

Deutsche Börse Group's T7

Enhanced Trading Interface

Derivatives Message Reference

Release 7.0

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Contents

1 List of Abbreviations

Please find a list of all the abbreviations used in the document. The first time an abbreviation is introduced in the document it is written in brackets after the phrase.

BOC	Book or Cancel Order
CAO	Closing Auction Only Order
CLIP – Eurex Imrove	Client Liquidity Improvement Process
ETI	Enhanced Trading Interface
HF	High-frequency (session)
IOC	Immediate or Cancel Order
LF	Low-frequency (session)
OCO	One Cancels the Other Order
PS (GW)	Partition specific (gateway)
SRQS – Eurex EnLight	Selective Request for Quote Service
TES	T7 Entry Service
UDF	User-defined field that is not part of the official FIX Specification

2 Introduction

The Deutsche Börse Group's T7 is the industry-leading, multi-asset trading platform of the Deutsche Börse Group, its affiliates and partners.

The system has best-in-class performance and is scalable to support markets of any size. It can be customized to support different types of markets.

The Enhanced Trading Interface (ETI) is the high performance interface designed for participants who require the highest throughput and the lowest latency for their transactions. It supports both, cash and derivatives markets.

The ETI Manual provides the description of the main concepts for all supported market types (cash and derivatives).

The purpose of this document is to provide all message formats for the cash market part of ETI.

The chapter 3 [Message Formats](#) provides the detailed message formats and fields. An introduction to the [XML Interface Description](#) and important message flows are provided in the appendix.

In addition to this document a corresponding XML representation and the schema files as well as C-Header files are published.

3 Message Formats

This chapter provides details on the administrative and application messages used by ETI. Information on data types and the most important error codes are provided. Messages sent by participants not listed in this section are rejected by the server via a Reject (3) message.

Each ETI message format has a unique binary message type identifier (*TemplateID (28500)*) and is based on a standard FIX message.

The Interface version used by the participant needs to be provided during [Session Logon](#) in *DefaultCstmAppVerID (1408)*; the [Session Logon Response](#) will return the Interface Version, which the ETI Gateway currently uses, in the same field.

The Interface Version will allow the participant to recognize that ETI has changed. The Build Number shows to which ETI XML file, ETI XSD file, canned data, exchange software the ETI Manual belongs to.

3.1 Message Fragmentation

In case the complete data of a transaction does not fit into a single message, ETI automatically sends a sequence of messages to the participant.

The field *LastFragment (893)* in the corresponding header structure indicates whether the current message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction or if the application should wait for further messages in order to retrieve the full data set.

Another mechanism for message fragmentation that is used for inquiring reference data (session, user, enrichment rules) bases on the *LastEntityProcess (25035)* field that is part of the requests and the responses. In the first inquiry (request) *LastEntityProcess (25035)* must not be set. The application should continue sending the inquiries using the *LastEntityProcess (25035)* from the recent response. A response with *LastEntityProcess (25035)* not set indicates that no more data is available.

3.2 Data Types

ETI supports the following data types:

ETI Data Type	Description	No Value
signed int	Little endian byte order. Supported are 1, 2, 4 and 8-byte, signed integers two's complement representation.	1 byte signed int: 0x80 2 byte signed int: 0x8000 4 byte signed int: 0x80000000 8 byte signed int: 0x8000000000000000
unsigned int	Little endian byte order. Supported are 1, 2, 4 and 8-byte, unsigned integers.	1 byte unsigned int: 0xFF 2 byte unsigned int: 0xFFFF 4 byte unsigned int: 0xFFFFFFFF 8 byte unsigned int: 0xFFFFFFFFFFFFFFFF
Float	Encoded as 8-byte signed integer (8 implicit decimals).	0x8000000000000000
FloatDecimal4	Encoded as 8-byte signed integer (4 implicit decimals).	0x8000000000000000
FloatDecimal6	Encoded as 8-byte signed integer (6 implicit decimals).	0x8000000000000000
Floatdecimal7	Encoded as 8-byte signed integer (7 implicit decimals).	0x8000000000000000
Fixed String	Length information specifies the fixed size. Encoded as character array. Completely filled with valid characters (space padding if required).	0x00 at the first position
Fixed String (0- terminable)	Length information specifies the fixed size. Encoded as character array optionally 0-terminable (minimum string size of 1). XML file: attribute "isTerminable" is set to true. Padding after 0-terminator required up to fixed size.	0x00 at the first position

ETI Data Type	Description	No Value
Variable String	Length information specifies the maximum possible size. Separate counter field specifies the transmitted string size. XML file: attribute "variableSize" set to true. The message is filled up to a multiple of 8 bytes and truncated.	0x00 at the first position (if the field is not the last one of a certain message) OR the related counter field specifying the transmitted string size is set to 0.
Counter	This data type represents an unsigned integer as a counter for arrays of variable size.	see 1 byte unsigned int and 2 byte unsigned int respectively
LocalMktDate	Date of Local Market (as opposed to UTC) in YYYYMMDD 4 byte unsigned binary format. Example: date 10.09.2014 is represented by a 4 byte unsigned integer number 20140910.	see 4 byte unsigned int
PriceType	Price in integer format including 8 decimals. For certain asset classes, prices may have negative values.	see 8 byte signed int
Qty	Quantity in integer format including 4 decimals.	see 8 byte signed int
SeqNum	Message sequence number in 8 byte unsigned binary format.	see 8 byte unsigned int
UTCTimestamp	Date and time, in UTC, represented as nanoseconds past the UNIX epoch (00:00:00 UTC on 1 January 1970).	see 8 byte unsigned int
char	String of length 1.	0x00
Data	Byte array where each byte has a value from 0 to 255. The length information specifies the fixed size. Encoded as byte array. Byte array is always filled completely.	Each byte filled with 0x00.

3.3 Error Codes

All rejections and errors on an application and session level are communicated via the FIX standard *Reject (3)* message; except for [Mass Quote Response](#).

The error code will be provided in field *SessionRejectReason (373)*, the error text in field *VarText (30355)*.

ETI offers detailed error description in the error text, only for selected errors unique error codes are available.

ETI will provide the following dedicated error codes, which the participant application may interpret for automated processing:

SessionRejectReason (373)	Description
100	Reject due to exceeded throttle limit.
101	Stale request was not forwarded to T7.
102	Service temporarily not available.
103	Service not available.
211	User already logged in.
214	Session Gateway Assignment expired.
215	Gateway not reserved to Session.
216	Gateway is standby.
217	Session login limit reached.
218	Partition not reachable by HF Gateway.
219	Partition not reachable by PS Gateway.
222	No Gateway available.
223	User entitlement data timeout.
10000	Order not found.
10001	Price reasonability check failed.
10002	Client order ID not unique.
10003	Quote activation in progress.
10004	Pre-trade risk limit for open orders on Business Unit level exceeded.
10005	Pre-trade risk limit for open orders on session level exceeded.
10006	Stop buy price not reasonable.
10007	Stop sell price not reasonable.
10008	GFD order is not executable on current business day.
10009	Execution restriction and instrument state mismatch.
10010	Throttle limit for creation of complex instrument exceeded.
10011	Order maintenance not allowed in current state.

4 Overview of Supported Message Types

The following message formats are based on:

- Interface Version: 7.0
- Build Number: 70.730.2.ga-70008010-56

Additionally, ETI clients implementing interface version '6.1' will be supported. Please refer to chapter Change Log for details regarding interface changes between the ETI version '6.1' and '7.0'.

4.1 Session Layer

ETI Message	TemplateID (28500)	Sender	FIX Message	Msg Type (35)
Connection Gateway Request	10020	Participant	Logon	A
Session Logon	10000	Participant	Logon	A
Session Logon Response	10001	ETI Gateway	Logon	A
Session Logout	10002	Participant	Logout	5
Session Logout Response	10003	ETI Gateway	Logout	5
Session Logout Notification	10012	ETI Gateway	Logout	5
Heartbeat	10011	Participant	Heartbeat	0
Heartbeat Notification	10023	ETI Gateway	Heartbeat	0
Legal Notification	10037	ETI Gateway	UserNotification	CB
User Logon	10018	Participant	UserRequest	BE
User Logon Response	10019	ETI Gateway	UserResponse	BF
User Logout	10029	Participant	UserRequest	BE
User Logout Response	10024	ETI Gateway	UserResponse	BF
User Logout Notification	10043	ETI Gateway	Logout	5
Throttle Update Notification	10028	ETI Gateway	UserNotification	CB
Subscribe	10025	Participant	ApplicationMessageRequest	BW
Subscribe Response	10005	ETI Gateway	ApplicationMessageRequest-Ack	BX
Unsubscribe	10006	Participant	ApplicationMessageRequest	BW
Unsubscribe Response	10007	ETI Gateway	ApplicationMessageRequest-Ack	BX
Retransmit	10008	Participant	ApplicationMessageRequest	BW
Retransmit Response	10009	ETI Gateway	ApplicationMessageRequest-Ack	BX
Retransmit (Order/Quote Event)	10026	Participant	ApplicationMessageRequest	BW
Retransmit Response (Order/Quote Event)	10027	ETI Gateway	ApplicationMessageRequest-Ack	BX
Reject	10010	ETI Gateway	Reject	3
Session List Inquire	10035	Participant	SessionDetailsListRequest	U5
Session List Inquire Response	10036	ETI Gateway	SessionDetailsListResponse	U6
Trade Enrichment List Inquire	10040	Participant	TradeEnrichmentListRequest	U7
Trade Enrichment List Inquire Response	10041	ETI Gateway	TradeEnrichmentListReport	U9
User List Inquire	10038	Participant	PartyDetailListRequest	CF
User List Inquire Response	10039	ETI Gateway	PartyDetailListReport	CG

4.2 Strategy Creation

ETI Message	TemplateID (28500)	Sender	FIX Message	MsgType (35)
Create Strategy	10301	Participant	SecurityDefinitionRequest	c
Create Strategy Response	10302	ETI Gateway	SecurityDefinition	d

4.3 Order Handling

ETI Message	TemplateID (28500)	Sender	FIX Message	MsgType (35)
New Order Single	10100	Participant	NewOrderSingle	D
Replace Order Multi Leg (short layout)	10130	Participant	OrderCancelReplaceRequest	G
New Order Multi Leg (short layout)	10129	Participant	NewOrderSingle	D
New Order Single (short layout)	10125	Participant	NewOrderSingle	D
New Order Multi Leg	10113	Participant	NewOrderMultileg	AB
New Order Response (Standard Order)	10101	ETI Gateway	ExecutionReport	8
New Order Response (Lean Order)	10102	ETI Gateway	ExecutionReport	8
Immediate Execution Response	10103	ETI Gateway	ExecutionReport	8
Book Order Execution	10104	ETI Gateway	ExecutionReport	8
Replace Order Single	10106	Participant	OrderCancelReplaceRequest	G
Replace Order Single (short layout)	10126	Participant	OrderCancelReplaceRequest	G
Replace Order Multi Leg	10114	Participant	MultilegOrderCancelReplace	AC
Replace Order Response (Standard Order)	10107	ETI Gateway	ExecutionReport	8
Replace Order Response (Lean Order)	10108	ETI Gateway	ExecutionReport	8
Cancel Order Single	10109	Participant	OrderCancelRequest	F
Cancel Order Multi Leg	10123	Participant	OrderCancelRequest	F
Cancel Order Response (Standard Order)	10110	ETI Gateway	ExecutionReport	8
Cancel Order Response (Lean Order)	10111	ETI Gateway	ExecutionReport	8
Cancel Order Notification	10112	ETI Gateway	ExecutionReport	8
Order Mass Cancellation Request	10120	Participant	OrderMassActionRequest	CA
Order Mass Cancellation Response	10121	ETI Gateway	OrderMassActionReport	BZ
Order Mass Cancellation Response No Hits	10124	ETI Gateway	OrderMassActionReport	BZ

ETI Message	TemplateID (28500)	Sender	FIX Message	MsgType (35)
Order Mass Cancellation Notification	10122	ETI Gateway	OrderMassActionReport	BZ
Extended Order Information	10117	ETI Gateway	ExecutionReport	8

4.4 Flexible Instrument Creation

ETI Message	TemplateID (28500)	Sender	FIX Message	MsgType (35)
Create Flexible Instrument Request	10309	Participant	SecurityDefinitionRequest	c
Create Flexible Instrument Response	10310	ETI Gateway	SecurityDefinition	d

4.5 Quote Handling

ETI Message	TemplateID (28500)	Sender	FIX Message	MsgType (35)
Mass Quote	10405	Participant	MassQuote	i
Mass Quote Response	10406	ETI Gateway	MassQuoteAcknowledgement	b
Quote Execution Notification	10407	ETI Gateway	QuoteExecutionReport	U8
Quote Mass Cancellation Request	10408	Participant	OrderMassActionRequest	CA
Quote Mass Cancellation Response	10409	ETI Gateway	OrderMassActionReport	BZ
Quote Mass Cancellation Notification	10410	ETI Gateway	OrderMassActionReport	BZ
Quote Activation Request	10403	Participant	OrderMassActionRequest	CA
Quote Activation Response	10404	ETI Gateway	OrderMassActionReport	BZ
Quote Activation Notification	10411	ETI Gateway	OrderMassActionReport	BZ
Inquire Market Maker Parameters	10305	Participant	MMPParameterRequest	U17
Inquire Market Maker Parameters Response	10306	ETI Gateway	MMPParameterResponse	U18
Market Maker Parameter Definition	10303	Participant	MMPParameterDefinition-Request	U14
Market Maker Parameter Definition Response	10304	ETI Gateway	RequestAcknowledge	U1

4.6 Quote and Cross Request

ETI Message	TemplateID (28500)	Sender	FIX Message	MsgType (35)
Quote Request	10401	Participant	QuoteRequest	R
Quote Request Response	10402	ETI Gateway	RequestAcknowledge	U1
Cross Request Response	10119	ETI Gateway	RequestAcknowledge	U1
Cross Request	10118	Participant	CrossRequest	DS

4.7 TES Trading

ETI Message	TemplateID (28500)	Sender	FIX Message	MsgType (35)
Enter TES Trade Request	10600	Participant	TradeCaptureReport	AE
TES Response	10611	ETI Gateway	TradeCaptureReportAck	AR
TES Status Broadcast	10615	ETI Gateway	TradingSessionStatus	h
TES Broadcast	10604	ETI Gateway	TradeCaptureReport	AE
Modify TES Trade Request	10601	Participant	TradeCaptureReport	AE
Delete TES Trade Request	10602	Participant	TradeCaptureReport	AE
Delete TES Trade Broadcast	10606	ETI Gateway	TradeCaptureReport	AE
Approve TES Trade Request	10603	Participant	TradeCaptureReport	AE
Approve TES Trade Broadcast	10607	ETI Gateway	TradeCaptureReport	AE
TES Execution Broadcast	10610	ETI Gateway	TradeCaptureReport	AE
TES Trade Broadcast	10614	ETI Gateway	TradeCaptureReport	AE
Upload TES Trade Request	10612	Participant	TradeCaptureReport	AE
TES Trade Upload Broadcast	10613	ETI Gateway	TradeCaptureReport	AE

4.8 CLIP Trading

ETI Message	TemplateID (28500)	Sender	FIX Message	MsgType (35)
CLIP Enter Request	10131	Participant	CrossRequest	DS
Response to a CLIP Request	10133	ETI Gateway	CrossRequestAck	DT
CLIP Execution Notification	10135	ETI Gateway	ExecutionReport	8
CLIP Delete Request	10132	Participant	CrossRequest	DS
CLIP Deletion Notification	10134	ETI Gateway	ExecutionReport	8

4.9 Other

ETI Message	TemplateID (28500)	Sender	FIX Message	MsgType (35)
Party Action Report	10042	ETI Gateway	PartyActionReport	DI
Inquire Pre-Trade Risk Limits Request	10311	Participant	PartyRiskLimitsRequest	CL
Pre-Trade Risk Limit Response	10313	ETI Gateway	PartyRiskLimitsReport	CM

