FINRA/NYSE
Trade Reporting Facility® (TRF®)

Messaging Specification

For NYSE TRF

V5.7
11/02/2023

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Document Revisions

Version	Description of Version	Date Completed
4.1	- Updated for TRF 4.1.0 - FIX Execution Messages no Longer Supported	11/10/2014
4.2	- Removed extraneous Tags - General Edits - Specified Explicit Fees in Prod TBD	12/11/2014
4.3	- Updated for TRF 4.1.0 - FIX Execution Messages no Longer Supported - Updated effective date for FINRA Regulatory Notice 14-21	3/20/2015
4.4	- Updated FIX version to 4.4 - Removed out of date Implementation Timeline 4.0	06/09/2015
4.5	- Updated price format - Special Processing Flag (22005) rule update - TradeModifier2 = 7 Qualified Contingent Trade; changed from FINRA contingent trade - Added values for TradeRptStatus (939)	10/01/2015
4.6	-Update to LastPx Field - Edited allowed value for Tag 9854 - Added Fix Tag 22030 Reporting Obligation (FINRA CR49) -Updated values in FIX Tag 852	02/16/16
4.7	-Clarified information regarding Tag 22030 Reporting Obligation throughout -Updated values for Tags 1041(FirmTradeID) and 1003(TradeID) on Confirmed Cancel/TRCX (Out) messages -Cosmetic changes to fonts	03/17/2016
4.8	- Fixed typo in Tag 852 - Fixed typo in time format - FIX Tag 577 updated if left blank - FIX Tag 107, Security Desc, no longer a required field - FIX Tag 22013; Cross Trades cannot be Locked-In	09/26/16
4.9	- Trade Cancel (In) only available to cancel trades submitted the same day - Updated default for FIX Tag 22001 from T+3 to T+2 - Updated valid values for FIX Tag 855	06/27/2017
5.0	- Added FINRA/Nasdaq TRF Chicago to FIX Tags 852 and	

Version	Description of Version	Date Completed
	22029 - Fixed typo in Tag 1041 in the Reject Message section - Removed references to T+2 to T+3 settlement transition period	
5.1	- Fixed typo to make 852 a FINRA required FIX tag	11/15/19
5.2	- Added Long Term Stock Exchange values to Tag 852 - Added warning about truncating prices when digits supplied exceed field size	
5.3	- Added Members Exchange (MEMX) and MIAX Pearl, LLC (MIAX) to Tag 852	08/20/20
5.4	- Updated Cancel, Correction, and Reversal descriptions	10/14/20
5.5	- Nanoseconds update to all timestamp FIX tags	06/01/2021
5.6	- Compliance ID (Tag 376) update to replace OATS with CAT per FINRA Spec update. - LastPx (Tag 31) and ClearingPrice (9822) format update.	06/14/2022
5.7	- Added language to Price Override Field - Removed Tag 107 from Correction (In) message type - T+1 Clearing Changes	11/02/2023

Required Fields

Required fields will be marked with either a 'Y' for standard requirements or an 'F' for FINRA required fields.

Format Changes and Timeline

On November 15, 2021, FINRA/NYSE TRF will begin supporting timestamps with up to nanosecond granularity (HH:MM:SS.sssssssss) in accordance with amendments to FINRA's equity trade report rules. Please refer to FINRA Regulatory Notice 20-41 for additional information on firms' reporting obligations under these amendments.

FINRA/NYSE TRF expects that, beginning November 15, 2021, it will check the first report submitted on each customer gateway session to determine the timestamp granularity for that specific session for the remainder of the trading day. If, after November 15, 2021, a firm sends timestamps with nanosecond granularity on its first trade report submitted during the trading day, FINRA/NYSE TRF expects that all of that session's outbound messages from FINRA/NYSE TRF back to the firm will be in nanoseconds for the remainder of the trading day. If a firm does not send timestamps with nanosecond granularity, e.g. milliseconds or microseconds, on its first trade report submitted during the trading day, all of that session's outbound messages from FINRA/NYSE TRF back to the firm will be in the first report's timestamp granularity. All outbound messages passed through the FINRA/NYSE TRF to FINRA and the Tape will have reports zero-padded out to the nanosecond.

Timeline:

8/16/21 - Certification Testing Environment Go-Live

11/15/21 - Industry Go-Live

Equity Trade Message Formats

1. Trade Capture Report – Reporting a trade (In)

Tag	FIX tag name	Req'd	Comment
	Standard Header	Y	MsgType = AE
1041	FirmTradeID	Y	The client identifier assigned to a trade by the reporting participant firm to track a trade within the firm's system.
1042	SecondaryFirmTradeID		*FINRA Extension to FIX 4.4:* The Contra Client Identifier assigned to a trade by the contra side. Only allowed on Locked-in, Customer, and Cross Trade Reports.
487	TradeReportTransType	F	Valid values: 0 = New
856	TradeReportType	F	Valid values: 0 = Submit
570	PreviouslyReported	Y	Indicates if the trade capture report was previously reported to the counterparty Valid values: N = No
1015	AsOfIndicator		Used to indicate that a trade was executed "as of" a prior date. Valid values: 0 = false – trade is not an As-Of trade (default) 1 = true – trade is an As-Of trade
55	Symbol	F	Ticker symbol. Max size: 14 characters.
65	SymbolSfx		Symbol suffix. Additional information about the security (e.g., preferred, warrants, etc.)
32	LastQty	Y	Trade Volume as number of shares. Format: max 8 characters, no decimal.
31	LastPx	Y	Trade Price. Can be entered as a decimal unit price (see Tag 423 Price Type). Format: nnnnnn.nnn (6v3) nnnnn.nnnn (5v4) nnnn.nnnnn (4v5) nnn.nnnnnn (3v6)

