

# Front-End Audit Trail Requirements Advisory

**Version 1.1**

**Modified June 24, 2025**

# Front-End Audit Trail Requirements Advisory

Associated with MIAX Futures Definitions and Rules 5.3. and 2.3.2.

Effective upon the launch of the MIAX Futures Exchange, LLC's ("MIAX Futures" or "Exchange") Onyx trading platform ("Onyx"), MIAX Futures Definition of "Order" and Rules 5.3. and 2.3.2. will require that each Clearing Member or Onyx Direct Participants shall ensure that all orders submitted to the Exchange comply with the Exchange's Audit Trail requirements.

In accordance with the Definition of "Order" and Rules 5.3. and 2.3.2. (proposed), each Clearing Member or Person with direct access via Clearing Membership or Onyx Membership shall, in accordance with CFTC Regulations, Exchange Rules, and guidance adopted by the Exchange, be responsible for maintaining electronic audit trail at the time of order generation:

**ORDER:** means any bid or offer to buy or sell a MIAX Futures contract in accordance with the Rules of the Exchange, which includes, but is not limited to, any cancellation, deletion, modification, alteration, or any other message pertaining to such Order, or as may otherwise be approved by the Exchange from time to time.

## 5.3. ORDER ENTRY AND AUDIT TRAIL REQUIREMENTS.

Market Participants shall enter Orders into the Electronic Trading System by electronic transmission and shall provide the information required by the Electronic Trading System for such MIAX Futures Contract and shall adhere to the audit trail requirements under **Rule 2.3.2.** The Exchange shall maintain an electronic record of successfully processed Order entries. Each Clearing Member and Onyx Direct Access Participant shall be responsible for any and all Orders that it enters into the Electronic Trading System.

Similarly, each Clearing Member must maintain compliance with the following audit trail requirements for electronic audit trail reviews by the MIAX Futures Regulatory Department:

## 2.3.2. ELECTRONIC AUDIT TRAIL AND OTHER RECORDKEEPING REQUIREMENTS.

All Clearing Members and Onyx Direct Access Participants are required to maintain or cause to be maintained the Order routing and front-end audit trail for all electronic Orders that it or its customer enters including, but not limited to: Order entry, modification, cancellation and responses to such messages entered into the Electronic Trading System by the Clearing Member, Onyx Direct Access Participants, or its customers.

The Clearing Member, Onyx Direct Access Participant, or customer may assign the recordkeeping requirements contained in this Rule subject to the following conditions: (1) the Clearing Member, Onyx Direct Access Participant and the customer must have applicable written agreements assigning the recordkeeping requirements with particularity; and (2) upon request, either the

**MIAX FUTURES EXCHANGE, LLC**

400 South 4th Street, 130 Grain Exchange Building | Minneapolis, MN 55415

MIAX Futures | [miaxglobal.com](http://miaxglobal.com)

Clearing Member, Onyx Direct Access Participant or the customer must provide such agreements to the Exchange.

The Clearing Member and/or Onyx Direct Access Participant must ensure that any written agreements assigning recordkeeping requirements of this Rule are being followed by any customers. The Clearing Member, Onyx Direct Access Participant, and/or the customer may be held accountable for failure to maintain or causing to be maintained the recordkeeping requirements of this Rule.

Audit trail data must contain a complete and accurate record of information and fields that are required by the Electronic Trading System and this Rule. Changes to required audit trail data for the Electronic Trading System may occur from time to time, and are hereby incorporated into this Rule. Required audit trail data means a record of all FIX Order Interface ("FOI") and Futures Express Interface ("FEI") Tag information and fields (as applicable), including, but not limited to: Account (Tag 1), Client Order ID (Tag 11), Execution ID (Tag 17), Last Price (Tag 31), Last Size (Tag 32), Order ID (Tag 37), Order Quantity (Tag 38), Order Status (Tag 39), Order Type (Tag 40), Original Client Order ID (Tag 41), Price (Tag 44), Operator ID (Tag 50), Client Sending Time (Tag 52), Order Instructions (Tag 54), Instrument ID (Tag 55), Text (Tag 58), Time in Force (Tag 59), Transaction Time (Tag 60), Stop Order Trigger Price (Tag 99), Minimum Quantity (Tag 110), MPID (Tag 115), Operator Location (Tag 142), Execution Type (Tag 150), Leaves Quantity (Tag 151), Customer Order Handling Instruction (Tag 204), Status (Tag 378), Manual Order Indicator (Tag 1028), Customer Order Handling Instruction (Tag 1031), Self Trade Protection (Tag 7928), and CTI code (Tag 9702). In addition, for executed orders, records must include the execution time of the trade along with all fill information.