ETI Message	TemplateID (28500)	Sender	FIX Message	MsgType (35)
Pre-Trade Risk Limits Definition Request	10312	Participant	PartyRiskLimitsRequest	CL
Trade Notification	10500	ETI Gateway	TradeCaptureReport	AE
Trade Notification Status	10501	ETI Gateway	TradingSessionStatus	h
Service Availability	10030	ETI Gateway	UserNotification	CB
Service Availability Market	10044	ETI Gateway	UserNotification	CB
News	10031	ETI Gateway	News	B
Entitlement Notification	10034	ETI Gateway	PartyEntitlementsUpdate- Report	CZ
Risk Notification	10033	ETI Gateway	PartyRiskLimitsUpdateReport	CR
Trading Session Event	10307	ETI Gateway	TradingSessionStatus	h
Mass Cancellation Event	10308	ETI Gateway	OrderMassActionReport	BZ
Gap Fill	10032	ETI Gateway	ApplicationMessageReport	BY

4.10 Selective Request for Quote Service

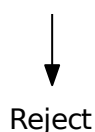
ETI Message	TemplateID (28500)	Sender	FIX Message	MsgType (35)
SRQS Open Negotiation Request	10700	Participant	QuoteRequest	R
SRQS Quote Response	10703	ETI Gateway	QuoteAck	CW
SRQS Open Negotiation Notification for Requester	10710	ETI Gateway	QuoteStatusReport	AI
SRQS Open Negotiation Notification for Respondent	10711	ETI Gateway	QuoteStatusReport	AI
SRQS Update Negotiation Request	10701	Participant	QuoteRequest	R
SRQS Negotiation Notification for Requester	10712	ETI Gateway	QuoteStatusReport	AI
SRQS Enter Quote Request	10702	Participant	QuoteRequest	R
SRQS Quote Notification	10707	ETI Gateway	Quote	S
SRQS Hit Quote Request	10704	Participant	QuoteResponse	AJ
SRQS Deal Response	10705	ETI Gateway	QuoteAck	CW
SRQS Create Deal Notification	10708	ETI Gateway	TradeCaptureReport	AE
SRQS Update Deal Request	10706	Participant	TradeCaptureReport	AE
SRQS Deal Notification	10709	ETI Gateway	TradeCaptureReport	AE
SRQS Negotiation Status Notification	10715	ETI Gateway	QuoteStatusReport	AI
SRQS Negotiation Notification for Respondent	10713	ETI Gateway	QuoteStatusReport	AI
SRQS Status Notification	10714	ETI Gateway	QuoteStatusReport	AI

5 Session Layer

5.1 Connection Gateway Request

This message is not supported any longer and will be rejected by T7.

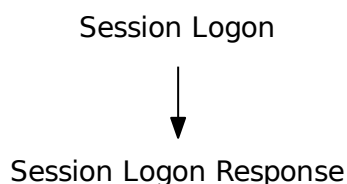
Connection Gateway Request



Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderIn></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplatelD	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10020 (Logon, MsgType = A)
25028	NetworkMsgID	U	8	6	Fixed String	not used
39020	Pad2	U	2	14	Fixed String	not used
<i><RequestHeader></i>						
34	MsgSeqNum	Y	4	16	unsigned int	Must be set to 1.
50	SenderSubID	U	4	20	unsigned int	not used
<i><Message Body></i>						
20055	PartyIDSessionID	Y	4	24	unsigned int	Session ID.
5948	PartitionID	N	2	28	unsigned int	To be set for HF sessions when asking for a partition specific gateway.
1408	DefaultCstmAppVer-ID	Y	30	30	Fixed String (0-terminable)	Indicates the T7 ETI interface version the ETI gateway software uses. Valid characters: \x20,\x22-\x7B,\x7D,\x7E
554	Password	Y	32	60	Fixed String (0-terminable)	Password. Valid characters: 0-9,A-Z,a-z,\x21,\x23,\x24,\x25,\x26,\x2A,\x2B,\x2D,\x2F,\x3D,\x40,\x5F
39040	Pad4	U	4	92	Fixed String	not used

5.2 Session Logon

This message must be the first message sent by the participant to the assigned gateway authenticating the T7 ETI session. Password change is not supported. For more details, please refer to the ETI Manual, chapters Session Authentication and Logon.



Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderIn></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplatelD	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10000 (Logon, MsgType = A)
25028	NetworkMsgID	U	8	6	Fixed String	not used
39020	Pad2	U	2	14	Fixed String	not used
<i><RequestHeader></i>						
34	MsgSeqNum	Y	4	16	unsigned int	Must be set to 1.
50	SenderSubID	U	4	20	unsigned int	not used
<i><Message Body></i>						
108	HeartBtInt	N	4	24	unsigned int	Heartbeat interval in milliseconds. See also the ETI Manual, chapter Heartbeat.
20055	PartyIDSessionID	Y	4	28	unsigned int	Session ID.
1408	DefaultCstmAppVer-ID	Y	30	32	Fixed String (0-terminable)	Indicates the ETI interface version the participant application uses. The interface version can be found in XML and C-Header files. Valid characters: \x20,\x22-\x7B,\x7D,\x7E
554	Password	Y	32	62	Fixed String (0-terminable)	Password. Valid characters: 0-9,A-Z,a-z,\x21,\x23,\x24,\x25,\x26,\x2A,\x2B,\x2D,\x2F,\x3D,\x40,\x5F

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description										
25012	ApplUsageOrders	Y	1	94	char	Participant application: type of order processing. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Automated</td> </tr> <tr> <td>M</td> <td>Manual</td> </tr> <tr> <td>B</td> <td>Both (Automated and Manual)</td> </tr> <tr> <td>N</td> <td>None</td> </tr> </tbody> </table>	Value	Description	A	Automated	M	Manual	B	Both (Automated and Manual)	N	None
Value	Description															
A	Automated															
M	Manual															
B	Both (Automated and Manual)															
N	None															
25013	ApplUsageQuotes	Y	1	95	char	Participant application: type of quote processing. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Automated</td> </tr> <tr> <td>M</td> <td>Manual</td> </tr> <tr> <td>B</td> <td>Both (Automated and Manual)</td> </tr> <tr> <td>N</td> <td>None</td> </tr> </tbody> </table>	Value	Description	A	Automated	M	Manual	B	Both (Automated and Manual)	N	None
Value	Description															
A	Automated															
M	Manual															
B	Both (Automated and Manual)															
N	None															
25014	OrderRoutingIndicator	Y	1	96	char	Indicates if the participant application is an order routing system. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>Y</td> <td>Yes</td> </tr> <tr> <td>N</td> <td>No</td> </tr> </tbody> </table>	Value	Description	Y	Yes	N	No				
Value	Description															
Y	Yes															
N	No															
1600	FIXEngineName	N	30	97	Fixed String (0-terminable)	Provides the name of the infrastructure component being used for session level communication. Normally this would be the FIX Engine or FIX Gateway product name. Valid characters: \x20,\x22-\x7B,\x7D,\x7E										
1601	FIXEngineVersion	N	30	127	Fixed String (0-terminable)	Provides the version of the FIX infrastructure component. Valid characters: \x20,\x22-\x7B,\x7D,\x7E										
1602	FIXEngineVendor	N	30	157	Fixed String (0-terminable)	Provides the name of the vendor providing the FIX infrastructure component. Valid characters: \x20,\x22-\x7B,\x7D,\x7E										

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
1603	ApplicationSystem-Name	Y	30	187	Fixed String (0-terminable)	Provides the name of the application system being used to generate T7 ETI application messages. This will normally be a trading system, OMS, or EMS. Valid characters: \x20,\x22-\x7B,\x7D,\x7E
1604	ApplicationSystem-Version	Y	30	217	Fixed String (0-terminable)	Provides the version of the application system being used to initiate T7 ETI application messages. Valid characters: \x20,\x22-\x7B,\x7D,\x7E
1605	ApplicationSystem-Vendor	Y	30	247	Fixed String (0-terminable)	Provides the vendor of the application system. Valid characters: \x20,\x22-\x7B,\x7D,\x7E
39030	Pad3	U	3	277	Fixed String	not used

5.3 Session Logon Response

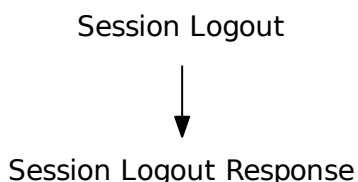
This message confirms the Session Logon request. For more details, please refer to the ETI Manual, chapters Session Authentication and Logon.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderOut></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10001 (Logon, MsgType = A)
39020	Pad2	U	2	6	Fixed String	not used
<i><ResponseHeader></i>						
5979	RequestTime	Y	8	8	UTCTimestamp	Gateway request in timestamp.
52	SendingTime	Y	8	16	UTCTimestamp	Gateway response out timestamp.
34	MsgSeqNum	Y	4	24	unsigned int	Message sequence number used by the participant for requests sent to the gateway.
39040	Pad4	U	4	28	Fixed String	not used
<i><Message Body></i>						
1614	ThrottleTimeInterval	Y	8	32	signed int	Throttle time interval in number of milliseconds; applicable for transaction limit.
1613	ThrottleNoMsgs	Y	4	40	unsigned int	Transaction limit per ThrottleTimeInterval (1614). If set to 0, throttling will be switched off.
25002	ThrottleDisconnectLimit	Y	4	44	unsigned int	Disconnect limit: maximum number of sequential message rejects due to throttle violation allowed by the T7 ETI.
108	HeartBtInt	Y	4	48	unsigned int	Heartbeat interval in milliseconds. See also the ETI Manual, chapter Heartbeat.
25004	SessionInstanceID	Y	4	52	unsigned int	Unique ID for the session instance assigned by the T7 system during session logon; to be communicated to helpdesk for troubleshooting.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description										
1301	MarketID	Y	2	56	unsigned int	Market ID. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>XEUR</td> </tr> <tr> <td>2</td> <td>XEEE</td> </tr> <tr> <td>12</td> <td>NODX</td> </tr> <tr> <td>*</td> <td>More values</td> </tr> </tbody> </table>	Value	Description	1	XEUR	2	XEEE	12	NODX	*	More values
Value	Description															
1	XEUR															
2	XEEE															
12	NODX															
*	More values															
339	TradSesMode	Y	1	58	unsigned int	Trading session mode. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Development</td> </tr> <tr> <td>2</td> <td>Simulation</td> </tr> <tr> <td>3</td> <td>Production</td> </tr> <tr> <td>4</td> <td>Acceptance</td> </tr> </tbody> </table>	Value	Description	1	Development	2	Simulation	3	Production	4	Acceptance
Value	Description															
1	Development															
2	Simulation															
3	Production															
4	Acceptance															
1408	DefaultCstmAppVer-ID	Y	30	59	Fixed String (0-terminable)	Indicates the T7 ETI interface version the ETI gateway software uses. Valid characters: \x20,\x22-\x7B,\x7D,\x7E										
28763	DefaultCstmAppVer-SubID	Y	5	89	Fixed String	ETI subversion. Identifies ETI changes within one ETI version. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>D0003</td> <td>Derivatives subversion</td> </tr> </tbody> </table>	Value	Description	D0003	Derivatives subversion						
Value	Description															
D0003	Derivatives subversion															
39020	Pad2	U	2	94	Fixed String	not used										

5.4 Session Logout

Session Logout request. For more details, please refer to the ETI Manual, chapter Logout.



Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderIn></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10002 (Logout, MsgType = 5)
25028	NetworkMsgID	U	8	6	Fixed String	not used
39020	Pad2	U	2	14	Fixed String	not used
<i><RequestHeader></i>						
34	MsgSeqNum	Y	4	16	unsigned int	Message sequence number used by the participant for requests sent to the gateway.
50	SenderSubID	U	4	20	unsigned int	not used

5.5 Session Logout Response

This message confirms the Session Logout request. For more details, please refer to the ETI Manual, chapter Logout.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderOut></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplatelD	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10003 (Logout, MsgType = 5)
39020	Pad2	U	2	6	Fixed String	not used
<i><ResponseHeader></i>						
5979	RequestTime	Y	8	8	UTCTimestamp	Gateway request in timestamp.
52	SendingTime	Y	8	16	UTCTimestamp	Gateway response out timestamp.
34	MsgSeqNum	Y	4	24	unsigned int	Message sequence number used by the participant for requests sent to the gateway.
39040	Pad4	U	4	28	Fixed String	not used

5.6 Session Logout Notification

The Session Logout Notification message is used to inform about an unsolicited session logout triggered by the operator of the T7 system or by the T7 system itself. For more details, please refer to the ETI Manual, chapter Logout.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderOut></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplatID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10012 (Logout, MsgType = 5)
39020	Pad2	U	2	6	Fixed String	not used
<i><NotifHeader></i>						
52	SendingTime	Y	8	8	UTCTimestamp	Gateway response out timestamp.
<i><Message Body></i>						
30354	VarTextLen	Y	2	16	Counter	Number of used bytes for field VarText (30355).
39060	Pad6	U	6	18	Fixed String	not used
30355	VarText	Y	2000	24	Variable String	Error text. Valid characters: \x09,\x0A,\x0D,\x20-\x7B,\x7D,\x7E

5.7 Heartbeat

The Heartbeat message is used by the T7 ETI gateway to monitor the status of the communication link to the ETI client during periods of inactivity. For more details, please refer to the ETI Manual, chapter Heartbeat.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderIn></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplatID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10011 (Heartbeat, MsgType = 0)
25028	NetworkMsgID	U	8	6	Fixed String	not used
39020	Pad2	U	2	14	Fixed String	not used

5.8 Heartbeat Notification

The Heartbeat notification may be used by the ETI client to monitor the status of the communication link to the T7 ETI gateway during periods of inactivity. For more details, please refer to the ETI Manual, chapter Heartbeat.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderOut></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplatID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10023 (Heartbeat, MsgType = 0)
39020	Pad2	U	2	6	Fixed String	not used
<i><NotifHeader></i>						
52	SendingTime	Y	8	8	UTCTimestamp	Gateway response out timestamp.

5.9 Legal Notification

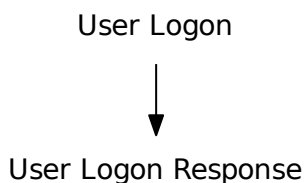
This message informs about the suspension from trading. For more details, please refer to the ETI Manual, chapter Risk Control.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
<i><MessageHeaderOut></i>												
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.						
28500	TemplatelD	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10037 (User-Notification, MsgType = CB)						
39020	Pad2	U	2	6	Fixed String	not used						
<i><RBCHheader></i>												
52	SendingTime	Y	8	8	UTCTimestamp	Gateway response out timestamp.						
1181	ApplSeqNum	Y	8	16	unsigned int	Application sequence number assigned to a non-order related T7 ETI data stream.						
28727	ApplSubID	U	4	24	unsigned int	not used						
5948	PartitionID	Y	2	28	unsigned int	Grouping of T7 products. Belongs to the scope of Service Availability and Retransmit requests.						
1352	ApplResendFlag	Y	1	30	unsigned int	Indicates a retransmission message. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>False</td> </tr> <tr> <td>1</td> <td>True</td> </tr> </tbody> </table>	Value	Description	0	False	1	True
Value	Description											
0	False											
1	True											
1180	ApplID	Y	1	31	unsigned int	Identifier for an ETI data stream. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>6</td> <td>Risk Control</td> </tr> </tbody> </table>	Value	Description	6	Risk Control		
Value	Description											
6	Risk Control											
893	LastFragment	Y	1	32	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	1	Last Message		
Value	Description											
1	Last Message											
39070	Pad7	U	7	33	Fixed String	not used						
<i><Message Body></i>												
60	TransactTime	Y	8	40	UTCTimestamp	Transaction timestamp.						
30354	VarTextLen	Y	2	48	Counter	Number of used bytes for field VarText (30355).						