Tag	FIX tag name		Req'd	Comment
				If 31=$0 then NYSE TRF will reject. Trade price cannot be zero. (FINRA CR52) *Note* If the significant digits supplied exceed those detailed in the patterns above, the fractional portion of the TRF execution price will be truncated to match those patterns. 3v6 only available up to $499.999999.
423	PriceType		F	98 = Decimal Unit Price
9822	ClearingPrice			Price inclusive of Explicit Fee cannot equal trade price. Can only be entered as a decimal unit price Format: nnnnnn.nnn (6v3) nnnnn.nnnn (5v4) nnnn.nnnnn (4v5) nnn.nnnnnn (3v6) *Note* If the significant digits supplied exceed those detailed in the patterns above, the fractional portion of the TRF execution price will be truncated to match those patterns. 3v6 only available up to $499.999999.
75	TradeDate		Y	Execution Date Interpreted as an As-Of trade if not current date. Format: YYMMDD
60	TransactTime		Y	Time the transaction represented by this Trade Capture Report occurred (in **UTC/GMT**). Format: YYYYMMDD-HH:MM:SS.sssssssss *NOTE*Please refer to the, "Format Changes and Timeline," section for full guidance.
64	SettlDate			Specific date of trade settlement (Settlement Date) in YYYYMMDD format. Optional
552	TrdCapRptSideGrp/NoSides		Y	Set value to 2 (Oneside for the Reporting party and one side for the Contra party). On Cross trades, set value to 2 and Reporting party and Contra party mus be the same MPID
	54	Side	Y	Side of trade. Valid values: 1 = Buy 2 = Sell 8 = Cross Cross trades cannot be AGU or QSR trade reports. They will reject if sent as Locked-In. (FINRA CR53). Cross trades also must have Reporting Obligation Tag 22030 = 'Y'
	37	OrderID	Y	Required in FIX, but ignored
	453	Parties/NoPartyIDs	F	Number of parties on the reporting/contra side of the trade
	448	PartyID	F	Identifier for the type of party defined in PartyRole. Either an MPID or a Clearing Account number or "C" for customer on the contra side. *NOTE* If 448 = C then 22030 must = 'Y'
	447	PartyIDSource	F	Valid values: C = Generally accepted market participant identifier (e.g. FINRA mnemonic)
	452	Party Role	F	Valid values: 1 = Executing Firm 7 = Entering Firm 14 = Give-up Firm 17 = Contra Firm 83 = Clearing Firm Number
	528	Order Capacity	F	Designates the capacity of the reporting/contra party. Valid values: A = Agency P = Principal R = Riskless Principal

Tag	FIX tag name		Req'd	Comment
				Required on the reporting side. Contra side is required on all Locked-In trades and allowed on Cross trades.
	58	Text		Free format user Memo field. Not to exceed 10 characters. Contra side memo allowed.
	376	ComplianceID	F	Compliance Identifier. Required field. Contra side Compliance Identifier required on Locked-In trades and allowed on Cross trades. Not to exceed 20 characters.
9854	OverrideFlag			*FINRA Extension to FIX 4.4* Valid values: Y = Yes N = No (default value) *Cannot be set to 'Y' on initial submission. Only allowed on resubmission of rejected reports due to pricing validations.
22013	LockedInIndicator			*FINRA Extension to FIX 4.4* Indicates that the firm entering the trade is reporting for both sides of the trade. This occurs when two of its give-ups trade with each other (Two-sided give-up), or the firm trades with one of its own give-ups (One-sided give-up), or on a QSR type trade (no give-ups or a give-up on the contra side only). Valid values: Y = Yes N = No A Uniform Service Agreement (USA) must be in place in order for firms to submit trade reports on behalf of their give ups or contra parties and as Locked-In trades. (Cross trades cannot be Locked-In.)
22005	SpecialProcessingFlag			*FINRA Extension to FIX 4.4* This field allows a trade to be marked for special processing (e.g., position transfers). Valid values: N = No Special Processing (default) Y = Position Transfer O = Clearing Only/Non Regulatory Notes: a Clearing Only/Non Regulatory designation (value = O) is used to identify a clearing-only submission that is tied to a trade previously reported to the TRF that was published. Can also be used on the offsetting portion of a riskless principal or agency transaction for which a non-tape, non-clearing trade report was already submitted to the TRF. A Position Transfer (value = Y) is used when reporting a transfer of proprietary positions in debt or equity securities, as outlined in Regulatory Notice 09-21.
22001	TradeModifier1			*FINRA Extension to FIX 4.4* Settlement modifiers. Valid values are: 0 = regular (T+2, default) C = Cash (same day) N = Next Day R = Seller's Option Effective 05/28/2024: 0 = regular (T+1, default) C = Cash (same day) R = Seller's Option
855	SecondaryTrdType			Days to settlement 03-60 = Seller's Option

Tag	FIX tag name	Req'd	Comment
			Can only be submitted when Tag 22001 TradeModifier1 = R Effective 05/28/2024 Days to settlement 02-60 = Seller's Option
22002	TradeModifier2		*FINRA Extension to FIX 4.4* Rule 611 Trade Thru Exempt reason modifiers. Valid values are: 2 = FINRA Self-help indicator 3 = Intermarket sweep outbound 4 = Derivatively priced 6 = Intermarket sweep inbound 7 = Qualified Contingent Trade 8 = FINRA sub-penny indicator E = Error Correction P = Print Protection
829	TrdSubType	Y	0 = no Trade Through Exemption 1 = Trade Through Exemption
22033	TradeModifier2Time		Time associated with Intermarket sweep outbound trades, (in **UTC/GMT**). Format: HH:MM:SS.sssssssss *NOTE*Please refer to the, "Format Changes and Timeline," section for full guidance. May only be submitted when Tag 22002 TradeModifier2 = 3 (Intermarket sweep outbound).
22003	TradeModifier3		*FINRA Extension to FIX 4.4* Trade modifiers. Submitted by the participant firm. Valid values are: T = Executed outside normal market hours Z = Executed during normal market hours and reported late U = Executed outside normal market hours and reported late
22004	TradeModifier4		*FINRA Extension to FIX 4.4* SRO detail sale condition. Required indicator if a trade falls under one of the following transaction types (otherwise the field must not be set): W = Weighted Average Price S = Stopped Stock P = Prior Reference Price X = Trade related to option exercises R = Trade price unrelated to the current market
22018	TradeModifier4Time		Time associated with Prior Reference Price or Stopped Stock trade, in (**UTC/GTM**). Format: HH:MM:SS.sssssssss *NOTE*Please refer to the, "Format Changes and Timeline," section for full guidance. May only be submitted when Tag 22004 TradeModifier4 = S (Stopped Stock) or P (Prior Reference Price).
81	ProcessCode		0 = regular (default) 2 = Step In trade 3 = Step Out trade 7 = Special trade 8 = Special and Step Out trade 9 = Special and Step In trade A = Step Out trade with Fees *(for Section 3)* B = Special and Step Out trade with Fees (for Section 3) *NOTE* If 81 = 3, 8, A, or B then Reporting Obligation Tag 22030 must = 'Y'. If 81 = 2 or 9 then 22030 must = 'N'
577	ClearingInstruction	F	98 = QSR no clear 11 = QSR Clear 12 = Customer trade

