttons in the UI, found in the help-section or by right-clicking on an order or trade in their respective blotters. Sending a request this way will help the support team to find the order or trade that you are referring to in your email.



Your in-app support requests can be seen in the Support Requests window, but the resolution to the reported issue will be communicated back through the email that you sent to Nasdaq.

| Support Requests     |           |                  |          |             |           |                    |                    |                           |  |
|----------------------|-----------|------------------|----------|-------------|-----------|--------------------|--------------------|---------------------------|--|
| Time                 | Trader ID | Summary          | Type     | Object T... | Object ID | Observed Behaviour | Expected Behaviour | Free Text                 |  |
| 2025-08-22 16:11:... | BBB222    | from the blotter | Question | Order       | 15        |                    |                    | Regarding Order 15 wit... |  |
| 2025-08-22 14:07:... | BBB222    | Just asking      | Question | Order       | 0         |                    |                    | Regarding Order 0 with... |  |