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
926	UserStatus	Y	1	50	unsigned int	The status of the User <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>Admission to trading suspended</td> </tr> <tr> <td>11</td> <td>Suspension revoked</td> </tr> </tbody> </table>	Value	Description	10	Admission to trading suspended	11	Suspension revoked
Value	Description											
10	Admission to trading suspended											
11	Suspension revoked											
39050	Pad5	U	5	51	Fixed String	not used						
30355	VarText	Y	2000	56	Variable String	Error text. Valid characters: \x09,\x0A,\x0D, \x20-\x7B,\x7D,\x7E						

5.10 User Logon

Each user needs to logon to T7 via the User Logon message. For more details, please refer to the ETI Manual, chapter User Authentication.



Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderIn></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10018 (User-Request, MsgType = BE)
25028	NetworkMsgID	U	8	6	Fixed String	not used
39020	Pad2	U	2	14	Fixed String	not used
<i><RequestHeader></i>						
34	MsgSeqNum	Y	4	16	unsigned int	Message sequence number used by the participant for requests sent to the gateway.
50	SenderSubID	U	4	20	unsigned int	not used
<i><Message Body></i>						
553	Username	Y	4	24	unsigned int	User ID.
554	Password	Y	32	28	Fixed String (0-terminable)	Password. Valid characters: 0-9,A-Z,a-z,\x21,\x23,\x24,\x25,\x26,\x2A,\x2B,\x2D,\x2F,\x3D,\x40,\x5F
39040	Pad4	U	4	60	Fixed String	not used

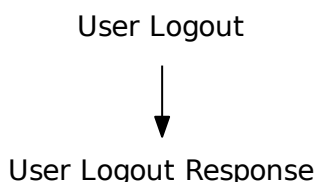
5.11 User Logon Response

The User Logon Response message is used to confirm a user logon. For more details, please refer to the ETI Manual, chapter User Authentication.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderOut></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplatelD	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10019 (User-Response, MsgType = BF)
39020	Pad2	U	2	6	Fixed String	not used
<i><ResponseHeader></i>						
5979	RequestTime	Y	8	8	UTCTimestamp	Gateway request in timestamp.
52	SendingTime	Y	8	16	UTCTimestamp	Gateway response out timestamp.
34	MsgSeqNum	Y	4	24	unsigned int	Message sequence number used by the participant for requests sent to the gateway.
39040	Pad4	U	4	28	Fixed String	not used

5.12 User Logout

Each user may logout from T7 via the User Logout message.



Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderIn></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplatID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10029 (User-Request, MsgType = BE)
25028	NetworkMsgID	U	8	6	Fixed String	not used
39020	Pad2	U	2	14	Fixed String	not used
<i><RequestHeader></i>						
34	MsgSeqNum	Y	4	16	unsigned int	Message sequence number used by the participant for requests sent to the gateway.
50	SenderSubID	U	4	20	unsigned int	not used
<i><Message Body></i>						
553	Username	Y	4	24	unsigned int	User ID.
39040	Pad4	U	4	28	Fixed String	not used

5.13 User Logout Response

The User Logout Response message is used to confirm a user logout.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderOut></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10024 (User-Response, MsgType = BF)
39020	Pad2	U	2	6	Fixed String	not used
<i><ResponseHeader></i>						
5979	RequestTime	Y	8	8	UTCTimestamp	Gateway request in timestamp.
52	SendingTime	Y	8	16	UTCTimestamp	Gateway response out timestamp.
34	MsgSeqNum	Y	4	24	unsigned int	Message sequence number used by the participant for requests sent to the gateway.
39040	Pad4	U	4	28	Fixed String	not used

5.14 User Logout Notification

The User Logout Notification message is used to confirm the forced logout of a user from the session that receives the message. The logout is performed by the exchange on behalf of the participant's request (for example via telephone).

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description				
<i><MessageHeaderOut></i>										
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.				
28500	TemplatID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10043 (Logout, MsgType = 5)				
39020	Pad2	U	2	6	Fixed String	not used				
<i><NotifHeader></i>										
52	SendingTime	Y	8	8	UTCTimestamp	Gateway response out timestamp.				
<i><Message Body></i>										
926	UserStatus	Y	1	16	unsigned int	The status of the User <table border="1" data-bbox="991 1032 1412 1155"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>7</td> <td>Forced user logout by exchange</td> </tr> </tbody> </table>	Value	Description	7	Forced user logout by exchange
Value	Description									
7	Forced user logout by exchange									
39030	Pad3	U	3	17	Fixed String	not used				
553	Username	Y	4	20	unsigned int	User ID.				
30354	VarTextLen	Y	2	24	Counter	Number of used bytes for field VarText (30355).				
39060	Pad6	U	6	26	Fixed String	not used				
30355	VarText	Y	2000	32	Variable String	Error text. Valid characters: \x09,\x0A,\x0D,\x20-\x7B,\x7D,\x7E				

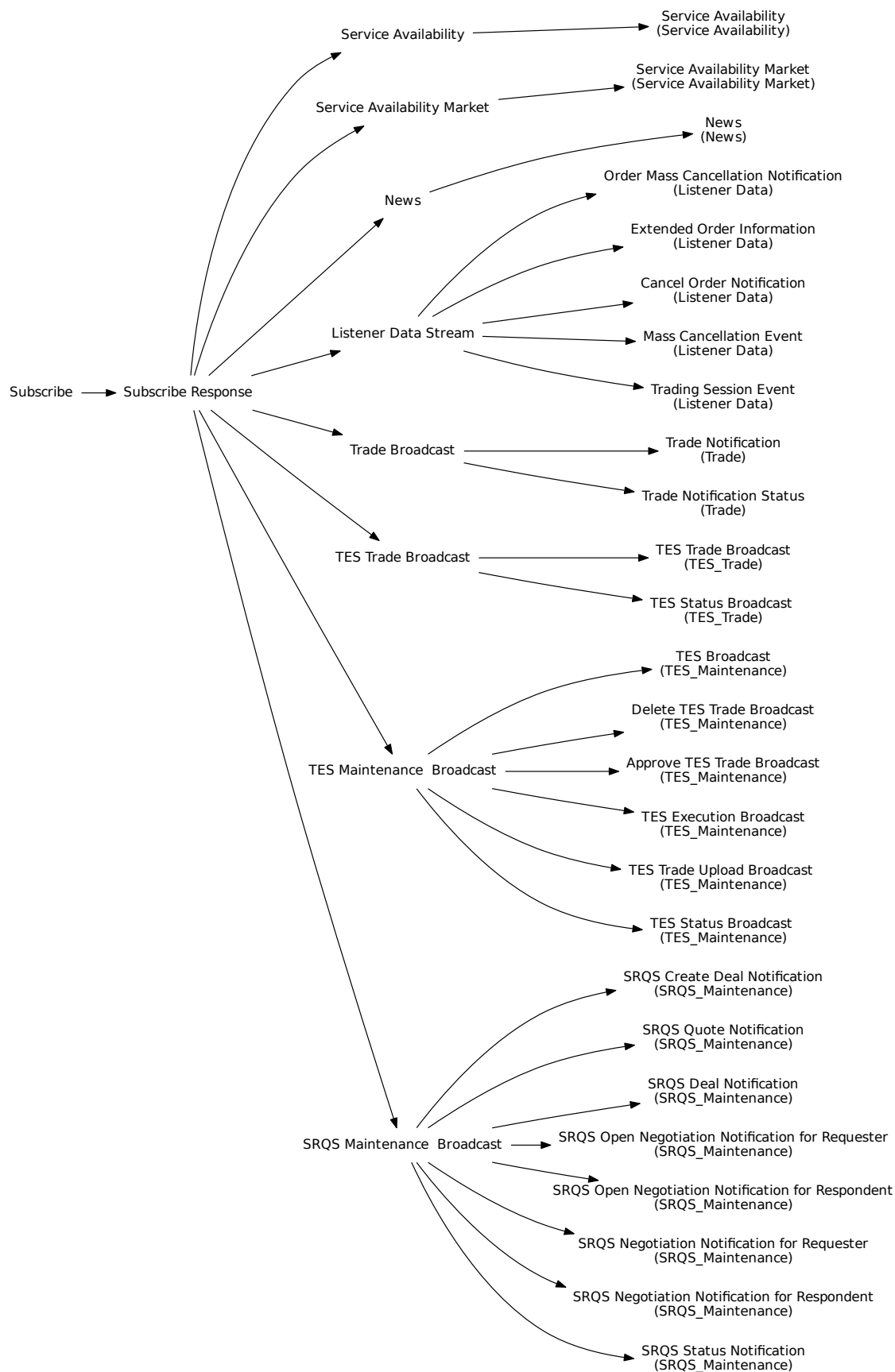
5.15 Throttle Update Notification

This message informs about throttle parameters that have been updated intraday.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderOut></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10028 (User-Notification, MsgType = CB)
39020	Pad2	U	2	6	Fixed String	not used
<i><NotifHeader></i>						
52	SendingTime	Y	8	8	UTCTimestamp	Gateway response out timestamp.
<i><Message Body></i>						
1614	ThrottleTimeInterval	Y	8	16	signed int	Throttle time interval in number of milliseconds; applicable for transaction limit.
1613	ThrottleNoMsgs	Y	4	24	unsigned int	Transaction limit per ThrottleTimeInterval (1614). If set to 0, throttling will be switched off.
25002	ThrottleDisconnect-Limit	Y	4	28	unsigned int	Disconnect limit: maximum number of sequential message rejects due to throttle violation allowed by the T7 ETI.

5.16 Subscribe

This message is used to subscribe to a T7 ETI broadcast. Multiple subscriptions to the same pair of RefApplId (1355) and SubscriptionScope (25001) are not allowed. For more details, please refer to the ETI Manual, chapter Broadcast.



Tag	Field Name	Req'd	Len	Ofs	Data Type	Description																		
<i><MessageHeaderIn></i>																								
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.																		
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10025 (ApplicationMessageRequest, Msg-Type = BW)																		
25028	NetworkMsgID	U	8	6	Fixed String	not used																		
39020	Pad2	U	2	14	Fixed String	not used																		
<i><RequestHeader></i>																								
34	MsgSeqNum	Y	4	16	unsigned int	Message sequence number used by the participant for requests sent to the gateway.																		
50	SenderSubID	U	4	20	unsigned int	not used																		
<i><Message Body></i>																								
25001	SubscriptionScope	N	4	24	unsigned int	For filter criteria for broadcast subscription see the ETI Manual, chapter Broadcast.																		
1355	RefAppID	Y	1	28	unsigned int	Application identifier of a T7 ETI data stream. <table border="1" data-bbox="991 1189 1412 1570"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Trade</td> </tr> <tr> <td>2</td> <td>News</td> </tr> <tr> <td>3</td> <td>Service Availability</td> </tr> <tr> <td>5</td> <td>Listener Data</td> </tr> <tr> <td>7</td> <td>TES Maintenance</td> </tr> <tr> <td>8</td> <td>TES Trade</td> </tr> <tr> <td>9</td> <td>SRQS Maintenance</td> </tr> <tr> <td>10</td> <td>Service Availability Market</td> </tr> </tbody> </table>	Value	Description	1	Trade	2	News	3	Service Availability	5	Listener Data	7	TES Maintenance	8	TES Trade	9	SRQS Maintenance	10	Service Availability Market
Value	Description																							
1	Trade																							
2	News																							
3	Service Availability																							
5	Listener Data																							
7	TES Maintenance																							
8	TES Trade																							
9	SRQS Maintenance																							
10	Service Availability Market																							
39030	Pad3	U	3	29	Fixed String	not used																		

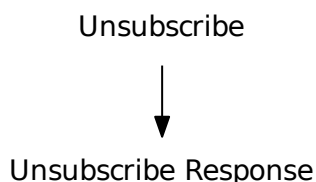
5.17 Subscribe Response

The Subscribe Broadcast Response message is used to confirm the broadcast subscription. For more details, please refer to the ETI Manual, chapter Broadcast.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderOut></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10005 (ApplicationMessageRequestAck, MsgType = BX)
39020	Pad2	U	2	6	Fixed String	not used
<i><ResponseHeader></i>						
5979	RequestTime	Y	8	8	UTCTimestamp	Gateway request in timestamp.
52	SendingTime	Y	8	16	UTCTimestamp	Gateway response out timestamp.
34	MsgSeqNum	Y	4	24	unsigned int	Message sequence number used by the participant for requests sent to the gateway.
39040	Pad4	U	4	28	Fixed String	not used
<i><Message Body></i>						
28727	ApplSubID	Y	4	32	unsigned int	Unique ID assigned by the T7 system during broadcast subscription in order to link broadcasts to the related subscription.
39040	Pad4	U	4	36	Fixed String	not used

5.18 Unsubscribe

This message is used to revoke a broadcast subscription.



Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderIn></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10006 (ApplicationMessageRequest, Msg-Type = BW)
25028	NetworkMsgID	U	8	6	Fixed String	not used
39020	Pad2	U	2	14	Fixed String	not used
<i><RequestHeader></i>						
34	MsgSeqNum	Y	4	16	unsigned int	Message sequence number used by the participant for requests sent to the gateway.
50	SenderSubID	U	4	20	unsigned int	not used
<i><Message Body></i>						
28728	RefApplSubID	Y	4	24	unsigned int	Unique ID for the subscription instance assigned by the T7 system during broadcast subscription.
39040	Pad4	U	4	28	Fixed String	not used

5.19 Unsubscribe Response

The Unsubscribe Broadcast Response message is used to confirm the revocation of a broadcast subscription.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderOut></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10007 (ApplicationMessageRequestAck, MsgType = BX)
39020	Pad2	U	2	6	Fixed String	not used
<i><ResponseHeader></i>						
5979	RequestTime	Y	8	8	UTCTimestamp	Gateway request in timestamp.
52	SendingTime	Y	8	16	UTCTimestamp	Gateway response out timestamp.
34	MsgSeqNum	Y	4	24	unsigned int	Message sequence number used by the participant for requests sent to the gateway.
39040	Pad4	U	4	28	Fixed String	not used

5.20 Retransmit

This message is used for re-transmission of trade, risk control and news data for recovery purposes. The specified application sequence number range will lead to the retransmission of data whose application sequence number is \geq ApplBegSeqNum (1182) and \leq ApplEndSeqNum (1183). Depending on RefApplID (1355), the request is sent to the respective service:

- RefApplID = 1 (Trade) => request is sent to the Trades service
- RefApplID = 2 (News) => request is sent to the News service
- RefApplID = 6 (Risk Control) => request is sent to the Risk Control service
- RefApplID = 7 (TES Maintenance) => request is sent to the TES Retransmission Service
- RefApplID = 8 (TES Trades) => request is sent to the TES Retransmission service
- derivatives markets only: RefApplID = 9 (SRQS Maintenance) => request is sent to the SRQS service

For more details, please refer to the ETI Manual, chapter Retransmission.



Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<MessageHeaderIn>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description														
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10008 (ApplicationMessageRequest, Msg-Type = BW)														
25028	NetworkMsgID	U	8	6	Fixed String	not used														
39020	Pad2	U	2	14	Fixed String	not used														
<i><RequestHeader></i>																				
34	MsgSeqNum	Y	4	16	unsigned int	Message sequence number used by the participant for requests sent to the gateway.														
50	SenderSubID	U	4	20	unsigned int	not used														
<i><Message Body></i>																				
1182	ApplBegSeqNum	N	8	24	SeqNum	"no value" means first known sequence number: 1														
1183	ApplEndSeqNum	N	8	32	SeqNum	Ending range of application sequence numbers.														
5948	PartitionID	Y	2	40	unsigned int	The application sequence numbers are only unique per RefAppIID, SubscriptionScope and Partion-ID. Therefore, the PartitionID is required to define the scope of a Retransmission Request. For News and Risk Control broadcast to be set to 0.														
1355	RefAppIID	Y	1	42	unsigned int	Application identifier of a T7 ETI data stream. <table border="1" data-bbox="991 1424 1409 1722"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Trade</td> </tr> <tr> <td>2</td> <td>News</td> </tr> <tr> <td>6</td> <td>Risk Control</td> </tr> <tr> <td>7</td> <td>TES Maintenance</td> </tr> <tr> <td>8</td> <td>TES Trade</td> </tr> <tr> <td>9</td> <td>SRQS Maintenance</td> </tr> </tbody> </table>	Value	Description	1	Trade	2	News	6	Risk Control	7	TES Maintenance	8	TES Trade	9	SRQS Maintenance
Value	Description																			
1	Trade																			
2	News																			
6	Risk Control																			
7	TES Maintenance																			
8	TES Trade																			
9	SRQS Maintenance																			
39050	Pad5	U	5	43	Fixed String	not used														

5.21 Retransmit Response

The Retransmission Response message confirms the Retransmit request and delivers only a fixed number of the requested data packages. So the requesting client would have to send a new retransmission request (with updated sequence numbers) if the captured response does not contain all requested data. (See below: ApplEndSeqNum (1183)).