Tag	FIX tag name	Req'd	Comment
			10 = AGU 13 = Self Clear *NOTE* Will reject if left blank
22024	ShortSaleIndicator		S = Sold Short E = Sold Short Exempt *Allowed only on: • Sell side trades • AGU/QSR trades • Customer buys • Buys from another FINRA member that are not locked-in and are tape only or non-tape/clearing
852	PublishIndicator	F	As submitted by the participant firm. Y = Publish N = Clearing Only A = NYSE MKT Exchange trade B = Boston Stock Exchange trade C = National Stock Exchange trade D = Members Exchange E = New York Stock Exchange trade F = Foreign Market G = BATS Y Exchange trade H = BATS Exchange trade I = International Securities Exchange trade J = Direct Edge A Exchange trade K = Direct Edge X Exchange trade L = Long Term Stock Exchange M = Chicago Stock Exchange trade P = NYSE Arca Exchange trade Q = NASDAQ Exchange R = MIAX Pearl, LLC V = IEX W = Chicago Board Options Exchange trade X = Nasdaq PSX trade O = Unknown Market Center U = Unspecified Multiple Market Centers 0 = ADF/ORF 1 = FINRA/Nasdaq TRF Carteret 2 = FINRA/Nasdaq TRF Chicago 3 = FINRA/NYSE TRF *Note: if 852=Y then 22030 must = Y or it will reject.
22030	Reporting Obligation	Y	A FINRA required field that allows the submitter of the trade report to identify whether or not they are the party that has the responsibility to report the trade, as defined in FINRA Rule 6380B(b). For the purpose of reporting Step-Outs/Step-Ins, the firm stepping-out (transferring the position out) must always populate the Reporting Obligation Flag with 'Y' value, and the firm stepping-in (receiving the shares in) must always populate the field with an 'N' value. All Published reports must populate the Reporting Flag with 'Y' value. All Customer trade reports must populate the Reporting Flag with 'Y' value. All Cross trade reports must populate the Reporting Flag with 'Y' value.

Tag	FIX tag name	Req'd	Comment
			Y = Trade reported by the member with the reporting obligation N = Trade reported by the members who does not have the reporting obligation
	Standard Trailer	Y	

2. Trade Capture Report - Trade Cancel (In)

To be used to cancel trades submitted on the same day. Unless otherwise noted, all fields follow rules/definitions as outlined in the Comments column of the Trade Capture Report inbound message.

Tag	FIX tag name	Req'd	Comment
	Standard Header	Y	MsgType = AE
1041	FirmTradeID	Y	Client (firm) generated identifier of the trade.
1126	OrigTradeID	F	OrigTradeID carries the ten digit FINRA control number referenced on Corrections and Reversals (tag 1003 on the orginal trade ack)
22012	OrigControlDate	F	Control Date of the original trade.
487	TradeReportTransType	F	Valid values: 1 = Cancel
856	TradeReportType		Valid values: 6 = Cancel
	Standard Trailer	Y	

3. Trade Capture Report – Reversal (In)

To be used to cancel trades submitted T+N. Unless otherwise noted, all fields follow rules/definitions as outlined in the Comments column of the Trade Capture Report inbound message.

Tag	FIX tag name	Rec'd	Comment
	Standard Header	Y	MsgType = AE
1041	FirmTradeID	Y	Client generated identifier assigned to the trade.
1042	SecondaryFirmTradeID		The Contra Client Identifier assigned to a trade by the contra side. Only allowed on Locked-in, Customer, and Cross Trade Reports.
22035	OrigTRFRefernceNum	F	The reference number generated by the Exchange TRF of the original trade being reversed, as provided by the firm on their reversal submission. (The Tag 22025, TRF Reference Number, value on the original trade ack).
22011	ControlDate	F	A Control Date is assigned to this Reversal submission. Reflects the date of the submission.
22012	OrigControlDate	F	Control Date of the original trade being reversed.
1126	OrigTradeID	F	FINRA Control Number of the original trade being reversed.
22029	ReferenceReportingFacility		Used if a participant transitions from one FINRA Reporting Facility to another and the participant needs to reverse a trade on the new reporting facility that was originally entered on the old reporting facility. Valid values: A =ADF B = FINRA/NASDAQ TRF Chicago Q = FINRA/NASDAQ TRF Carteret N = FINRA/NYSE TRF O = ORF (OTC Equity Reporting Facility)
			Valid values:

Tag	FIX tag name	Rec'd	Comment
487	TradeReportTransType	F	4 = Reverse
856	TradeReportType	F	Valid values: 0 = Submit
570	PreviouslyReported	Y	Indicates if the trade capture report was previously reported to the counterparty. Required in FIX, but ignored in Reversals. Valid values: N = No
1015	AsOfIndicator	F	Valid values: 1 = true – trade is an As-Of trade
55	Symbol	F	Ticker symbol submitted on original trade report.
65	SymbolSfx		Symbol suffix submitted on original trade report.
32	LastQty	Y	Trade Volume submitted on original trade report.
31	LastPx	Y	Trade Price submitted on original trade report.
423	PriceType	F	As submitted on original trade report. 98 = Decimal Unit Price
9822	ClearingPrice		As submitted on the original trade report.
75	TradeDate	Y	Execution Date reported on the original trade report.
60	TransactTime	Y	Time the transaction represented by this Trade Capture Report occurred (in **UTC/GMT**). Format: YYYYMMDD-HH:MM:SS.sssssssss *NOTE*Please refer to the, "Format Changes and Timeline," section for full guidance.
64	SettlDate		Settlement Date submitted on original trade report.
552	TrdCapRptSideGrp/NoSides	Y	Set value to 2 (One side for the Reporting party and one side for the Contra party). On Cross trades, set value to 2 and the Reporting party and Contra party must be the same MPID.
	54 Side	Y	Side of trade submitted on original trade report. Valid values: 1 = Buy 2 = Sell 8 = Cross
	37 OrderID	Y	Required in FIX, but ignored
	453 Parties/NoPartyIDs	F	Number of parties on the reporting/contra side of the trade as submitted on the original trade report.
	448 PartyID	F	Identifier for the type of party defined in PartyRole. Either an MPID or a Clearing Account number or "C" for customer on the contra side.
	447 PartyIDSource	F	Valid values : C = Generally accepted market participant identifier (e.g. FINRA mnemonic)
	452 PartyRole	F	Valid values: 1 = Executing Firm 7 = Entering Firm 14 = Giveup Firm 17 = Contra Firm 83 = Clearing Firm Number
	528 OrderCapacity	F	Designates the capacity of the reporting/contra party as submitted on original trade report. Valid values: A = Agency P = Principal

Tag	FIX tag name		Rec'd	Comment
				R = Riskless Principal Required on the reporting side. Contra side is required on all Locked-In trades and allowed on Cross trades.
	58	Text		Submitted on original trade report
	376	ComplianceID	F	Compliance Identifier. Required Field. Contra side Compliance Identifier required on Locked-In trades and allowed on Cross trades. Not to exceed 20 characters.
9854	OverrideFlag			As submitted on original trade report.
22013	LockedInIndicator			As submitted on original trade report.
22005	SpecialProcessingFlag			As submitted on original trade report.
22001	TradeModifier1			As submitted on original trade report.
855	SecondaryTrdType			As submitted on original trade report. Can only be submitted when Tag 22001 TradeModifier1 = R
22002	TradeModifier2			As submitted on original trade report.
829	TrdSubType		Y	As submitted on original trade report. 0 = no Trade Through Exemption 1 = Trade Through Exemption
22033	TradeModifier2Time			As submitted on original trade report. Required (and may only be submitted) when Tag 22002 TradeModifier2 = 3 (Intermarket Sweep Outbound).
22003	TradeModifier3			As submitted on original trade report.
22004	TradeModifier4			As submitted on original trade report.
22018	TradeModifier4Time			As submitted on original trade report. Required (and may only be submitted) when Tag 22004 TradeModifier4 = S (Stopped Stock) or P (Prior Reference Price)
81	ProcessCode			As submitted on original trade report.
577	ClearingInstruction		F	Indicates if the Exchange TRF submitted the Reversal for clearing. 98 = QSR no clear 11 = QSR Clear 12 = Customer trade 10 = AGU 13 = Self Clear
852	PublishTrdIndicator		F	As submitted on original trade report.
22030	Reporting Obligation		Y	As submitted on original trader report
22024	ShortSaleIndicator			As submitted on original trade report.
	Standard Trailer		Y	

4. Trade Capture Report – Trade Correction (In)

To be used to correct trades submitted on the same business day. Unless otherwise noted, all fields follow rules/definitions as outlined in the Comments column of the Trade Capture Report inbound message.

Tag	FIX tag name	Req'd	Comment
	Standard Header	Y	MsgType = AE
1041	FirmTradeID	Y	Client generated identifier of the trade.
1042	SecondaryFirmTradeID		The Contra Client Identifier assigned to a trade by the contra side. Only used for Locked-in (AGU/QSR), Cross, and Customer Trade Reports.
22011	ControlDate	F	Control Date of the new (amended) trade.
1003	TradeID	F	New FINRA Control Number generated by the Exchange TRF on the new (amended) trade record created as a result of the correction. .
22012	OrigControlDate	F	Control Date of the original trade.
1126	OrigTradeID	F	FINRA Control Number of the original trade.
487	TradeReportTransType	F	Valid values: 2 = Replace
856	TradeReportType	F	Valid values: 5 = Correction
570	PreviouslyReported	Y	Indicates if the trade capture report was previously reported to the counterparty. Required in FIX, but ignored in Corrections. Valid values: N = No
1015	AsOfIndicator	F	As submitted on original trade report. Valid values: 0 = false – trade is not an As-Of trade 1 = true – trade is an As-Of trade
55	Symbol	F	Ticker symbol submitted on original trade report. **Please note Symbol cannot be amended on a Correction.**
65	SymbolSfx		Symbol suffix submitted on original trade report. **Please note Symbol Suffix cannot be amended on a Correction.**
32	LastQty	Y	Trade Volume (original amount reported or amended amount).
31	LastPx	Y	Trade Price (original price reported or amended price).
423	PriceType	F	Original or amended price type. 98 = Decimal Unit Price
9822	ClearingPrice		Original value or amended value.
75	TradeDate	Y	Execution Date (original date reported or amended date).
60	TransactTime	Y	Time the transaction represented by this Trade Correction Report occurred (in **UTC/GMT**). Format: YYYYMMDD-HH:MM:SS.sssssssss *NOTE*Please refer to the, "Format Changes and Timeline," section for full guidance.