The Exchange conducts annual reviews of Clearing Members and Onyx Direct Participants to verify compliance with the audit trail and recordkeeping requirements. Each Person with direct access to Onyx shall maintain (or caused to be maintained) and, upon request, produce the audit trail records required by this Rule; and each Clearing Member or Onyx Direct Participant shall, upon request, obtain and produce the audit trail records required under this Rule for each Person the Clearing Member or Onyx Direct Participant has authorized to have direct access to Onyx. Upon request by the Exchange, each Clearing Member and Onyx Direct Participant must produce the electronic audit trail in a format prescribed by the Exchange. **Failure to produce the requested information may result in disciplinary action.**

A sample of the format required by the Exchange is attached to this Advisory. All electronic audit trail data provided to the Exchange must include the FIX Order Interface ("FOI") or Futures Express Interface ("FEI") tags in the column headings.

The electronic audit trail must be maintained for a minimum of five (5) years pursuant to CFTC Regulation 1.31 and 1.35.

**Questions regarding this Advisory may be directed to the Market Regulation Department at [MIAXFuturesMarketReg@miaxglobal.com](mailto:MIAXFuturesMarketReg@miaxglobal.com).**

The information contained in this document is for general purposes only and is not tailored to any specific situations of a recipient of this document. The information contained herein is subject to and is superseded by official MIAX Futures Rules, which can be found at [www.miaxglobal.com](http://www.miaxglobal.com).

## MIAX FIX Order Interface (“FOI”) and MIAX Futures Express Interface (“FEI”) Tag Descriptions

Please see below for the FOI and FEI tags that are to be included in the audit trail format. For full descriptions of each tag, refer the FOI and FEI technical specifications available on the [MIAX Futures Website](#).

FOI Tag #	FOI Field Name	FOI Message Name	FEI Field Name	FEI Message Name
1	Account	Execution Report	Account	Simple Execution Notification Complex Execution Notification
11	ClOrdID	Execution Report	Client Order ID	Simple Execution Notification Complex Execution Notification Modify Order Notification Cancel/Reduce Size Order Notification
17	ExecID	Execution Report (on executions only)	Execution ID Complex Trade ID	Simple Execution Notification Complex Execution Notification
31	LastPx	Execution Report	Last Price	Simple Execution Notification Complex Execution Notification Cancel/Reduce Size Order Notification
32	LastShares	Execution Report	Last Size	Simple Execution Notification Complex Execution Notification Cancel/Reduce Size Order Notification
37	OrderID	Execution Report	Order ID	New Order Notification Modify Order Notification Cancel/Reduce Size Order Notification
38	OrderQty	Execution Report	Last Size/Size	Simple Execution Notification Complex Execution Notification Modify Order Notification
39	OrdStatus	Execution Report	Trade Status	Simple Execution Notification

**MIAX FUTURES EXCHANGE, LLC**

400 South 4th Street, 130 Grain Exchange Building | Minneapolis, MN 55415

MIAX Futures | [miaxglobal.com](http://miaxglobal.com)

