

# MDP 3.0 - TCP Replay Messages

The messages included below are used for [MDP 3.0 TCP Recovery](#).

- [Logon from Client System to MDP](#)
- [Logon from MDP to Client System](#)
- [Market Data Replay Request](#)
- [Logout](#)

## Logon from Client System to MDP

The **Market Data Logon (tag 35-MessageType=A)** message is sent by the client system to MDP to initiate logon.

Required fields are:

Tag	Name	FIX Type	Enumeration	Req	Description
35	MessageType	Char	A	Y	Message Type
553	Username	String		Y	User ID or username.
554	Password	String		Y	Password or pass phrase.
10	Checksum	String		Y	Always last tag in message. Functions as end-of-message delimiter.

## Logon from MDP to Client System

The **Market Data Logon (tag 35-MessageType=A)** message is sent from MDP to the client system to confirm logon. This message is SBE encoded.

Tag	Name	FIX Type	Enumeration	Req	Description
35	MessageType	Char	A	Y	Message Type
108	HeartBtInt	Int		Y	Heartbeat interval (seconds).

## Market Data Replay Request

The **Market Data - Replay Request (tag 35-MessageType=V)** message is sent by the client system to request a range of messages for recovery.

Required fields:

Tag	Name	FIX Type	Enumeration	Req	Description
35	MessageType	Char	V	Y	Message Type
1180	AppID	String		Y	The channel ID from the XML Configuration file for which this request is made.
262	MDReqID	String		Y	Unique identifier for Market Data Request.
1182	ApplBeginSeqNo	SeqNum		Y	Message sequence number of the first message in range to be re-sent. If the request is for a single message, tag 1182-ApplBeginSeqNo and tag 1183-ApplEndSeqNo are the same.
1183	ApplEndSeqNo	SeqNum		Y	Message sequence number of last message in range to be re-sent. The maximum number of messages that can be requested in a given request is 2000.
10	Checksum	String		Y	Always last tag in message. Functions as end-of-message delimiter.

## Logout

The **Market Data Logout (tag 35-MessageType=5)** message is sent from MDP to confirm logout. This message is SBE encoded.

Tag	Name	FIX Type	Enumeration	Req	Description
35	MessageType	Char	5	Y	Message Type
58	Text	String		Y	Free format text string. May include logout confirmation or reason for the request reject and logout.