64			SettlDate		Settlement Date (original date reported or amended date).
552			TrdCapRptSideGrp/NoSides	Y	Set value to 2 (One side for the Reporting party and oneside for the Contra party). On Cross trades, set value to 2 and the Reporting party and the Contra party must be the same MPID.
	54		Side	Y	Side of trade (original side reported or amended side). Valid values: 1 = Buy 2 = Sell 8 = Cross
	37		OrderID	Y	Required in FIX, but ignored
	453		Parties/NoPartyIDs	F	Number of parties on the reporting/contra side of the trade
		448	PartyID	F	Identifier for the type of party defined in PartyRole. Either an MPID or a Clearing Account number or “C” for customer on the contra side. PartyID may be amended.
		447	PartyIDSource	F	Valid values : C = Generally accepted market participant identifier (e.g. FINRA mnemonic)
		452	PartyRole	F	Valid values: 1 = Executing Firm 7 = Entering Firm 14 = Giveup Firm 17 = Contra Firm 83 = Clearing Firm Number
	528		OrderCapacity	F	Original or amended capacity of the reporting/contra party. Valid values: A = Agency P = Principal R = Riskless Principal Required on the reporting side. Contra side is required on all Locked-In, Customer, and Cross trades.
	58		Text		Memo field, may be amended. Not to exceed 10 characters. Contra side memo allowed.
	376		ComplianceID	F	COMPLIANCE Identifier (original or amended). Contra side required on Locked-In trades and allowed on Customer and Cross trades. Not to exceed 20 characters.
9854			OverrideFlag		Original value or amended value.
22013			LockedInIndicator		Original value or amended value.
22005			SpecialProcessingFlag		Original value or amended value.
22001			TradeModifier1		Original value or amended value.
855			SecondaryTrdType		Original value or amended value. Can only be submitted when Tag 22001 TradeModifier1 = R.
22002			TradeModifier2		Original value or amended value.
829			TrdSubType	Y	Original value or amended value. 0 = no Trade Through Exemption 1 = Trade Through Exemption
22033			TradeModifier2Time		As submitted on original trade report. Required (and may only be submitted) when Tag 22002 TradeModifier2 = 3 (Intermarket Sweep Outbound).

22003	TradeModifier3		Original value or amended value.
22004	TradeModifier4		Original value or amended value.
22018	TradeModifier4Time		Original value or amended value. Required (and may only be submitted) when Tag 22004 TradeModifier4 = S (Stopped Stock) or P (Prior Reference Price)
81	ProcessCode		Original value or amended value.
577	ClearingInstruction	F	98 = QSR no clear 11 = QSR Clear 12 = Customer trade 10 = AGU 13 = Self Clear
852	PublishTrdIndicator	F	As submitted by the participant firm on the correction. Y = Publish N = Clearing Only A = NYSE MKT Exchange trade B = Boston Stock Exchange trade C = National Stock Exchange trade D = Members Exchange E = New York Stock Exchange trade F = Foreign Market G = BATS Y Exchange trade H = BATS Exchange trade I = International Securities Exchange trade J = Direct Edge A Exchange trade K = Direct Edge X Exchange trade L = Long Term Stock Exchange M = Chicago Stock Exchange trade P = NYSE Arca Exchange trade Q = NASDAQ Exchange R = MIAX Pearl, LLC V = IEX W = Chicago Board Options Exchange trade X = Nasdaq PSX trade O = Unknown Market Center U = Unspecified Multiple Market Centers 0 = ADF/ORF 1 = NASDAQ TRF 3 = NYSE TRF
22024	ShortSaleIndicator		Original value or amended value.
22030	Reporting Obligation	Y	As submitted on original trade report
	Standard Trailer	Y	

5. Trade Capture Report – Acknowledgement/TREN (Out)

Tag	FIX tag name	Req'd	Comment
	Standard Header	Y	MsgType = AE
1011	MessageEventSource	F	Used to identify the type of acknowledgement. Value "TREN" identifies a TRF Trade Capture Report accepted by FINRA.
939	TrdRptStatus		3 digit code representing the trade was accepted but the Exchange TRF should be aware of certain conditions to the trade. Valid values: 101 = Invalid Clearing Account Number 102 = Invalid Clearing Relationship 103 = Invalid Giveup /Reporting Relationship 104 = TradeModifier2 (TTE Reason) required on Trade Through Exempt trade 105 = TrdSubType must be Trade Through Exempt when TradeModifier2 is provided 106 = FINRA calculates different TradeModifier3 107 = PublishTrdIndicator should be No on Step Outs 108 = Invalid Seller Days 109 = Invalid Trade Modifier 1 110 = Invalid Trade Modifier 2 111 = Invalid Trade Modifier 3 112 = Invalid Trade Modifier 4 114 = FINRA calculates different Publish Indicator 115 = Execution Date cannot be prior to As Of Start Date 116 = Non-business day execution must be non- clearing 117 = Historic trade to reverse not found 118 = Invalid clearing flag for Special/Step Out function 119 = Executing Party not authorized 121 = Clearing Number 9999 Used 123 = Execution Time Greater Than Trade Report Time 125 = Contra Party and Reporting Party should be the same for a Cross trade 126 = Contra Party Give-Up and Reporting Party Give- Up should be the same for a Cross trade 127 = Invalid Trade Modifier 4 Time 128 = Invalid Special Processing Flag 129 = Invalid Clearing Flag 130 = Invalid Capacity
1041	FirmTradeID	Y	FirmTradeID from inbound TCR.
1042	SecondaryFirmTradeID		SecondaryFirmTradeID from inbound TCR.
22025	TRFReferenceNumber	F	Internal ID assigned to the original trade by NYSE TRF. Field cannot exceed 20 characters.