The field ApplTotalMessageCount (1349) indicates how many retransmitted broadcast messages will follow. For fragmented messages, each fragment counts as one message. They will not be interrupted by other messages.

All these messages will consist of:

- <MessageHeaderOut>.
- <RBCHeader>, where ApplSubID (28727) is always set to 'no value' and ApplResendFlag (1352) is always set to True (indicating a retransmission message).
- <MessageBody>, which is specific for the TemplateID (28500) in <MessageHeaderOut>.

For more details, please refer to chapter Retransmission.

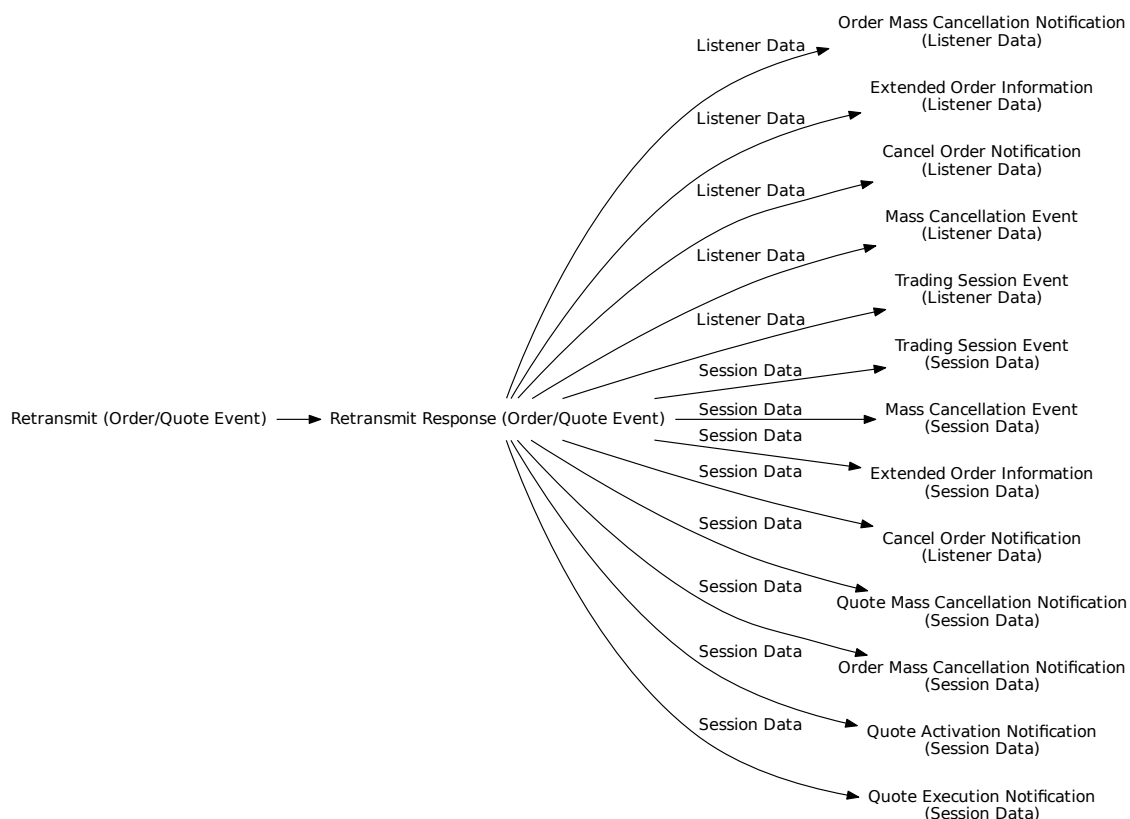
Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderOut></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10009 (ApplicationMessageRequestAck, MsgType = BX)
39020	Pad2	U	2	6	Fixed String	not used
<i><ResponseHeader></i>						
5979	RequestTime	Y	8	8	UTCTimestamp	Gateway request in timestamp.
52	SendingTime	Y	8	16	UTCTimestamp	Gateway response out timestamp.
34	MsgSeqNum	Y	4	24	unsigned int	Message sequence number used by the participant for requests sent to the gateway.
39040	Pad4	U	4	28	Fixed String	not used
<i><Message Body></i>						
1183	ApplEndSeqNum	N	8	32	SeqNum	Ending range of application sequence numbers. If it is not set to the related request's ApplEndSeqNum, the client will have to send another retransmission request (with an updated ApplBegSeqNum). "no value" means the requested data is not available.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
1357	RefAppLastSeqNum	N	8	40	SeqNum	Last application sequence number known by the T7 system for a certain scope of RefAppID, SubscriptionScope and Partition-ID. "no value" means that there is no data persisted yet for the requested stream/subscription scope.
1349	ApplTotalMessage-Count	Y	2	48	unsigned int	Total number of messages (fragments) included in transmission.
39060	Pad6	U	6	50	Fixed String	not used

5.22 Retransmit (Order/Quote Event)

This message is used for re-transmission of recoverable order/quote event data for recovery purposes. The specified application message identifier range will lead to the retransmission of data whose application message identifier is $> \text{ApplBegMsgID}$ (28718) and $\leq \text{ApplEndMsgID}$ (28719).

For more details, please refer to the ETI Manual, chapter Retransmission. This message is sent to the service "Retransmission of Order and Quote Events".



Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<MessageHeaderIn>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10026 (ApplicationMessageRequest, Msg-Type = BW)
25028	NetworkMsgID	U	8	6	Fixed String	not used
39020	Pad2	U	2	14	Fixed String	not used
<RequestHeader>						

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
34	MsgSeqNum	Y	4	16	unsigned int	Message sequence number used by the participant for requests sent to the gateway.						
50	SenderSubID	U	4	20	unsigned int	not used						
<i><Message Body></i>												
25001	SubscriptionScope	N	4	24	unsigned int	Retransmission scope (for the supported RefAppIDs): - Session Data: "no value" - Listener Data: session ID						
5948	PartitionID	Y	2	28	unsigned int	Application message identifiers are only unique per RefAppID, SubscriptionScope and PartitionID. Therefore, the PartitionID is required to define the scope of a Retransmit request.						
1355	RefAppID	Y	1	30	unsigned int	Application identifier of a T7 ETI data stream. <table border="1" data-bbox="991 1061 1410 1189"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>Session Data</td> </tr> <tr> <td>5</td> <td>Listener Data</td> </tr> </tbody> </table>	Value	Description	4	Session Data	5	Listener Data
Value	Description											
4	Session Data											
5	Listener Data											
28718	ApplBegMsgID	N	16	31	data	Beginning range of application message identifiers; 'no value' indicates first known application message identifier.						
28719	ApplEndMsgID	N	16	47	data	Ending range of application message identifiers; "no value" means last known application message identifier.						
39000	Pad1	U	1	63	Fixed String	not used						

5.23 Retransmit Response (Order/Quote Event)

This message confirms the Retransmit (Order/Quote Event) request and delivers only a fixed number of the requested data packages. So the requesting client would have to send a new Retransmit (Order/Quote Event) request (with updated application message identifiers), if the captured response does not contain all requested data. (See below: ApplEndMsgID (28719)).

The field ApplTotalMessageCount (1349) indicates how many retransmitted broadcast messages will follow. For fragmented messages, each fragment counts as one message.

They will not be interrupted by other messages.

All these messages will consist of:

- <MessageHeaderOut>.
- <RBCHeaderME>, where ApplSubID (28727) is always set to "no value", TrdRegTSTimeOut (21003) is always set to "no value", and ApplResendFlag (1352) is always set to True (indicating a retransmission message).
- <MessageBody>, which is specific for the TemplateID (28500) in <MessageHeaderOut>.

The retransmission message template used for order and quote events differs from the session data response template in the following cases:

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderOut></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10027 (ApplicationMessageRequestAck, MsgType = BX)
39020	Pad2	U	2	6	Fixed String	not used
<i><ResponseHeader></i>						
5979	RequestTime	Y	8	8	UTCTimestamp	Gateway request in timestamp.
52	SendingTime	Y	8	16	UTCTimestamp	Gateway response out timestamp.
34	MsgSeqNum	Y	4	24	unsigned int	Message sequence number used by the participant for requests sent to the gateway.
39040	Pad4	U	4	28	Fixed String	not used
<i><Message Body></i>						
1349	ApplTotalMessage-Count	Y	2	32	unsigned int	Total number of messages (fragments) included in transmission.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
28719	ApplEndMsgID	N	16	34	data	Ending range of application message identifiers.If it is not set to the related request's ApplEndMsgID, the client will have to send another Retransmit request (with an updated ApplBeg-MsgID).
28722	RefApplLastMsgID	N	16	50	data	Last application message identifier known by the T7 system for a certain scope of RefApplID, Subscription-Scope and PartitionID.
39060	Pad6	U	6	66	Fixed String	not used

5.24 Reject

All rejections and errors on an application and session level are communicated via the FIX standard Reject (3) message; except for Mass Quote Response.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
<i><MessageHeaderOut></i>												
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.						
28500	TemplatID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10010 (Reject, MsgType = 3)						
39020	Pad2	U	2	6	Fixed String	not used						
<i><NRResponseHeaderME></i>												
5979	RequestTime	Y	8	8	UTCTimestamp	Gateway request in timestamp.						
21002	TrdRegTSTimeIn	N	8	16	UTCTimestamp	Matching engine in timestamp.						
21003	TrdRegTSTimeOut	N	8	24	UTCTimestamp	Matching engine out timestamp.						
7765	ResponseIn	N	8	32	UTCTimestamp	Timestamp the gateway receives a message from the Matching Engine						
52	SendingTime	Y	8	40	UTCTimestamp	Gateway response out timestamp.						
34	MsgSeqNum	Y	4	48	unsigned int	Message sequence number used by the participant for requests sent to the gateway.						
893	LastFragment	Y	1	52	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1" data-bbox="991 1400 1409 1485"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	1	Last Message		
Value	Description											
1	Last Message											
39030	Pad3	U	3	53	Fixed String	not used						
<i><Message Body></i>												
373	SessionRejectReason	Y	4	56	unsigned int	Error code. Valid values are listed after this table.						
30354	VarTextLen	Y	2	60	Counter	Number of used bytes for field VarText (30355).						
1409	SessionStatus	Y	1	62	unsigned int	Session status. <table border="1" data-bbox="991 1877 1409 2002"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Session active</td> </tr> <tr> <td>4</td> <td>Session logout complete</td> </tr> </tbody> </table>	Value	Description	0	Session active	4	Session logout complete
Value	Description											
0	Session active											
4	Session logout complete											
39000	Pad1	U	1	63	Fixed String	not used						

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
30355	VarText	Y	2000	64	Variable String	Error text. Valid characters: \x09,\x0A,\x0D, \x20-\x7B,\x7D,\x7E

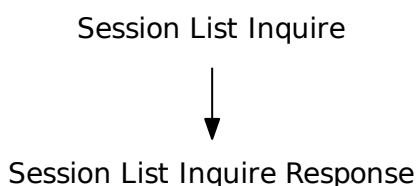
Valid Values of SessionRejectReason (datatype SessionRejectReason)

Valid Value	Description
1	Required Tag Missing
5	Value is incorrect (out of range) for this tag
7	Decryption problem
11	Invalid TemplatID
16	Incorrect NumInGroup count for repeating group
99	Other
100	Throttle limit exceeded
101	Stale request was not forwarded to T7
102	Service temporarily not available
103	Service not available
105	Error converting response or broadcast
152	Heartbeat violation error
200	Internal technical error
210	Validation Error
211	User already logged in
214	Session Gateway assignment expired
215	Gateway not reserved to Session
216	Login to a Standby Gateway
217	Number of Session Logins exceeds limit
218	Order Management request for a partition that is not reachable by the HF Gateway
219	Order Management request for a partition that is not reachable by the PS Gateway
222	No Gateway available
223	User Entitlement Data time out
10000	Order not found
10001	Price not reasonable
10002	Duplicate Order (CIOrdID)
10003	another quote activation request is pending for the same Product / Instrument Type / SessionID
10004	Book Order limit exceeded on BU level
10005	Book Order limit exceeded on Session level
10006	Stop buy price not reasonable
10007	Stop sell price not reasonable
10008	GFD order is not executable on current business day
10010	Throttle limit for creation of complex instrument exceeded
10011	Order maintenance not allowed in current state

5.25 Session List Inquire

This message is used to get the list of sessions for the own business unit. These returned sessions (PartyIDSessionID (20055)) can be used as SubscriptionScope (25001) for retransmission and subscriptions requests to Listener Data (RefApplID (1355) = 4).

For more details, please refer to the ETI Manual, chapter Retransmission.



Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderIn></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10035 (Session-DetailsListRequest, MsgType = U5)
25028	NetworkMsgID	U	8	6	Fixed String	not used
39020	Pad2	U	2	14	Fixed String	not used
<i><RequestHeader></i>						
34	MsgSeqNum	Y	4	16	unsigned int	Message sequence number used by the participant for requests sent to the gateway.
50	SenderSubID	U	4	20	unsigned int	not used

5.26 Session List Inquire Response

This message confirms the Session List Inquire request and provides information about sessions of the own business unit. The SessionSubMode (28730) is only set for LF sessions.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description								
<i><MessageHeaderOut></i>														
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.								
28500	TemplatelD	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10036 (SessionDetailsListResponse, MsgType = U6)								
39020	Pad2	U	2	6	Fixed String	not used								
<i><ResponseHeader></i>														
5979	RequestTime	Y	8	8	UTCTimestamp	Gateway request in timestamp.								
52	SendingTime	Y	8	16	UTCTimestamp	Gateway response out timestamp.								
34	MsgSeqNum	Y	4	24	unsigned int	Message sequence number used by the participant for requests sent to the gateway.								
39040	Pad4	U	4	28	Fixed String	not used								
<i><Message Body></i>														
28734	NoSessions	Y	2	32	Counter	Number of sessions in a response								
39060	Pad6	U	6	34	Fixed String	not used								
<i><SessionsGrp></i>						Cardinality: 1-1000, Record counter: NoSessions								
20055	>PartyIDSessionID	Y	4	40	unsigned int	Session ID.								
28730	>SessionMode	Y	1	44	unsigned int	Session type. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>HF</td> </tr> <tr> <td>2</td> <td>LF</td> </tr> <tr> <td>3</td> <td>GUI</td> </tr> </tbody> </table>	Value	Description	1	HF	2	LF	3	GUI
Value	Description													
1	HF													
2	LF													
3	GUI													
28735	>SessionSubMode	N	1	45	unsigned int	Set if SessionMode(28730) = 2(LF) <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Regular Trading Session</td> </tr> <tr> <td>1</td> <td>FIX Trading Session</td> </tr> <tr> <td>2</td> <td>Regular Back Office Session</td> </tr> </tbody> </table>	Value	Description	0	Regular Trading Session	1	FIX Trading Session	2	Regular Back Office Session
Value	Description													
0	Regular Trading Session													
1	FIX Trading Session													
2	Regular Back Office Session													
39020	>Pad2	U	2	46	Fixed String	not used								

5.27 Trade Enrichment List Inquire

This message is used to get the list of enrichment rules and enrichment rule IDs for the own business unit. To retrieve all enrichment rule data, in the first request LastEntityProcessed (25035) must be set to 'no value'. While the LastEntityProcessed (25035) received in the response is not 'no value', continue sending requests using the LastEntityProcessed (25035) obtained from the response.

