TRADING TECHNOLOGIES

# MIAX Futures Onboarding Guide

## Version 1.00

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# Revision History

| Date | Version | Description |
|---|---|---|
| Thursday, March 6, 2025 | 1.00 | • Initial publication |

# Introduction

On June 29, 2025, Minneapolis Hard Red Spring Wheat (HRSW) Futures, the flagship product of the MIAX Futures Exchange (formerly Minneapolis Grain Exchange), will be migrating from CME to the newly developed Onyx platform of MIAX.

This guide provides an overview of trading these contracts on TT®.

# New Market on TT

A new market **MIAX_FUTURES_CHICAGO** will be added on TT to support trading on these contracts.

# Product and Instrument Details

These Minneapolis HRSW Futures will be available under the product symbol MWE on TT with contract months of March, May, July, September and December. Further details on these contracts can be found at the following link: Minneapolis HRSW Contract Specifications

# Session Schedule

| Market State | Time (CT) |
|---|---|
| Pre-Open (#1) | Sun: 1600 to 1900<br>Mon-Thu: 1645 to 1900 |
| Open (#1) | Sun-Fri: 1900 to 0745 |
| Pre-Open (#2) | Mon-Fri: 0800 to 0830 |
| Open (#2) | Mon-Fri: 0830 to 1330 |
| Close | Mon-Fri: 1330 |

# TTUS Configuration

The below settings will need to be configured for the user to be able to trade on the **MIAX_FUTURES_CHICAGO** market on TT.*

**If this market is not visible to the company admins, they should contact their TT Onboarding representatives to enable this market for their company.*

## User Level Settings

- Enable the relevant Market Data Permissions for the user, and accept the MIAX Market Data Agreement.
- Sender Sub Id - This is a required field, and maps to exchange Tag 50.
- Self Match Prevention - Optional field that maps to exchange Tag 7928. This can be a 2, 3 or 4-character value (No spaces are allowed)
    - 1st character - Self Trade Protection Level. Allowed values:
        - F = Firm
        - M = MPID
        - P = Parent Group
    - 2nd character - Self Trade Protection Instruction. Allowed values:
        - N = Cancel Newest
        - O = Cancel Oldest
        - B = Cancel Both
        - D = Decrement and Cancel
    - 3rd and 4th characters - Customer-specified protection group (optional)
        - Trading Participant specified alphanumeric value consisting of 0-9, A-Z or a-z
        - Space is not supported and will be rejected if present in the 3rd or 4th position
- Text A - Optional text field that maps to exchange Tag 58.

## Account Level Settings

- Origin - Mandatory field that maps to exchange tag 204. Allowed values:
    - 0 = Customer
    - 1 = Firm
- On Behalf of Comp ID - Mandatory field that maps to exchange tag 115. Should be populated with an exchange-provided valid value.
- Clearing Account - Sent to exchange on Tag 1. This is an optional field on TT. If populated, TT will send the value populated in this field to the exchange on Tag 1. If this field is left blank, TT will send the TT Account to the exchange on Tag 1.
- Customer Order Handling Instruction - Sent to exchange on Tag 1031. Valid values:
    - W = Desk

    - Y = Electronic
    - C = Vendor-provided Platform billed by Executing Broker
    - G = Sponsored Access via Exchange API or FIX provided by Executing Broker
    - H = Premium Algorithmic Trading Provider billed by Executing Broker
    - D = Other, including Other-provided Screen
- CTI Code - Sent to exchange on Tag 9702. Valid values:
    - 1 = CTI 1: Transactions initiated and executed by an individual Market Participant for his/her own account, for an account he/she controls, or for an account in which he/she has ownership or financial interest. Select Member Trader on TT for this value.
    - 2 = CTI 2: Transactions executed for the proprietary account of a Clearing Member. Select Proprietary on TT for this value.
    - 3 = CTI 3: Transactions where a Market Participant executes for the personal account of another Market Participant, for an account the other Market Participant controls or for an account in which the other Market Participant has ownership or financial interest. Select On Behalf of Other Traders for this value.
    - 4 = CTI 4: Any transaction not meeting the definition of CTI 1, 2 or 3. Select Other on TT for this value.

## Connection Settings

- Primary IP - 188.209.146.154
- Primary Port - as provided by exchange
- Sender Comp Id - as provided by exchange. Sent to exchange on tag 49.
- Target Comp Id - populate as CFTB2. Sent to exchange on tag 56.

# Summary of OTDs and FIX Tags

Below is a summary of the OTDs and FIX Tags that will be supported on TT for MIAX:

| Exchange Field | Exchange Tag | TTUS OTD | FIX Tag |
|---|---|---|---|
| Account | Tag 1 | Clearing Account | Tag 1 / Tag 16999 |
| CustomerOrFirm | Tag 204 | Origin | Tag 448 (452 = 205) |
| OnBehalfOfCompID | Tag 115 | On Behalf of Comp ID | Tag 115 |
| CustOrderHandlingInst | Tag 1031 | Customer Order Handling Instruction | Tag 1031 |
| CTICode | Tag 9702 | CTI Code | Tag 448 (452 = 209) |

| | | | |
|---|---|---|---|
| SenderSubId | Tag 50 | Sender Sub ID | Tag 50 |
| SelfTradeProtection | Tag 7928 | Self Match Prevention | Tag 7928 |
| Text | Tag 58 | Text A | Tag 58 |

# Go Live Schedule

| Target UAT Date | 1 May, 2025 |
|---|---|
| Dress Rehearsal #1 | 17 May, 2025 |
| Dress Rehearsal #2 | 14 Jun, 2025 |
| Dress Rehearsal #3 | 28 Jun, 2025 |
| Go Live | 29 Jun, 2025 |

# Frequently Asked Questions (FAQs)

1. What will be the session schedule in the UAT environment?
    a. In the UAT environment, the MIAX Futures session will be in Pre Open from 4 PM ET to 4:15 PM ET Sunday to Thursday. The session will open at 4:15 PM ET Sunday to Thursday, and will close at 1:30 PM ET on the next day.
2. What notifications / messages will be received for expired orders?
    a. The exchange does not currently send any cancellations for expired orders, and hence no cancel messages will be available in TT at EOD (i.e. when the session closes at 1:30 PM ET). The expired orders will get purged from TT when the TT session starts for the next date at 4:00 PM on Sunday / 4:45 PM Monday to Thursday.
        i. Exchange has agreed to consider sending cancellations for expired orders at EOD, and will make changes at their end. This will not be available for Day 1 of the Go Live on 29 Jun 2025. Since exchange will add this logic at their end, similar logic to handle such a scenario will not be built on TT.
3. Is Cancel on Disconnect supported on TT for MIAX Futures?
    a. While MIAX Futures supports Cancel on Disconnect, this is not configurable through the FIX API messages, and hence the support on TT will be limited to processing the cancellation / execution messages received from the exchange in the event of a disconnection.