Tag	FIX tag name			Req'd	Comment
22011	ControlDate			F	ControlDate from inbound TCR.
1003	TradeID			F	TradeID from inbound TCR (FINRA Control Number).
487	TradeReportTransType			F	Valid values: 0 = New
856	TradeReportType			F	Valid values: 0 = Submit
570	PreviouslyReported			Y	Will always be set to: N = No
1015	AsOfIndicator				AsOfIndicator from inbound TCR.
55	Symbol			F	Symbol from inbound TCR.
65	SymbolSfx				SymbolSfx from inbound TCR.
32	LastQty			Y	LastQty from inbound TCR.
31	LastPx			Y	LastPx from inbound TCR.
423	PriceType			F	PriceType from inbound TCR.
9822	ClearingPrice				ClearingPrice from inbound TCR.
75	TradeDate			Y	TradeDate from inbound TCR.
60	TransactTime			Y	Time the transaction represented by this Trade Capture Report occurred (in **UTC/GMT**). Format: YYYYMMDD-HH:MM:SS.sssssssss *NOTE*Please refer to the, "Format Changes and Timeline," section for full guidance.
64	SettlDate				SettlDate from inbound TCR.
22030	ReportingObligation			Y	ReportingObligation from inbound TCR.
552	TrdCapRptSideGrp/NoSides			Y	TrdCapRptSideGrp/NoSides from inbound TCR.
	54	Side		Y	Side from inbound TCR
	37	OrderID		Y	Required in FIX, set to NONE.
	453	Parties/NoPartyIDs		F	Parties/NoPartyIDs from inbound TCR.
		448	PartyID	F	PartyID from inbound TCR.
		447	PartyIDSource	F	Will always be set to : C = Generally accepted market participant identifier (e.g. FINRA mnemonic)
		452	PartyRole	F	PartyRoles from inbound TCR.
	528	OrderCapacity		F	OrderCapacity from inbound TCR.
	58	Text			Text from inbound TCR.
	376	ComplianceID		F	ComplianceID from inbound TCR.
9854	OverrideFlag				OverrideFlag from inbound TCR.
22013	LockedInIndicator			F	LockedInIndicator from inbound TCR.
22005	SpecialProcessingFlag				SpecialProcessingFlag from inbound TCR.
22001	TradeModifier1				TradeModifier1 from inbound TCR.
855	SecondaryTrdType				SecondaryTrdType from inbound TCR.
22002	TradeModifier2				TradeModifier2 from inbound TCR.
829	TrdSubType			Y	TrdSubType from inbound TCR.
22033	TradeModifier2Time				TradeModifier2Time from inbound TCR.
22003	TradeModifier3				TradeModifier3 from inbound TCR.
22017	TRFTradeModifier3				TRFTradeModifier3 from inbound TCR.
22020					Single character Time Modifier determined by FINRA based on comparing Execution Time (22007) against TRFReceiptTime (22021). Will be populated when TrdRptStatus (939) = 106. Valid values: T = Executed outside normal market hours

Tag	FIX tag name	Req'd	Comment
	FINRATradeModifier3		Z = Executed during normal market hours and reported late U = Executed outside normal market hours and reported late
22004	TradeModifier4		TradeModifier4 from inbound TCR.
22018	TradeModifier4Time		TradeModifier4Time from inbound TCR.
22019	TRFTradeModifier4		TRFTradeModifier4 from inbound TCR.
22007	ExecutionTime	F	ExecutionTime from inbound TCR.
81	ProcessCode		ProcessCode from inbound TCR.
107	SecurityDesc		SecurityDesc from inbound TCR.
852	PublishTrdIndicator	F	PublishTrdIndicator from inbound TCR.
22023	TRFPublishTrdIndicator	F	TRFPublishTrdIndicator from inbound TCR.
22024	ShortSaleIndicator		ShortSaleIndicator from inbound TCR.
	Standard Trailer	Y	

6. Trade Capture Report – Confirmed Cancel/TRCX (Out)

Unless otherwise specified, the fields returned on the acknowledgement will echo back the values submitted on the Trade Cancel.

Tag	FIX tag name	Req'd	Comment
	Standard Header	Y	MsgType = AE
1011	MessageEventSource	F	Used to identify the type of acknowledgment. Value "TRCX" identifies a Trade cancel accepted by FINRA.
1041	FirmTradeID	Y	FirmTradeID from the original trade
22011	ControlDate	F	ControlDate from inbound Trade Cancel.
1003	TradeID	F	TradeID from the original trade. (FINRA Control Number).
487	TradeReportTransType	F	Valid values: 1 = Cancel
856	TradeReportType	F	Valid values: 6 = Cancel 7 = Break
570	PreviouslyReported	Y	Will always be set to: N = No
32	LastQty	Y	LastQty from inbound Trade Cancel.
31	LastPx	Y	LastPx from inbound Trade Cancel.
75	TradeDate	Y	TradeDate from inbound Trade Cancel.
552	TrdCapRptSideGrp/NoSides	Y	For Trade Cancels this is always set to 1.
→	54 Side	Y	Side of trade. Valid values: 1 = Buy 2 = Sell 8 = Cross
→	37 OrderID	Y	Required in FIX, set to NONE.
	Standard Trailer	Y	

7. Trade Capture Report – Confirmed Reversal /TRHX (Out)

Tag	FIX tag name	Req'd	Comment
	Standard Header	Y	MsgType = AE
1011	MessageEventSource	F	Used to identify the type of acknowledgment. Value "TRHX" identifies a Reversal accepted by FINRA.
939	TrdRptStatus		3 digit code representing the trade was accepted but the Exchange TRF should be aware of certain conditions to the trade. Valid values: 101 = Invalid Clearing Account Number 102 = Invalid Clearing Relationship 103 = Invalid Giveup /Reporting Relationship 104 = TradeModifier2 (TTE Reason) required on Trade Through Exempt trade 105 = TrdSubType must be Trade Through Exempt when TradeModifier2 is provided 106 = FINRA calculates different TradeModifier3 107 = PublishTrdIndicator should be No on Special, Step Ins, or Step Outs 108 = Invalid Seller Days 109 = Invalid Trade Modifier 1 110 = Invalid Trade Modifier 2 111 = Invalid Trade Modifier 3 112 = Invalid Trade Modifier 4 114 = FINRA calculates different Publish Indicator 115 = Execution Date cannot be prior to As Of Start Date 116 = Non-business day execution must be non-clearing 117 = Historic trade to reverse not found 118 = Invalid clearing flag for Special/Step Out function 119 = Executing Party not authorized 121 = Clearing Number 9999 Used 122 = Cannot Link to Original Trade 124 = Execution Time Greater Than Original Trade Execution Time 125 = Contra Party and Reporting Party should be the same for a Cross trade 126 = Contra Party Give-Up and Reporting Party Give-Up should be the same for a Cross trade 127 = Invalid Trade Modifier 4 Time 128 = Invalid Special Processing Flag 129 = Invalid Clearing Flag 130 = Invalid Capacity
1041	FirmTradeID	Y	FirmTradeID from inbound Trade Reversal.
1042	SecondaryFirmTradeID		SecondaryFirmTradeID from inbound Trade Reversal.
22025	TRFReferenceNumber	F	TRFReferenceNumber from inbound Trade Reversal.
22035	OrigTRFReferenceNum	F	OrigTRFReferenceNum from inbound Trade Reversal
22012	OrigControlDate	F	OrigControlDate from inbound Trade Reversal