Trade Enrichment List Inquire



Trade Enrichment List Inquire Response

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderIn></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10040 (Trade-EnrichmentListRequest, MsgType = U7)
25028	NetworkMsgID	U	8	6	Fixed String	not used
39020	Pad2	U	2	14	Fixed String	not used
<i><RequestHeader></i>						
34	MsgSeqNum	Y	4	16	unsigned int	Message sequence number used by the participant for requests sent to the gateway.
50	SenderSubID	U	4	20	unsigned int	not used
<i><Message Body></i>						
25035	LastEntityProcessed	N	16	24	data	Paging key for reference data request

5.28 Trade Enrichment List Inquire Response

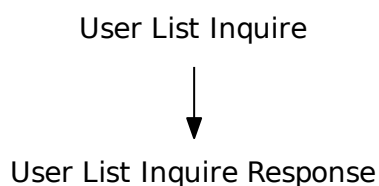
This message confirms the Enrichment List Inquire request and provides information about enrichment rules of the own business unit.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description				
<i><MessageHeaderOut></i>										
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.				
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10041 (Trade-EnrichmentListReport, MsgType = U9)				
39020	Pad2	U	2	6	Fixed String	not used				
<i><ResponseHeader></i>										
5979	RequestTime	Y	8	8	UTCTimestamp	Gateway request in timestamp.				
52	SendingTime	Y	8	16	UTCTimestamp	Gateway response out timestamp.				
34	MsgSeqNum	Y	4	24	unsigned int	Message sequence number used by the participant for requests sent to the gateway.				
39040	Pad4	U	4	28	Fixed String	not used				
<i><Message Body></i>										
25035	LastEntityProcessed	N	16	32	data	Paging key for reference data request				
28738	NoEnrichmentRules	Y	2	48	Counter	Number of enrichment rules in a response				
39060	Pad6	U	6	50	Fixed String	not used				
<i><EnrichmentRulesGrp></i>						Cardinality: 0-400, Record counter: NoEnrichmentRules				
25033	>EnrichmentRuleID	Y	2	56	unsigned int	Identifies an enrichment rule				
20099	>PartyIDOrigination-Market	N	1	58	unsigned int	The origination market <table border="1" data-bbox="991 1541 1409 1626"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Korea Exchange</td> </tr> </tbody> </table>	Value	Description	1	Korea Exchange
Value	Description									
1	Korea Exchange									
1	>Account	N	2	59	Fixed String	Accounts to book trades and keep positions on. Valid characters: 1-9,\x41,\x45,\x47,\x4D,\x50,\x52				

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
77	>PositionEffect	N	1	61	char	Field is used for T7 position management purposes and indicates whether the order is submitted to open or close a position. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>C</td> <td>Close</td> </tr> <tr> <td>O</td> <td>Open</td> </tr> </tbody> </table>	Value	Description	C	Close	O	Open
Value	Description											
C	Close											
O	Open											
20096	>PartyIDTakeUp- TradingFirm	N	5	62	Fixed String	Take-up Member Short Name. Valid characters: A-Z,0-9,\x20						
20013	>PartyIDOrder- OriginationFirm	N	7	67	Fixed String	External Member ID. Valid characters: A-Z,0-9,\x20						
20032	>PartyIDBeneficiary	N	9	74	Fixed String	Final Beneficiary Valid characters: A-Z,0-9,\x20						
25007	>FreeText1	N	12	83	Fixed String	First free-format text field for trader-specific or customer-related comments. Valid characters: \x20,\x23-\x25,\x28-\x2A,\x2C-\x3B,\x3F,\x41-\x5F,\x61-\x7B,\x7D,\x7E						
25008	>FreeText2	N	12	95	Fixed String	Second free-format text field for trader-specific or customer-related comments. Will not be forwarded to CCP for cash markets. Valid characters: \x20,\x23-\x25,\x28-\x2A,\x2C-\x3B,\x3F,\x41-\x5F,\x61-\x7B,\x7D,\x7E						
25009	>FreeText3	N	12	107	Fixed String	Third free-format text field for trader-specific or customer-related comments. Valid characters: \x20,\x23-\x25,\x28-\x2A,\x2C-\x3B,\x3F,\x41-\x5F,\x61-\x7B,\x7D,\x7E						
39000	>Pad1	U	1	119	Fixed String	not used						

5.29 User List Inquire

This message is used to get the list of traders of the own business unit. To retrieve all user data, in the first request LastEntityProcessed (25035) must be set to 'no value'. While the LastEntityProcessed (25035) received in the response is not 'no value', continue sending requests using the LastEntityProcessed (25035) obtained from the response.



Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderIn></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplatID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10038 (Party-DetailListRequest, MsgType = CF)
25028	NetworkMsgID	U	8	6	Fixed String	not used
39020	Pad2	U	2	14	Fixed String	not used
<i><RequestHeader></i>						
34	MsgSeqNum	Y	4	16	unsigned int	Message sequence number used by the participant for requests sent to the gateway.
50	SenderSubID	U	4	20	unsigned int	not used
<i><Message Body></i>						
25035	LastEntityProcessed	N	16	24	data	Paging key for reference data request

5.30 User List Inquire Response

This message confirms the User List Inquire request and provides information about the traders of the own business unit.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description								
<i><MessageHeaderOut></i>														
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.								
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10039 (Party-DetailListReport, MsgType = CG)								
39020	Pad2	U	2	6	Fixed String	not used								
<i><ResponseHeader></i>														
5979	RequestTime	Y	8	8	UTCTimestamp	Gateway request in timestamp.								
52	SendingTime	Y	8	16	UTCTimestamp	Gateway response out timestamp.								
34	MsgSeqNum	Y	4	24	unsigned int	Message sequence number used by the participant for requests sent to the gateway.								
39040	Pad4	U	4	28	Fixed String	not used								
<i><Message Body></i>														
25035	LastEntityProcessed	N	16	32	data	Paging key for reference data request								
1671	NoPartyDetails	Y	2	48	Counter	Number of PartyDetailsGrp repeating group								
39060	Pad6	U	6	50	Fixed String	not used								
<i><PartyDetailsGrp></i>						Cardinality: 0-1000, Record counter: NoPartyDetails								
20212	>PartyDetail- IDExecutingTrader	Y	4	56	unsigned int	Trader ID								
22212	>PartyDetail- ExecutingTrader	Y	6	60	Fixed String	Trader Name Valid characters: \x20,\x22-\x7B, \x7D,\x7E								
1674	>PartyDetailRole- Qualifier	Y	1	66	unsigned int	User Role <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>Trader</td> </tr> <tr> <td>11</td> <td>Head Trader</td> </tr> <tr> <td>12</td> <td>Supervisor</td> </tr> </tbody> </table>	Value	Description	10	Trader	11	Head Trader	12	Supervisor
Value	Description													
10	Trader													
11	Head Trader													
12	Supervisor													
1672	>PartyDetailStatus	Y	1	67	unsigned int	Member status. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Active</td> </tr> <tr> <td>1</td> <td>Suspend</td> </tr> </tbody> </table>	Value	Description	0	Active	1	Suspend		
Value	Description													
0	Active													
1	Suspend													

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
22276	>PartyDetailDeskID	N	3	68	Fixed String	Trader Group. Valid characters: A-Z,0-9,\x20
39000	>Pad1	U	1	71	Fixed String	not used

6 Strategy Creation

6.1 Create Strategy

The Security Definition Request message is used to create a strategy on T7. For more details, please refer to the ETI Manual, chapter Creation of a Strategy. This message is sent to the service "Order and Quote Management".



Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderIn></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10301 (Security-DefinitionRequest, MsgType = c)
25028	NetworkMsgID	U	8	6	Fixed String	not used
39020	Pad2	U	2	14	Fixed String	not used
<i><RequestHeader></i>						
34	MsgSeqNum	Y	4	16	unsigned int	Message sequence number used by the participant for requests sent to the gateway.
50	SenderSubID	Y	4	20	unsigned int	User ID.
<i><Message Body></i>						
1300	MarketSegmentID	Y	4	24	signed int	Product identifier.
762	SecuritySubType	N	4	28	signed int	Strategy Type. Required for Product-Complex (1227) = 2=Standard Option Strategy, 4=Option Volatility Strategy, 6=Inter Product Spread, 7=Standard Future Strategy, 8=Pack and Bundle

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description																		
1227	ProductComplex	Y	1	32	unsigned int	This field qualifies an instrument type on T7. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Standard Option Strategy</td> </tr> <tr> <td>3</td> <td>Non-Standard Option Strategy</td> </tr> <tr> <td>4</td> <td>Volatility Strategy</td> </tr> <tr> <td>5</td> <td>Futures Spread</td> </tr> <tr> <td>6</td> <td>Inter-Product Spread</td> </tr> <tr> <td>7</td> <td>Standard Future Strategy</td> </tr> <tr> <td>8</td> <td>Pack and Bundle</td> </tr> <tr> <td>9</td> <td>Strip</td> </tr> </tbody> </table>	Value	Description	2	Standard Option Strategy	3	Non-Standard Option Strategy	4	Volatility Strategy	5	Futures Spread	6	Inter-Product Spread	7	Standard Future Strategy	8	Pack and Bundle	9	Strip
Value	Description																							
2	Standard Option Strategy																							
3	Non-Standard Option Strategy																							
4	Volatility Strategy																							
5	Futures Spread																							
6	Inter-Product Spread																							
7	Standard Future Strategy																							
8	Pack and Bundle																							
9	Strip																							
555	NoLegs	Y	1	33	Counter	Number of InstrmtLegGrp repeating group instances.																		
2404	ComplianceText	N	20	34	Fixed String	This field is used to provide additional regulatory information (according to respective rules & regs, circulars and/or bilateral coordination between participant and Trading Surveillance Office). Valid characters: \x20,\x22-\x7B,\x7D,\x7E																		
39020	Pad2	U	2	54	Fixed String	not used																		
<InstrmtLegGrp>						Cardinality: 0-20, Record counter: NoLegs																		
602	>LegSecurityID	Y	8	56	signed int	Instrument identifier of the leg security.																		
566	>LegPrice	N	8	64	PriceType	Strategy leg underlying price (only applicable for underlying leg).																		
600	>LegSymbol	N	4	72	signed int	Product identifier of the leg security (only applicable for underlying leg).																		
623	>LegRatioQty	Y	4	76	unsigned int	The ratio of quantity for this individual leg relative to the entire multileg security.																		
624	>LegSide	Y	1	80	unsigned int	The side of the individual leg of a strategy as defined in its signature. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </tbody> </table>	Value	Description	1	Buy	2	Sell												
Value	Description																							
1	Buy																							
2	Sell																							

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
609	>LegSecurityType	Y	1	81	unsigned int	Indicates type of leg. <table border="1"><thead><tr><th>Value</th><th>Description</th></tr></thead><tbody><tr><td>1</td><td>Multileg Instrument</td></tr><tr><td>2</td><td>Underlying Leg</td></tr></tbody></table>	Value	Description	1	Multileg Instrument	2	Underlying Leg
Value	Description											
1	Multileg Instrument											
2	Underlying Leg											
39060	>Pad6	U	6	82	Fixed String	not used						

6.2 Create Strategy Response

This message confirms the creation of a strategy or returns the parameters of an existing strategy. For more details, please refer to the ETI Manual, chapter Creation of a Strategy.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description				
<i><MessageHeaderOut></i>										
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.				
28500	TemplatelD	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10302 (Security-Definition, MsgType = d)				
39020	Pad2	U	2	6	Fixed String	not used				
<i><NRResponseHeaderME></i>										
5979	RequestTime	Y	8	8	UTCTimestamp	Gateway request in timestamp.				
21002	TrdRegTSTimeIn	Y	8	16	UTCTimestamp	Matching engine in timestamp.				
21003	TrdRegTSTimeOut	Y	8	24	UTCTimestamp	Matching engine out timestamp.				
7765	ResponseIn	Y	8	32	UTCTimestamp	Timestamp the gateway receives a message from the Matching Engine				
52	SendingTime	Y	8	40	UTCTimestamp	Gateway response out timestamp.				
34	MsgSeqNum	Y	4	48	unsigned int	Message sequence number used by the participant for requests sent to the gateway.				
893	LastFragment	Y	1	52	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1" data-bbox="991 1397 1409 1485"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	1	Last Message
Value	Description									
1	Last Message									
39030	Pad3	U	3	53	Fixed String	not used				
<i><Message Body></i>										
1148	LowLimitPrice	N	8	56	PriceType	Allowable low limit price for the trading day.A key parameter in validating order price.Used as the lower band for validating order prices.Orders submitted with prices below the lower limit will be rejected				
1149	HighLimitPrice	N	8	64	PriceType	Allowable high limit price for the trading day.A key parameter in validating order price.Used as the upper band for validating order prices.Orders submitted with prices above the upper limit will be rejected				
48	SecurityID	Y	8	72	signed int	Instrument identifier.				

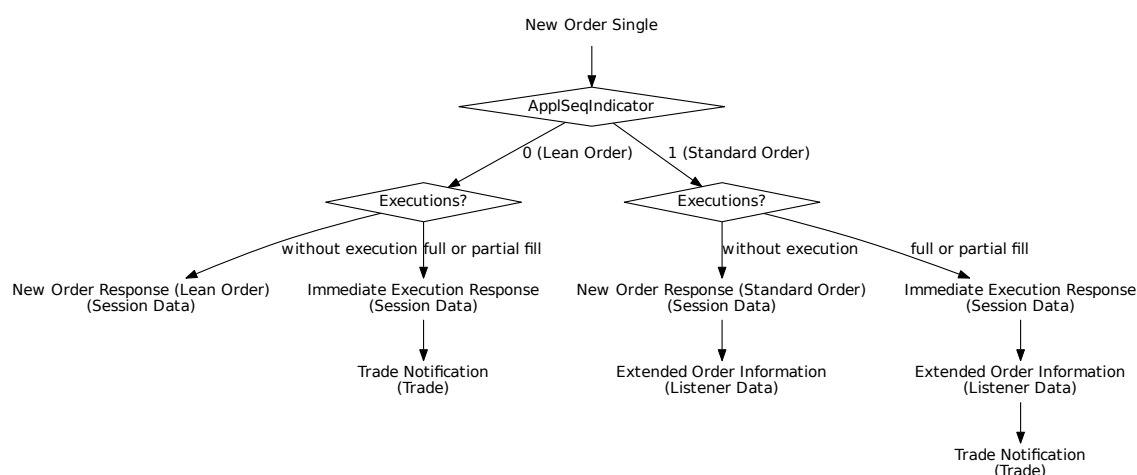
Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
779	LastUpdateTime	Y	8	80	UTCTimestamp	Creation timestamp of the strategy.						
322	SecurityResponseID	Y	8	88	UTCTimestamp	Identifier for the Security Definition message.						
1300	MarketSegmentID	Y	4	96	signed int	Product identifier.						
28614	NumberOfSecurities	Y	4	100	signed int	Number of strategies that have been created per session, product, instrument type and business day.						
762	SecuritySubType	N	4	104	signed int	Strategy Type. Required for Product-Complex (1227) = 2=Standard Option Strategy, 4=Option Volatility Strategy, 6=Inter Product Spread, 7=Standard Future Strategy, 8=Pack and Bundle						
1377	MultilegModel	Y	1	108	unsigned int	Specifies if a strategy is temporarily (user-defined) or permanently (predefined) available. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Predefined Multileg Security</td> </tr> <tr> <td>1</td> <td>User-defined Multileg Security</td> </tr> </tbody> </table>	Value	Description	0	Predefined Multileg Security	1	User-defined Multileg Security
Value	Description											
0	Predefined Multileg Security											
1	User-defined Multileg Security											
1144	ImpliedMarketIndicator	Y	1	109	unsigned int	Indicates that an implied market to be created for either the legs of a multi-leg instrument (Implied-in) or for the multi-leg instrument based on the existence of the legs (Implied-out). Determination as to whether implied markets should be created is generally done at the level of the multi-leg instrument. Commonly used in listed derivatives. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Not implied</td> </tr> <tr> <td>3</td> <td>Both Implied-in and Implied-out</td> </tr> </tbody> </table>	Value	Description	0	Not implied	3	Both Implied-in and Implied-out
Value	Description											
0	Not implied											
3	Both Implied-in and Implied-out											