				Complex Execution Notification
<b>40</b>	OrdType	Execution Report	Order Type	Simple Execution Notification Complex Execution Notification
<b>41</b>	OrigClOrdID	Execution Report	Original Client Order ID	Modify Order Notification
<b>44</b>	Price	Execution Report	Last Price/Price	Simple Execution Notification Complex Execution Notification Modify Order Notification
<b>50</b>	SenderSubID (Operator ID)	Standard Header	Operator ID	Simple Execution Notification Complex Execution Notification Modify Order Notification Cancel/Reduce Size Order Notification
<b>52</b>	SendingTime	Standard Header	Client Sending Time	Simple Execution Notification Complex Execution Notification Modify Order Notification Cancel/Reduce Size Order Notification
<b>54</b>	Side	Execution Report	Order Instructions	Simple Execution Notification Complex Execution Notification
<b>55</b>	Symbol (InstrumentID)	Execution Report	Instrument ID	Simple Execution Notification Complex Execution Notification Modify Order Notification Cancel/Reduce Size Order Notification
<b>58</b>	Text	Execution Report	Text Memo	Simple Execution Notification Complex Execution Notification
<b>59</b>	TimeInForce	Execution Report	Time in Force (TIF)	New Order Notification
<b>60</b>	TransactTime	Execution Report	Matching Engine Time	Simple Execution Notification

**MIAX FUTURES EXCHANGE, LLC**

400 South 4th Street, 130 Grain Exchange Building | Minneapolis, MN 55415

MIAX Futures | [miaxglobal.com](http://miaxglobal.com)

				Complex Execution Notification
<b>99</b>	StopPx	Execution Report	Stop Order Trigger Price	New Order Notification Modify Order Notification Modify Order Notification
<b>110</b>	MinQty	Execution Report	MinQty	New Order Notification
<b>115</b>	OnBehalfOfCompID	Standard Header	MPID	Simple Execution Notification Complex Execution Notification Modify Order Notification Cancel/Reduce Size Order Notification
<b>142</b>	SenderLocationID (Operator Location)	Standard Header	Operator Location	Simple Execution Notification Complex Execution Notification Modify Order Notification Cancel/Reduce Size Order Notification
<b>150</b>	ExecType	Execution Report	Trade Status	Simple Execution Notification Complex Execution Notification
<b>151</b>	LeavesQty	Execution Report	Leaves Qty	Modify Order Notification Cancel/Reduce Size Order Notification
<b>204</b>	CustomerorFirm	Execution Report	Additional Order Indicators	New Order Notification Modify Order Notification
<b>378</b>	ExecRestatementReason	Execution Report	Status	Order Status Update Notification
<b>1028</b>	ManualOrderIndicator	Execution Report	Additional Order Indicators	New Order Notification Modify Order Notification
<b>1031</b>	CustOrdHandlingInst	Execution Report	Customer Order Handling Instruction	New Order Notification Modify Order Notification
<b>7928</b>	SelfTradeProtection	Execution Report	Self Trade Protection Group	New Order Notification

**MIAX FUTURES EXCHANGE, LLC**

400 South 4th Street, 130 Grain Exchange Building | Minneapolis, MN 55415

MIAX Futures | [miaxglobal.com](http://miaxglobal.com)

				Modify Order Notification
<b>9702</b>	CtiCode	Execution Report	CTI Code	Simple Execution Notification Complex Execution Notification

**Points to Note:**

- Execution ID on FEI for Complex Executions can be inferred from the component executions that are reported in the Simple Execution Notification message. Note the Execution ID will be different for each component execution and can be provided in association with the Complex Trade ID.

### Revision History

Revision History				
	Date	Name	Version	Description
1.	May 12, 2025	MIAX Futures	1.0	Initial version
2.	June 24, 2025	MIAX Futures	1.1	Updated name of Tag 38 to "Order Quantity" from "Trade Status"; added "Order Status" as Tag 39; Updated name of Tag 150 to "Execution Type" from "Trade Status"; added Customer Order Handling Instruction (Tag 1031).

**MIAX FUTURES EXCHANGE, LLC**

400 South 4th Street, 130 Grain Exchange Building | Minneapolis, MN 55415

MIAX Futures | [miaxglobal.com](https://miaxglobal.com)





[miaxglobal.com](http://miaxglobal.com)