1126				OrigTradeID	F	OrigTradeId from inbound Trade Reversal.
22011				ControlDate	F	ControlDate from inbound Trade Reversal
1003				TradeID	F	TradeId from inbound Trade Reversal.
22029				ReferenceReportingFacility		ReferenceReportingFacility from inbound Trade Reversal
487				TradeReportTransType	F	Valid values: 4 = Reverse
856				TradeReportType	F	Valid Values: 0 = Submit
570				PreviouslyReported	Y	Will always be set to: N = No
1015				AsOfIndicator	F	Must be set to 1 on Reversals. 1 = true
55				Symbol	F	Symbol from inbound Trade Reversal
65				SymbolSfx		SymbolSfx from inbound Trade Reversal
32				LastQty	Y	LastQty from inbound Trade Reversal
31				LastPx	Y	LastPx from inbound Trade Reversal
423				PriceType	F	Price Type from inbound Trade Reversal
9822				ClearingPrice		ClearingPrice from inbound Trade Reversal
75				TradeDate	Y	TradeDate from inbound Trade Reversal.
60				TransactTime	Y	Time the transaction represented by this Reversal occurred (in **UTC/GMT**). Format: YYYYMDD-HH:MM:SS:sssssssss *NOTE*Please refer to the, “Format Changes and Timeline,” section for full guidance.
64				SettlDate		SettlDate from inbound Trade Reversal
22030				ReportingObligation	F	ReportingObligation from inbound TradeReversal.
552				TrdCapRptSideGrp/NoSides	Y	TrdCapRptSideGrp/NoSides from inbound TradeReversal.
	54			Side	Y	Side from inbound Trade Reversal
	37			OrderID	Y	Required in FIX, set to NONE.
	453			Parties/NoPartyIDs	F	Parties/NoPartyIDs from inbound Trade Reversal
		448		PartyID	F	PartyID from inbound Trade Reversal.
		447		PartyIDSource	F	Will always be set to: C = Generally accepted market participant identifier (e.g. FINRA mnemonic)
		452		PartyRole	F	PartyRoles from inbound Trade Reversal.
		802		NoPartySubIDs		No PartySubIDs from inbound Trade Reversal.
			523	PartySubID		PartySubID from inbound Trade Reversal
			803	PartySubIDType		PartySubIDType from inbound Trade Reversal
	528			OrderCapacity	F	OrderCapacity from inbound Trade Reversal
	58			Text		Text from inbound Trade Reversal.
	376			ComplianceID	F	ComplianceID from inbound Trade Reversal
9854				OverrideFlag		OverrideFlag from inbound Trade Reversal
22013				LockedInIndicator		LockedInIndicator from inbound Trade Reversal
22001				TradeMidifier1		TradeModifier1 from inbound Trade Reversal
855				SecondaryTrdType		SecondaryTrdType from inbound Trade Reversal
22002				TradeModifier2		TradeModifier2 from inbound Trade Reversal
829				TrdSubType	Y	TrdSubType from inbound Trade Reversal.
22033				TradeModifier2Time		TradeModifier2Time from inbound TCR.
22003				TradeModifier3		TRFTradeModifier3 from inbound Trade Reversal
22017				TRFTradeModifier3		TRFTradeModifier3 from inbound Trade Reversal
22004				TradeModifier4		TradeModifier4 from inbound Trade Reversal
22018				TradeModifier4Time		TradeModifier4Time from inbound Trade Reversal.
22019				TRFTradeModifier4		TRFTradeModifier4 from inbound Trade Reversal
22007				ExecutionTime	F	ExecutionTime from inbound Trade Reversal
81				ProcessCode		ProcessCode from inbound Trade Reversal

107	SecurityDesc		SecurityDesc from inbound Trade Reversal
852	PublishTrdIndicator	F	PublishIndicator from inbound Trade Reversal
22023	TRFPublishTrdIndicator	F	TRFPublishIndicator from inbound Trade Reversal
22024	ShortSaleIndicator		ShortSaleIndicator from inbound Trade Reversal
	Standard Trailer	Y	

8. Trade Capture Report – Confirmed Correction / TRCR (Out)

Unless otherwise specified, the fields returned on the acknowledgement will echo back the values submitted on the Trade Correction.

Tag	FIX tag name	Req'd	Comment
	Standard Header	Y	MsgType = AE
1011	MessageEventSource	F	Used to identify the type of acknowledgment. Value "TRCR" identifies a Correction accepted by FINRA.
939	TrdRptStatus		3 digit code representing the trade was accepted but the Exchange TRF should be aware of certain conditions to the trade. Valid values: 101 = Invalid Clearing Account Number 102 = Invalid Clearing Relationship 103 = Invalid Giveup /Reporting Relationship 104 = TradeModifier2 (TTE Reason) required on Trade Through Exempt trade 105 = TrdSubType must be Trade Through Exempt when TradeModifier2 is provided 106 = FINRA calculates different TradeModifier3 107 = PublishTrdIndicator should be No on Special, Step Ins, orStep Outs. 108 = Invalid Seller Days 109 = Invalid Trade Modifier 1 110 = Invalid Trade Modifier 2 111 = Invalid Trade Modifier 3 112 = Invalid Trade Modifier 4 114 = FINRA calculates different Publish Indicator 115 = Execution Date cannot be prior to As Of Start Date 116 = Non-business day execution must be non-clearing 117 = Historic trade to reverse not found 118 = Invalid clearing flag for Special/Step Out function 119 = Executing Party not authorized 121 = Clearing Number 9999 Used 122 = Cannot Link to Original Trade 123 = Execution Time Greater Than Trade Report Time 124 = Execution Time Greater Than Original Trade Execution Time 125 = Contra Party and Reporting Party should be the same for a Cross trade 126 = Contra Party Give-Up and Reporting Party Give-Up should be the same for a Cross trade 127 = Invalid Trade Modifier 4 Time 128 = Invalid Special Processing Flag 129 = Invalid Clearing Flag 130 = Invalid Capacity
1041	FirmTradeID	Y	FirmTradeID from inbound Trade Correction.
1042	SecondaryFirmTradeID		SecondaryFirmTradeID from inbound Trade Correction.
22025	TRFReferenceNumber	F	TRFReferenceNumber from inbound Trade Correction.
22011	ControlDate	F	ControlDate from inbound Trade Correction.

1003	TradeID		F	TradeID from inbound Trade Correction.
22012	OrigControlDate		F	OrigControlDate from inbound Trade Correction.
1126	OrigTradeID		F	OrigTradeId from inbound Trade Correction.
487	TradeReportTransType		F	Valid values: 2 = Replace
856	TradeReportType		F	Valid values: 5 = Correction
570	PreviouslyReported		Y	Will always be set to: N = No
1015	AsOfIndicator		F	AsOfIndicator from inbound Trade Correction.
55	Symbol		F	Symbol from inbound Trade Correction.
65	SymbolSfx			SymbolSfx from inbound Trade Correction.
32	LastQty		Y	LastQty from inbound Trade Correction.
31	LastPx		Y	LastPx from inbound Trade Correction.
423	PriceType		F	PriceType from inbound Trade Correction.
9822	ClearingPrice			ClearingPrice from inbound Trade Correction.
75	TradeDate		Y	TradeDate from inbound Trade Correction.
64	SettlDate			SettlDate from inbound Trade Correction.
22030	ReportingObligation		F	ReportingObligation from inbound Trade Correction.
552	TrdCapRptSideGrp/NoSides		Y	TrdCapRptSideGrp/NoSides from inbound Trade Correction.
→	54	Side	Y	Side from inbound Trade Correction.
→	37	OrderID	Y	Required in FIX, set to NONE.
→	453	Parties/NoPartyIDs	F	Parties/NoPartyIDs from inbound Trade Correction.
→	→	448 PartyID	F	PartyID from inbound Trade Correction.
→	→	447 PartyIDSource	F	Will always be set to : C = Generally accepted market participant identifier (e.g. FINRA mnemonic)
→	→	452 PartyRole	F	PartyRoles from inbound Trade Correction.
→	528	OrderCapacity	F	OrderCapacity from inbound Trade Correction.
→	58	Text		Text from inbound Trade Correction.
→	376	ComplianceID	F	ComplianceID from inbound Trade Correction.
9854	OverrideFlag			OverrideFlag from inbound Trade Correction.
22013	LockedInIndicator			LockedInIndicator from inbound Trade Correction.
22005	SpecialProcessingFlag			SpecialProcessingFlag from inbound Trade Correction.
22001	TradeModifier1			TradeModifier1 from inbound Trade Correction.
855	SecondaryTrdType			SecondaryTrdType from inbound Trade Correction.
22002	TradeModifier2			TradeModifier2 from inbound Trade Correction.
829	TrdSubType		Y	TrdSubType from inbound Trade Correction.
22033	TradeModifier2Time			TradeModifier2Time from inbound TCR.
22003	TradeModifier3			TradeModifier3 from inbound Trade Correction.
22017	TRFTradeModifier3			TRFTradeModifier3 from inbound Trade Correction.
22020	FINRATradeModifier3			Single character Time Modifier determined by FINRA based on comparing Execution Time (22007) against

			TRFReceiptTime (22021). Will be populated when TrdRptStatus (939) = 106. Valid values: T = Executed outside normal market hours Z = Executed during normal market hours and reported late U = Executed outside normal market hours and reported late
22004	TradeModifier4		TradeModifier4 from inbound Trade Correction.
22018	TradeModifier4Time		TradeModifier4Time from inbound Trade Correction.
22019	TRFTradeModifier4		TRFTradeModifier4 from inbound Trade Correction
22007	ExecutionTime	F	ExecutionTime from inbound Trade Correction.
81	ProcessCode		ProcessCode from inbound Trade Correction.
107	SecurityDesc		SecurityDesc from inbound Trade Correction.
22026	PriorDayClearingInstruction	F	PriorDayClearingInstruction from inbound Trade Correction.
852	PublishTrdIndicator	F	PublishTrdIndicator from inbound Trade Correction.
22023	TRFPublishTrdIndicator	F	TRFPublishTrdIndicator from inbound Trade Correction.
22024	ShortSaleIndicator		ShortSaleIndicator from inbound Trade Correction.
	Standard Trailer	Y	

9. Trade Capture Report Ack – Reject (Out)

Tag	FIX tag name	Req'd	Comment
	Standard Header	Y	MsgType = AR
1041	FirmTradeID	Y	FirmTradeID from the original trade
1042	SecondaryFirmTradeID		TradeReportID from inbound Message being rejected
487	TradeReportTransType	F	Valid values: J = Reject
150	ExecType	Y	This field signals whether the TCR was accepted or rejected. Valid values: 8 = Rejected
939	TradeRptStatus		Valid values: 1 = Rejected
55	Symbol	F	Ticker symbol submitted.
65	SymbolSfx		Symbol suffix, if submitted.
751	TradeReportRejectReason		Reason Trade Capture Report was rejected by FINRA. Valid values (examples): INVALID MPID SECURITY NOT FOUND TRADE NOT FOUND (on Cancels, Reversals and Corrections) REQUIRED FIELD MISSING FORMAT ERROR
58	Text		Contains the actual error message describing the TradeReportRejectReason.
	Standard Trailer	Y	