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description																		
1227	ProductComplex	Y	1	110	unsigned int	This field qualifies an instrument type on T7. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Standard Option Strategy</td> </tr> <tr> <td>3</td> <td>Non-Standard Option Strategy</td> </tr> <tr> <td>4</td> <td>Volatility Strategy</td> </tr> <tr> <td>5</td> <td>Futures Spread</td> </tr> <tr> <td>6</td> <td>Inter-Product Spread</td> </tr> <tr> <td>7</td> <td>Standard Future Strategy</td> </tr> <tr> <td>8</td> <td>Pack and Bundle</td> </tr> <tr> <td>9</td> <td>Strip</td> </tr> </tbody> </table>	Value	Description	2	Standard Option Strategy	3	Non-Standard Option Strategy	4	Volatility Strategy	5	Futures Spread	6	Inter-Product Spread	7	Standard Future Strategy	8	Pack and Bundle	9	Strip
Value	Description																							
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8	Pack and Bundle																							
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555	NoLegs	Y	1	111	Counter	Number of InstrmtLegGrp repeating group instances.																		
<InstrmtLegGrp>						Cardinality: 0-20, Record counter: NoLegs																		
602	>LegSecurityID	Y	8	112	signed int	Instrument identifier of the leg security.																		
566	>LegPrice	N	8	120	PriceType	Strategy leg underlying price (only applicable for underlying leg).																		
600	>LegSymbol	N	4	128	signed int	Product identifier of the leg security (only applicable for underlying leg).																		
623	>LegRatioQty	Y	4	132	unsigned int	The ratio of quantity for this individual leg relative to the entire multileg security.																		
624	>LegSide	Y	1	136	unsigned int	The side of the individual leg of a strategy as defined in its signature. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </tbody> </table>	Value	Description	1	Buy	2	Sell												
Value	Description																							
1	Buy																							
2	Sell																							
609	>LegSecurityType	Y	1	137	unsigned int	Indicates type of leg. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Multileg Instrument</td> </tr> <tr> <td>2</td> <td>Underlying Leg</td> </tr> </tbody> </table>	Value	Description	1	Multileg Instrument	2	Underlying Leg												
Value	Description																							
1	Multileg Instrument																							
2	Underlying Leg																							
39060	>Pad6	U	6	138	Fixed String	not used																		

7 Order Handling

7.1 New Order Single

The New Order Single message is used by the participant to submit an order for single leg securities. For more details, please refer to the ETI Manual, chapter Order Types. This message is sent to the service "Order and Quote Management".



Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderIn></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10100 (NewOrderSingle, MsgType = D)
25028	NetworkMsgID	U	8	6	Fixed String	not used
39020	Pad2	U	2	14	Fixed String	not used
<i><RequestHeader></i>						
34	MsgSeqNum	Y	4	16	unsigned int	Message sequence number used by the participant for requests sent to the gateway.
50	SenderSubID	Y	4	20	unsigned int	User ID.
<i><Message Body></i>						
44	Price	N	8	24	PriceType	Limit price. Required if OrdType (40) is Limit (2) or Stop Limit (4).
38	OrderQty	Y	8	32	Qty	Total Order Quantity.
99	StopPx	N	8	40	PriceType	Stop price. Required if OrdType (40) is Stop (3) or used as the trigger price for an One-cancels-the-other order.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
11	CIOrdID	N	8	48	unsigned int	Client Order ID: Unique participant defined order request identifier; used for client order id chaining.
20003	PartyIDClientID	N	8	56	unsigned int	Client Identifier field (ESMA Field 3 (Section A))used to identify the client of an order for agent account of the member or participant of the trading venue. If the Client Identifier field is not provided for agent orders, then they will be rejected. For orders sent with Trading Capacity Proprietary or Market Making, the Client Identifier field may remain empty.
20122	PartyIDInvestment-DecisionMaker	N	8	64	unsigned int	Investment decision within firm (ESMA Field 4 (Section A)) is the code used to identify the person or the algorithm within the member or participant of the Trading Venue who is responsible for the investment decision.
25123	ExecutingTrader	N	8	72	unsigned int	Executing Trader data Field(ESMA Field 5 (Section A))used to identify the person or algorithm within the member or participant of the trading venue who is responsible for the execution of the transaction resulting from the order.
432	ExpireDate	N	4	80	LocalMktDate	Date of order expiry. Required if Time-InForce (59) = 6.
1300	MarketSegmentID	Y	4	84	signed int	Product identifier.
30048	SimpleSecurityID	Y	4	88	unsigned int	Instrument identifier for simple instruments. Should be filled with the 4 least significant bytes of SecurityID (48) provided in T7 RDI and T7 RDF reference data.
28744	MatchInstCrossID	N	4	92	unsigned int	Self Match Prevention ID.
20096	PartyIDTakeUp-TradingFirm	N	5	96	Fixed String	Take-up Member Short Name. Valid characters: A-Z,0-9,\x20
20013	PartyIDOrder-OriginationFirm	N	7	101	Fixed String	External Member ID. Valid characters: A-Z,0-9,\x20
20032	PartyIDBeneficiary	N	9	108	Fixed String	Final Beneficiary Valid characters: A-Z,0-9,\x20

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description										
28703	ApplSeqIndicator	Y	1	117	unsigned int	Indicates if the order is a Lean Order or a Standard Order. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No Recovery Required</td> </tr> <tr> <td>1</td> <td>Recovery Required</td> </tr> </tbody> </table>	Value	Description	0	No Recovery Required	1	Recovery Required				
Value	Description															
0	No Recovery Required															
1	Recovery Required															
54	Side	Y	1	118	unsigned int	Side of the order. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </tbody> </table>	Value	Description	1	Buy	2	Sell				
Value	Description															
1	Buy															
2	Sell															
40	OrdType	Y	1	119	unsigned int	Order type. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Market</td> </tr> <tr> <td>2</td> <td>Limit</td> </tr> <tr> <td>3</td> <td>Stop</td> </tr> <tr> <td>4</td> <td>Stop Limit</td> </tr> </tbody> </table>	Value	Description	1	Market	2	Limit	3	Stop	4	Stop Limit
Value	Description															
1	Market															
2	Limit															
3	Stop															
4	Stop Limit															
28710	PriceValidityCheck-Type	Y	1	120	unsigned int	Indicator how price validity check should be performed by the exchange (see the ETI Manual, chapter Price Reasonability Check). <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>None</td> </tr> <tr> <td>1</td> <td>Optional</td> </tr> <tr> <td>2</td> <td>Mandatory</td> </tr> </tbody> </table>	Value	Description	0	None	1	Optional	2	Mandatory		
Value	Description															
0	None															
1	Optional															
2	Mandatory															
25126	ValueCheckTypeValue	Y	1	121	unsigned int	Indicator for checking the maximum order/quote value by the exchange. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Do not check</td> </tr> <tr> <td>1</td> <td>Check</td> </tr> </tbody> </table>	Value	Description	0	Do not check	1	Check				
Value	Description															
0	Do not check															
1	Check															
23002	OrderAttribute-LiquidityProvision	Y	1	122	unsigned int	Indication as to whether an order is submitted to a Trading Venue as part of a market making strategy. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Liquidity provision</td> </tr> <tr> <td>0</td> <td>No liquidity provision</td> </tr> </tbody> </table>	Value	Description	1	Liquidity provision	0	No liquidity provision				
Value	Description															
1	Liquidity provision															
0	No liquidity provision															

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description										
23003	OrderAttributeRisk-Reduction	N	1	123	unsigned int	<p>Indication as to whether the transaction reduces risk in an objectively measurable way in accordance with Article 57 of Directive 2014/EU. The field is only applicable for commodity derivative transactions.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Risk reduction</td> </tr> <tr> <td>0</td> <td>No risk reduction</td> </tr> </tbody> </table>	Value	Description	1	Risk reduction	0	No risk reduction				
Value	Description															
1	Risk reduction															
0	No risk reduction															
59	TimelnForce	Y	1	124	unsigned int	<p>Execution and trading restriction parameters supported by T7.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Day (GFD)</td> </tr> <tr> <td>1</td> <td>Good Till Cancelled (GTC)</td> </tr> <tr> <td>3</td> <td>Immediate or Cancel (IOC)</td> </tr> <tr> <td>6</td> <td>Good Till Date (GTD) - Standard Orders only</td> </tr> </tbody> </table>	Value	Description	0	Day (GFD)	1	Good Till Cancelled (GTC)	3	Immediate or Cancel (IOC)	6	Good Till Date (GTD) - Standard Orders only
Value	Description															
0	Day (GFD)															
1	Good Till Cancelled (GTC)															
3	Immediate or Cancel (IOC)															
6	Good Till Date (GTD) - Standard Orders only															
18	Execlnst	Y	1	125	unsigned int	<p>Instructions for order handling.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Persistent Order (FIX value 'H')</td> </tr> <tr> <td>2</td> <td>Non-persistent Order (FIX value 'Q')</td> </tr> <tr> <td>5</td> <td>Persistent and Book or Cancel order (FIX value 'H 6')</td> </tr> <tr> <td>6</td> <td>Non-persistent and Book or Cancel order (FIX value 'Q 6')</td> </tr> </tbody> </table>	Value	Description	1	Persistent Order (FIX value 'H')	2	Non-persistent Order (FIX value 'Q')	5	Persistent and Book or Cancel order (FIX value 'H 6')	6	Non-persistent and Book or Cancel order (FIX value 'Q 6')
Value	Description															
1	Persistent Order (FIX value 'H')															
2	Non-persistent Order (FIX value 'Q')															
5	Persistent and Book or Cancel order (FIX value 'H 6')															
6	Non-persistent and Book or Cancel order (FIX value 'Q 6')															
625	TradingSessionSubID	N	1	126	unsigned int	<p>Marks a certain order as a closing auction one.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>Closing or closing auction</td> </tr> </tbody> </table>	Value	Description	4	Closing or closing auction						
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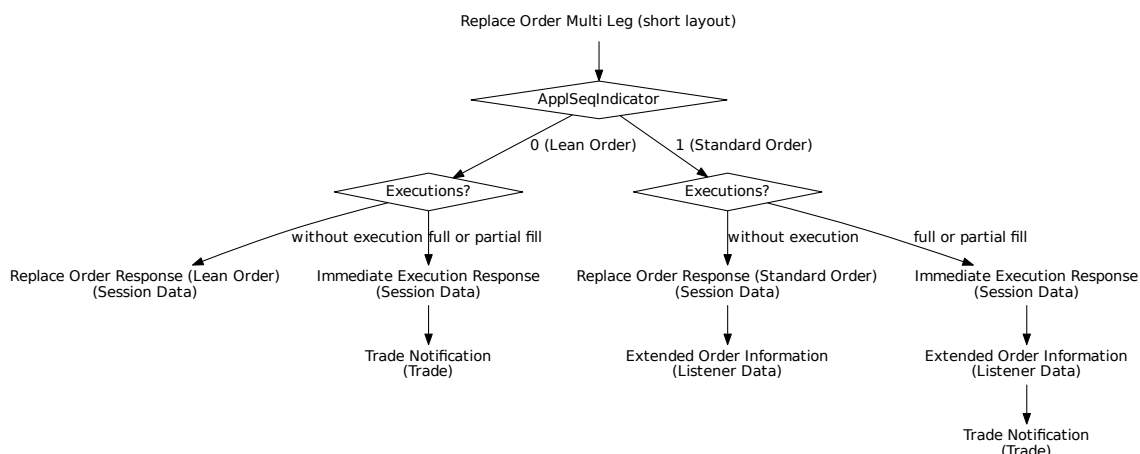
Tag	Field Name	Req'd	Len	Ofs	Data Type	Description								
1815	TradingCapacity	Y	1	127	unsigned int	<p>This field designates if the trader is acting in the capacity of agent, trading for its own account or acting as a market maker.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Customer (Agency)</td> </tr> <tr> <td>5</td> <td>Principal (Proprietary)</td> </tr> <tr> <td>6</td> <td>MarketMaker</td> </tr> </tbody> </table>	Value	Description	1	Customer (Agency)	5	Principal (Proprietary)	6	MarketMaker
Value	Description													
1	Customer (Agency)													
5	Principal (Proprietary)													
6	MarketMaker													
21222	PartyIdInvestment-DecisionMaker-Qualifier	N	1	128	unsigned int	<p>Qualifier for field PartyIdInvestment-DecisionMaker. Members/participants will have the possibility to specify an Investment qualifier value to distinguish between natural persons and Algos.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algo</td> </tr> <tr> <td>24</td> <td>Human/Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algo	24	Human/Natural person		
Value	Description													
22	Algo													
24	Human/Natural person													
25124	ExecutingTrader-Qualifier	Y	1	129	unsigned int	<p>Qualifier for field ExecutingTrader. It is required to distinguish between natural persons and Algos.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algo</td> </tr> <tr> <td>24</td> <td>Human/Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algo	24	Human/Natural person		
Value	Description													
22	Algo													
24	Human/Natural person													
1	Account	N	2	130	Fixed String	<p>Accounts to book trades and keep positions on.</p> <p>Valid characters: 1-9, \x41, \x45, \x47, \x4D, \x50, \x52</p>								
20038	PartyIDPosition-Account	N	32	132	Fixed String	<p>'Flexible Account' information.</p> <p>Valid characters: \x20, \x30-\x39, \x41-\x5A</p>								

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
77	PositionEffect	Y	1	164	char	Field is used for T7 position management purposes and indicates whether the order is submitted to open or close a position. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>C</td> <td>Close</td> </tr> <tr> <td>O</td> <td>Open</td> </tr> </tbody> </table>	Value	Description	C	Close	O	Open
Value	Description											
C	Close											
O	Open											
20075	PartyIDLocationID	N	2	165	Fixed String	Country code. Valid characters: \x01-\x7E						
1031	CustOrderHandling-Inst	N	1	167	Fixed String	Identifies the source of an order, in accordance with the FIA guidelines for a rate Identifier. The field is for participant use only. Valid characters: \x20,\x22-\x7B,\x7D,\x7E						
2404	ComplianceText	N	20	168	Fixed String	This field is used to provide additional regulatory information (according to respective rules & regs, circulars and/or bilateral coordination between participant and Trading Surveillance Office). Valid characters: \x20,\x22-\x7B,\x7D,\x7E						
25007	FreeText1	N	12	188	Fixed String	First free-format text field for trader-specific or customer-related comments. Valid characters: \x20,\x23-\x25,\x28-\x2A,\x2C-\x3B,\x3F,\x41-\x5F,\x61-\x7B,\x7D,\x7E						
25008	FreeText2	N	12	200	Fixed String	Second free-format text field for trader-specific or customer-related comments. Will not be forwarded to CCP for cash markets. Valid characters: \x20,\x23-\x25,\x28-\x2A,\x2C-\x3B,\x3F,\x41-\x5F,\x61-\x7B,\x7D,\x7E						

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
25009	FreeText3	N	12	212	Fixed String	Third free-format text field for trader-specific or customer-related comments. Valid characters: \x20,\x23-\x25,\x28-\x2A,\x2C-\x3B,\x3F,\x41-\x5F,\x61-\x7B,\x7D,\x7E
30011	FIXCIOrdID	N	20	224	Fixed String	User defined client order ID Valid characters: \x20-\x7E
39040	Pad4	U	4	244	Fixed String	not used

7.2 Replace Order Multi Leg (short layout)

This message is sent to the service "Order and Quote Management".



Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderIn></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10130 (OrderCancelReplaceRequest, MsgType = G)
25028	NetworkMsgID	U	8	6	Fixed String	not used
39020	Pad2	U	2	14	Fixed String	not used
<i><RequestHeader></i>						
34	MsgSeqNum	Y	4	16	unsigned int	Message sequence number used by the participant for requests sent to the gateway.
50	SenderSubID	Y	4	20	unsigned int	User ID.
<i><Message Body></i>						
11	ClOrdID	N	8	24	unsigned int	Client Order ID: Unique participant defined order request identifier; used for client order id chaining.
41	OrigClOrdID	Y	8	32	unsigned int	ClOrdID (11) of the last successfully processed task (request) referring to the specific order.
48	SecurityID	Y	8	40	signed int	Instrument identifier.
44	Price	Y	8	48	PriceType	Limit price. Required if OrdType (40) is Limit (2) or Stop Limit (4).
38	OrderQty	Y	8	56	Qty	Total Order Quantity.

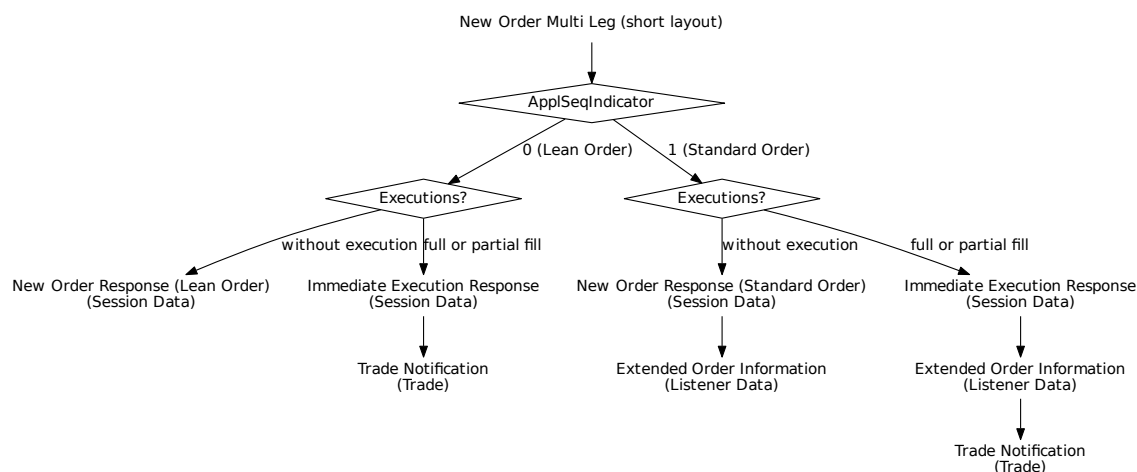
Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
20003	PartyIDClientID	N	8	64	unsigned int	Client Identifier field (ESMA Field 3 (Section A))used to identify the client of an order for agent account of the member or participant of the trading venue. If the Client Identifier field is not provided for agent orders, then they will be rejected. For orders sent with Trading Capacity Proprietary or Market Making, the Client Identifier field may remain empty.						
20122	PartyIDInvestment-DecisionMaker	N	8	72	unsigned int	Investment decision within firm (ESMA Field 4 (Section A)) is the code used to identify the person or the algorithm within the member or participant of the Trading Venue who is responsible for the investment decision.						
25123	ExecutingTrader	N	8	80	unsigned int	Executing Trader data Field(ESMA Field 5 (Section A))used to identify the person or algorithm within the member or participant of the trading venue who is responsible for the execution of the transaction resulting from the order.						
1300	MarketSegmentID	Y	4	88	signed int	Product identifier.						
28744	MatchInstCrossID	N	4	92	unsigned int	Self Match Prevention ID.						
25033	EnrichmentRuleID	N	2	96	unsigned int	Identifies an enrichment rule						
28703	ApplSeqIndicator	Y	1	98	unsigned int	Indicates if the order is a Lean Order or a Standard Order. <table border="1" data-bbox="991 1518 1409 1648"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No Recovery Required</td> </tr> <tr> <td>1</td> <td>Recovery Required</td> </tr> </tbody> </table>	Value	Description	0	No Recovery Required	1	Recovery Required
Value	Description											
0	No Recovery Required											
1	Recovery Required											

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description																		
1227	ProductComplex	Y	1	99	unsigned int	<p>This field qualifies an instrument type on T7.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Standard Option Strategy</td> </tr> <tr> <td>3</td> <td>Non-Standard Option Strategy</td> </tr> <tr> <td>4</td> <td>Volatility Strategy</td> </tr> <tr> <td>5</td> <td>Futures Spread</td> </tr> <tr> <td>6</td> <td>Inter-Product Spread</td> </tr> <tr> <td>7</td> <td>Standard Future Strategy</td> </tr> <tr> <td>8</td> <td>Pack and Bundle</td> </tr> <tr> <td>9</td> <td>Strip</td> </tr> </tbody> </table>	Value	Description	2	Standard Option Strategy	3	Non-Standard Option Strategy	4	Volatility Strategy	5	Futures Spread	6	Inter-Product Spread	7	Standard Future Strategy	8	Pack and Bundle	9	Strip
Value	Description																							
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9	Strip																							
54	Side	Y	1	100	unsigned int	<p>Side of the order.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </tbody> </table>	Value	Description	1	Buy	2	Sell												
Value	Description																							
1	Buy																							
2	Sell																							
28710	PriceValidityCheck-Type	Y	1	101	unsigned int	<p>Indicator how price validity check should be performed by the exchange (see the ETI Manual, chapter Price Reasonability Check).</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>None</td> </tr> <tr> <td>1</td> <td>Optional</td> </tr> <tr> <td>2</td> <td>Mandatory</td> </tr> </tbody> </table>	Value	Description	0	None	1	Optional	2	Mandatory										
Value	Description																							
0	None																							
1	Optional																							
2	Mandatory																							
25126	ValueCheckTypeValue	Y	1	102	unsigned int	<p>Indicator for checking the maximum order/quote value by the exchange.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Do not check</td> </tr> <tr> <td>1</td> <td>Check</td> </tr> </tbody> </table>	Value	Description	0	Do not check	1	Check												
Value	Description																							
0	Do not check																							
1	Check																							
23002	OrderAttribute-LiquidityProvision	Y	1	103	unsigned int	<p>Indication as to whether an order is submitted to a Trading Venue as part of a market making strategy.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Liquidity provision</td> </tr> <tr> <td>0</td> <td>No liquidity provision</td> </tr> </tbody> </table>	Value	Description	1	Liquidity provision	0	No liquidity provision												
Value	Description																							
1	Liquidity provision																							
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Tag	Field Name	Req'd	Len	Ofs	Data Type	Description								
18	ExecInst	Y	1	104	unsigned int	<p>Instructions for order handling.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Persistent Order (FIX value 'H')</td> </tr> <tr> <td>2</td> <td>Non-persistent Order (FIX value 'Q')</td> </tr> </tbody> </table>	Value	Description	1	Persistent Order (FIX value 'H')	2	Non-persistent Order (FIX value 'Q')		
Value	Description													
1	Persistent Order (FIX value 'H')													
2	Non-persistent Order (FIX value 'Q')													
59	TimeInForce	Y	1	105	unsigned int	<p>Execution and trading restriction parameters supported by T7.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Day (GFD)</td> </tr> <tr> <td>1</td> <td>Good Till Cancelled (GTC)</td> </tr> <tr> <td>3</td> <td>Immediate or Cancel (IOC)</td> </tr> </tbody> </table>	Value	Description	0	Day (GFD)	1	Good Till Cancelled (GTC)	3	Immediate or Cancel (IOC)
Value	Description													
0	Day (GFD)													
1	Good Till Cancelled (GTC)													
3	Immediate or Cancel (IOC)													
1815	TradingCapacity	Y	1	106	unsigned int	<p>This field designates if the trader is acting in the capacity of agent, trading for its own account or acting as a market maker.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Customer (Agency)</td> </tr> <tr> <td>5</td> <td>Principal (Proprietary)</td> </tr> <tr> <td>6</td> <td>MarketMaker</td> </tr> </tbody> </table>	Value	Description	1	Customer (Agency)	5	Principal (Proprietary)	6	MarketMaker
Value	Description													
1	Customer (Agency)													
5	Principal (Proprietary)													
6	MarketMaker													
21222	PartyIdInvestment-DecisionMaker-Qualifier	N	1	107	unsigned int	<p>Qualifier for field PartyIdInvestment-DecisionMaker. Members/participants will have the possibility to specify an Investment qualifier value to distinguish between natural persons and Algos.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algo</td> </tr> <tr> <td>24</td> <td>Human/Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algo	24	Human/Natural person		
Value	Description													
22	Algo													
24	Human/Natural person													
25124	ExecutingTrader-Qualifier	Y	1	108	unsigned int	<p>Qualifier for field ExecutingTrader. It is required to distinguish between natural persons and Algos.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algo</td> </tr> <tr> <td>24</td> <td>Human/Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algo	24	Human/Natural person		
Value	Description													
22	Algo													
24	Human/Natural person													
39030	Pad3	U	3	109	Fixed String	not used								

7.3 New Order Multi Leg (short layout)

This message is sent to the service "Order and Quote Management".



Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderIn></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplatID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10129 (NewOrder-Single, MsgType = D)
25028	NetworkMsgID	U	8	6	Fixed String	not used
39020	Pad2	U	2	14	Fixed String	not used
<i><RequestHeader></i>						
34	MsgSeqNum	Y	4	16	unsigned int	Message sequence number used by the participant for requests sent to the gateway.
50	SenderSubID	Y	4	20	unsigned int	User ID.
<i><Message Body></i>						
48	SecurityID	Y	8	24	signed int	Instrument identifier.
44	Price	Y	8	32	PriceType	Limit price. Required if OrdType (40) is Limit (2) or Stop Limit (4).
38	OrderQty	Y	8	40	Qty	Total Order Quantity.
11	ClOrdID	Y	8	48	unsigned int	Client Order ID: Unique participant defined order request identifier; used for client order id chaining.

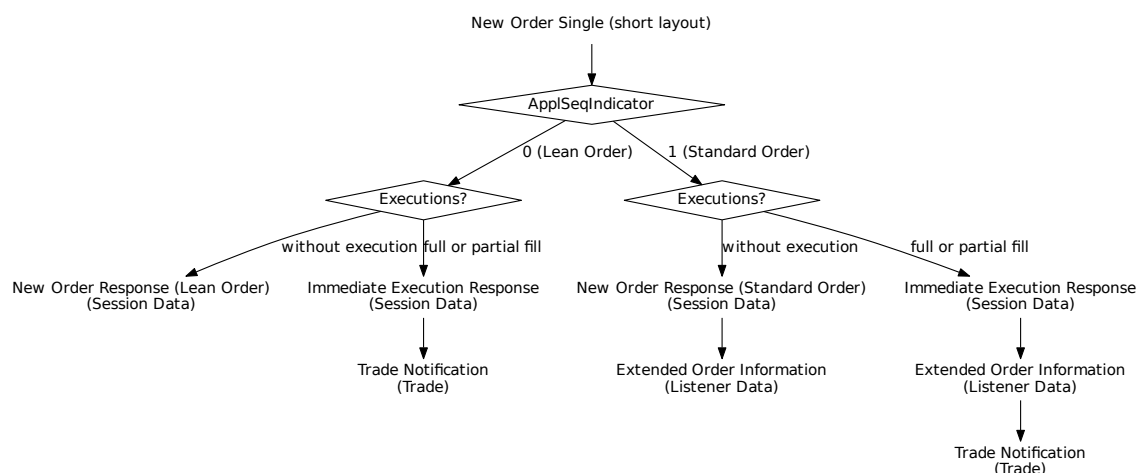
Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
20003	PartyIDClientID	N	8	56	unsigned int	Client Identifier field (ESMA Field 3 (Section A))used to identify the client of an order for agent account of the member or participant of the trading venue. If the Client Identifier field is not provided for agent orders, then they will be rejected. For orders sent with Trading Capacity Proprietary or Market Making, the Client Identifier field may remain empty.						
20122	PartyIDInvestment-DecisionMaker	N	8	64	unsigned int	Investment decision within firm (ESMA Field 4 (Section A)) is the code used to identify the person or the algorithm within the member or participant of the Trading Venue who is responsible for the investment decision.						
25123	ExecutingTrader	N	8	72	unsigned int	Executing Trader data Field(ESMA Field 5 (Section A))used to identify the person or algorithm within the member or participant of the trading venue who is responsible for the execution of the transaction resulting from the order.						
1300	MarketSegmentID	Y	4	80	signed int	Product identifier.						
28744	MatchInstCrossID	N	4	84	unsigned int	Self Match Prevention ID.						
25033	EnrichmentRuleID	N	2	88	unsigned int	Identifies an enrichment rule						
28703	ApplSeqIndicator	Y	1	90	unsigned int	Indicates if the order is a Lean Order or a Standard Order. <table border="1" data-bbox="991 1518 1409 1648"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No Recovery Required</td> </tr> <tr> <td>1</td> <td>Recovery Required</td> </tr> </tbody> </table>	Value	Description	0	No Recovery Required	1	Recovery Required
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Tag	Field Name	Req'd	Len	Ofs	Data Type	Description																		
1227	ProductComplex	Y	1	91	unsigned int	<p>This field qualifies an instrument type on T7.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Standard Option Strategy</td> </tr> <tr> <td>3</td> <td>Non-Standard Option Strategy</td> </tr> <tr> <td>4</td> <td>Volatility Strategy</td> </tr> <tr> <td>5</td> <td>Futures Spread</td> </tr> <tr> <td>6</td> <td>Inter-Product Spread</td> </tr> <tr> <td>7</td> <td>Standard Future Strategy</td> </tr> <tr> <td>8</td> <td>Pack and Bundle</td> </tr> <tr> <td>9</td> <td>Strip</td> </tr> </tbody> </table>	Value	Description	2	Standard Option Strategy	3	Non-Standard Option Strategy	4	Volatility Strategy	5	Futures Spread	6	Inter-Product Spread	7	Standard Future Strategy	8	Pack and Bundle	9	Strip
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54	Side	Y	1	92	unsigned int	<p>Side of the order.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </tbody> </table>	Value	Description	1	Buy	2	Sell												
Value	Description																							
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28710	PriceValidityCheck-Type	Y	1	93	unsigned int	<p>Indicator how price validity check should be performed by the exchange (see the ETI Manual, chapter Price Reasonability Check).</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>None</td> </tr> <tr> <td>1</td> <td>Optional</td> </tr> <tr> <td>2</td> <td>Mandatory</td> </tr> </tbody> </table>	Value	Description	0	None	1	Optional	2	Mandatory										
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25126	ValueCheckTypeValue	Y	1	94	unsigned int	<p>Indicator for checking the maximum order/quote value by the exchange.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Do not check</td> </tr> <tr> <td>1</td> <td>Check</td> </tr> </tbody> </table>	Value	Description	0	Do not check	1	Check												
Value	Description																							
0	Do not check																							
1	Check																							
23002	OrderAttribute-LiquidityProvision	Y	1	95	unsigned int	<p>Indication as to whether an order is submitted to a Trading Venue as part of a market making strategy.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Liquidity provision</td> </tr> <tr> <td>0</td> <td>No liquidity provision</td> </tr> </tbody> </table>	Value	Description	1	Liquidity provision	0	No liquidity provision												
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Tag	Field Name	Req'd	Len	Ofs	Data Type	Description								
18	ExecInst	Y	1	96	unsigned int	<p>Instructions for order handling.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Persistent Order (FIX value 'H')</td> </tr> <tr> <td>2</td> <td>Non-persistent Order (FIX value 'Q')</td> </tr> </tbody> </table>	Value	Description	1	Persistent Order (FIX value 'H')	2	Non-persistent Order (FIX value 'Q')		
Value	Description													
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59	TimeInForce	Y	1	97	unsigned int	<p>Execution and trading restriction parameters supported by T7.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Day (GFD)</td> </tr> <tr> <td>1</td> <td>Good Till Cancelled (GTC)</td> </tr> <tr> <td>3</td> <td>Immediate or Cancel (IOC)</td> </tr> </tbody> </table>	Value	Description	0	Day (GFD)	1	Good Till Cancelled (GTC)	3	Immediate or Cancel (IOC)
Value	Description													
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1	Good Till Cancelled (GTC)													
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1815	TradingCapacity	Y	1	98	unsigned int	<p>This field designates if the trader is acting in the capacity of agent, trading for its own account or acting as a market maker.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Customer (Agency)</td> </tr> <tr> <td>5</td> <td>Principal (Proprietary)</td> </tr> <tr> <td>6</td> <td>MarketMaker</td> </tr> </tbody> </table>	Value	Description	1	Customer (Agency)	5	Principal (Proprietary)	6	MarketMaker
Value	Description													
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21222	PartyIdInvestment-DecisionMaker-Qualifier	N	1	99	unsigned int	<p>Qualifier for field PartyIdInvestment-DecisionMaker. Members/participants will have the possibility to specify an Investment qualifier value to distinguish between natural persons and Algos.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algo</td> </tr> <tr> <td>24</td> <td>Human/Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algo	24	Human/Natural person		
Value	Description													
22	Algo													
24	Human/Natural person													
25124	ExecutingTrader-Qualifier	Y	1	100	unsigned int	<p>Qualifier for field ExecutingTrader. It is required to distinguish between natural persons and Algos.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algo</td> </tr> <tr> <td>24</td> <td>Human/Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algo	24	Human/Natural person		
Value	Description													
22	Algo													
24	Human/Natural person													
39030	Pad3	U	3	101	Fixed String	not used								

7.4 New Order Single (short layout)

This short order message layout is used by the participant to submit an order in a simple instrument. Selected order attributes are implicitly set. For more details, please refer to the ETI Manual, chapter Short Order Message Layouts. This message is sent to the service “Order and Quote Management”.



Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderIn></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplatID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10125 (NewOrderSingle, MsgType = D)
25028	NetworkMsgID	U	8	6	Fixed String	not used
39020	Pad2	U	2	14	Fixed String	not used
<i><RequestHeader></i>						
34	MsgSeqNum	Y	4	16	unsigned int	Message sequence number used by the participant for requests sent to the gateway.
50	SenderSubID	Y	4	20	unsigned int	User ID.
<i><Message Body></i>						
44	Price	Y	8	24	PriceType	Limit price.
38	OrderQty	Y	8	32	Qty	Total Order Quantity.
11	ClOrdID	Y	8	40	unsigned int	Client Order ID: Unique participant defined order request identifier; used for client order id chaining.

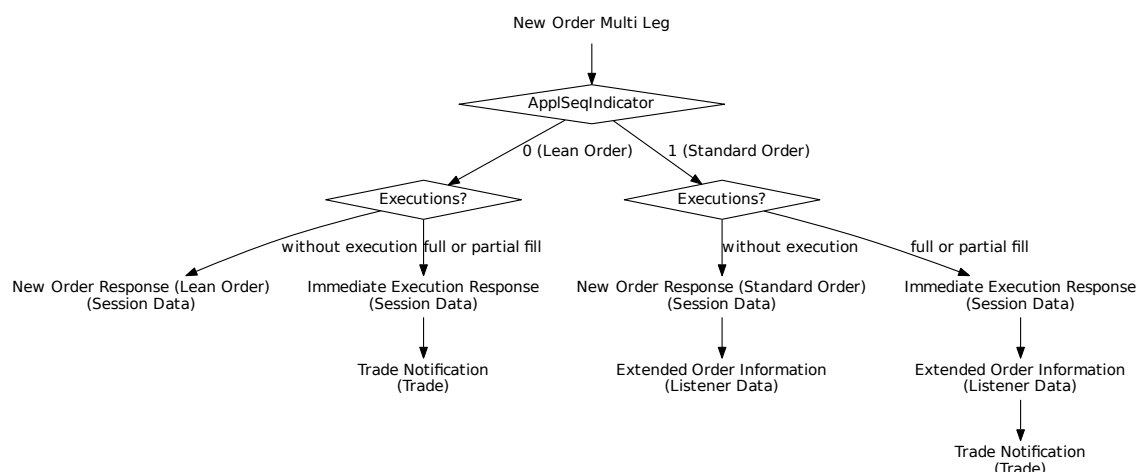
Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
20003	PartyIDClientID	N	8	48	unsigned int	Client Identifier field (ESMA Field 3 (Section A))used to identify the client of an order for agent account of the member or participant of the trading venue. If the Client Identifier field is not provided for agent orders, then they will be rejected. For orders sent with Trading Capacity Proprietary or Market Making, the Client Identifier field may remain empty.						
20122	PartyIDInvestment-DecisionMaker	N	8	56	unsigned int	Investment decision within firm (ESMA Field 4 (Section A)) is the code used to identify the person or the algorithm within the member or participant of the Trading Venue who is responsible for the investment decision.						
25123	ExecutingTrader	N	8	64	unsigned int	Executing Trader data Field(ESMA Field 5 (Section A))used to identify the person or algorithm within the member or participant of the trading venue who is responsible for the execution of the transaction resulting from the order.						
30048	SimpleSecurityID	Y	4	72	unsigned int	Instrument identifier for simple instruments. Should be filled with the 4 least significant bytes of SecurityID (48) provided in T7 RDI and T7 RDF reference data.						
28744	MatchInstCrossID	N	4	76	unsigned int	Self Match Prevention ID.						
25033	EnrichmentRuleID	N	2	80	unsigned int	Identifies an enrichment rule						
54	Side	Y	1	82	unsigned int	Side of the order. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </tbody> </table>	Value	Description	1	Buy	2	Sell
Value	Description											
1	Buy											
2	Sell											
28703	ApplSeqIndicator	Y	1	83	unsigned int	Indicates if the order is a Lean Order or a Standard Order. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No Recovery Required</td> </tr> <tr> <td>1</td> <td>Recovery Required</td> </tr> </tbody> </table>	Value	Description	0	No Recovery Required	1	Recovery Required
Value	Description											
0	No Recovery Required											
1	Recovery Required											

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description										
28710	PriceValidityCheck- Type	Y	1	84	unsigned int	Indicator how price validity check should be performed by the exchange (see the ETI Manual, chapter Price Reasonability Check). <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>None</td> </tr> <tr> <td>1</td> <td>Optional</td> </tr> <tr> <td>2</td> <td>Mandatory</td> </tr> </tbody> </table>	Value	Description	0	None	1	Optional	2	Mandatory		
Value	Description															
0	None															
1	Optional															
2	Mandatory															
25126	ValueCheckTypeValue	Y	1	85	unsigned int	Indicator for checking the maximum order/quote value by the exchange. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Do not check</td> </tr> <tr> <td>1</td> <td>Check</td> </tr> </tbody> </table>	Value	Description	0	Do not check	1	Check				
Value	Description															
0	Do not check															
1	Check															
23002	OrderAttribute- LiquidityProvision	Y	1	86	unsigned int	Indication as to whether an order is submitted to a Trading Venue as part of a market making strategy. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Liquidity provision</td> </tr> <tr> <td>0</td> <td>No liquidity provision</td> </tr> </tbody> </table>	Value	Description	1	Liquidity provision	0	No liquidity provision				
Value	Description															
1	Liquidity provision															
0	No liquidity provision															
59	TimelnForce	Y	1	87	unsigned int	Execution and trading restriction parameters supported by T7. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Day (GFD)</td> </tr> <tr> <td>1</td> <td>Good Till Cancelled (GTC)</td> </tr> <tr> <td>3</td> <td>Immediate or Cancel (IOC)</td> </tr> </tbody> </table>	Value	Description	0	Day (GFD)	1	Good Till Cancelled (GTC)	3	Immediate or Cancel (IOC)		
Value	Description															
0	Day (GFD)															
1	Good Till Cancelled (GTC)															
3	Immediate or Cancel (IOC)															
18	Execlnst	Y	1	88	unsigned int	Instructions for order handling. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Persistent Order (FIX value 'H')</td> </tr> <tr> <td>2</td> <td>Non-persistent Order (FIX value 'Q')</td> </tr> <tr> <td>5</td> <td>Persistent and Book or Cancel order (FIX value 'H 6')</td> </tr> <tr> <td>6</td> <td>Non-persistent and Book or Cancel order (FIX value 'Q 6')</td> </tr> </tbody> </table>	Value	Description	1	Persistent Order (FIX value 'H')	2	Non-persistent Order (FIX value 'Q')	5	Persistent and Book or Cancel order (FIX value 'H 6')	6	Non-persistent and Book or Cancel order (FIX value 'Q 6')
Value	Description															
1	Persistent Order (FIX value 'H')															
2	Non-persistent Order (FIX value 'Q')															
5	Persistent and Book or Cancel order (FIX value 'H 6')															
6	Non-persistent and Book or Cancel order (FIX value 'Q 6')															

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description								
1815	TradingCapacity	Y	1	89	unsigned int	<p>This field designates if the trader is acting in the capacity of agent, trading for its own account or acting as a market maker.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Customer (Agency)</td> </tr> <tr> <td>5</td> <td>Principal (Proprietary)</td> </tr> <tr> <td>6</td> <td>MarketMaker</td> </tr> </tbody> </table>	Value	Description	1	Customer (Agency)	5	Principal (Proprietary)	6	MarketMaker
Value	Description													
1	Customer (Agency)													
5	Principal (Proprietary)													
6	MarketMaker													
21222	PartyIdInvestment-DecisionMaker-Qualifier	N	1	90	unsigned int	<p>Qualifier for field PartyIdInvestment-DecisionMaker. Members/participants will have the possibility to specify an Investment qualifier value to distinguish between natural persons and Algos.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algo</td> </tr> <tr> <td>24</td> <td>Human/Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algo	24	Human/Natural person		
Value	Description													
22	Algo													
24	Human/Natural person													
25124	ExecutingTrader-Qualifier	Y	1	91	unsigned int	<p>Qualifier for field ExecutingTrader. It is required to distinguish between natural persons and Algos.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algo</td> </tr> <tr> <td>24</td> <td>Human/Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algo	24	Human/Natural person		
Value	Description													
22	Algo													
24	Human/Natural person													
39040	Pad4	U	4	92	Fixed String	not used								

7.5 New Order Multi Leg

The New Order Multi Leg message is provided to submit orders for securities that are made up of multiple securities, known as "legs". For more details, please refer to the ETI Manual, chapter Order Types. This message is sent to the service "Order and Quote Management".



Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderIn></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10113 (NewOrder-Multileg, MsgType = AB)
25028	NetworkMsgID	U	8	6	Fixed String	not used
39020	Pad2	U	2	14	Fixed String	not used
<i><RequestHeader></i>						
34	MsgSeqNum	Y	4	16	unsigned int	Message sequence number used by the participant for requests sent to the gateway.
50	SenderSubID	Y	4	20	unsigned int	User ID.
<i><Message Body></i>						
11	ClOrdID	N	8	24	unsigned int	Client Order ID: Unique participant defined order request identifier; used for client order id chaining.
48	SecurityID	Y	8	32	signed int	Instrument identifier.
44	Price	Y	8	40	PriceType	Limit price. Required if OrdType (40) is Limit (2) or Stop Limit (4).
38	OrderQty	Y	8	48	Qty	Total Order Quantity.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
20003	PartyIDClientID	N	8	56	unsigned int	Client Identifier field (ESMA Field 3 (Section A))used to identify the client of an order for agent account of the member or participant of the trading venue. If the Client Identifier field is not provided for agent orders, then they will be rejected. For orders sent with Trading Capacity Proprietary or Market Making, the Client Identifier field may remain empty.						
20122	PartyIDInvestment-DecisionMaker	N	8	64	unsigned int	Investment decision within firm (ESMA Field 4 (Section A)) is the code used to identify the person or the algorithm within the member or participant of the Trading Venue who is responsible for the investment decision.						
25123	ExecutingTrader	N	8	72	unsigned int	Executing Trader data Field(ESMA Field 5 (Section A))used to identify the person or algorithm within the member or participant of the trading venue who is responsible for the execution of the transaction resulting from the order.						
1300	MarketSegmentID	Y	4	80	signed int	Product identifier.						
432	ExpireDate	N	4	84	LocalMktDate	Date of order expiry. Required if Time-InForce (59) = 6.						
28744	MatchInstCrossID	N	4	88	unsigned int	Self Match Prevention ID.						
20096	PartyIDTakeUp-TradingFirm	N	5	92	Fixed String	Take-up Member Short Name. Valid characters: A-Z,0-9,\x20						
20013	PartyIDOrder-OriginationFirm	N	7	97	Fixed String	External Member ID. Valid characters: A-Z,0-9,\x20						
20032	PartyIDBeneficiary	N	9	104	Fixed String	Final Beneficiary Valid characters: A-Z,0-9,\x20						
28703	ApplSeqIndicator	Y	1	113	unsigned int	Indicates if the order is a Lean Order or a Standard Order. <table border="1" data-bbox="991 1839 1409 1966"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No Recovery Required</td> </tr> <tr> <td>1</td> <td>Recovery Required</td> </tr> </tbody> </table>	Value	Description	0	No Recovery Required	1	Recovery Required
Value	Description											
0	No Recovery Required											
1	Recovery Required											

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description																		
1227	ProductComplex	Y	1	114	unsigned int	<p>This field qualifies an instrument type on T7.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Standard Option Strategy</td> </tr> <tr> <td>3</td> <td>Non-Standard Option Strategy</td> </tr> <tr> <td>4</td> <td>Volatility Strategy</td> </tr> <tr> <td>5</td> <td>Futures Spread</td> </tr> <tr> <td>6</td> <td>Inter-Product Spread</td> </tr> <tr> <td>7</td> <td>Standard Future Strategy</td> </tr> <tr> <td>8</td> <td>Pack and Bundle</td> </tr> <tr> <td>9</td> <td>Strip</td> </tr> </tbody> </table>	Value	Description	2	Standard Option Strategy	3	Non-Standard Option Strategy	4	Volatility Strategy	5	Futures Spread	6	Inter-Product Spread	7	Standard Future Strategy	8	Pack and Bundle	9	Strip
Value	Description																							
2	Standard Option Strategy																							
3	Non-Standard Option Strategy																							
4	Volatility Strategy																							
5	Futures Spread																							
6	Inter-Product Spread																							
7	Standard Future Strategy																							
8	Pack and Bundle																							
9	Strip																							
54	Side	Y	1	115	unsigned int	<p>Side of the order.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </tbody> </table>	Value	Description	1	Buy	2	Sell												
Value	Description																							
1	Buy																							
2	Sell																							
40	OrdType	Y	1	116	unsigned int	<p>Order type.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Limit</td> </tr> </tbody> </table>	Value	Description	2	Limit														
Value	Description																							
2	Limit																							
28710	PriceValidityCheck-Type	Y	1	117	unsigned int	<p>Indicator how price validity check should be performed by the exchange (see the ETI Manual, chapter Price Reasonability Check).</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>None</td> </tr> <tr> <td>1</td> <td>Optional</td> </tr> <tr> <td>2</td> <td>Mandatory</td> </tr> </tbody> </table>	Value	Description	0	None	1	Optional	2	Mandatory										
Value	Description																							
0	None																							
1	Optional																							
2	Mandatory																							
25126	ValueCheckTypeValue	Y	1	118	unsigned int	<p>Indicator for checking the maximum order/quote value by the exchange.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Do not check</td> </tr> <tr> <td>1</td> <td>Check</td> </tr> </tbody> </table>	Value	Description	0	Do not check	1	Check												
Value	Description																							
0	Do not check																							
1	Check																							

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description										
23002	OrderAttribute-LiquidityProvision	Y	1	119	unsigned int	<p>Indication as to whether an order is submitted to a Trading Venue as part of a market making strategy.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Liquidity provision</td> </tr> <tr> <td>0</td> <td>No liquidity provision</td> </tr> </tbody> </table>	Value	Description	1	Liquidity provision	0	No liquidity provision				
Value	Description															
1	Liquidity provision															
0	No liquidity provision															
23003	OrderAttributeRisk-Reduction	N	1	120	unsigned int	<p>Indication as to whether the transaction reduces risk in an objectively measurable way in accordance with Article 57 of Directive 2014/EU. The field is only applicable for commodity derivative transactions.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Risk reduction</td> </tr> <tr> <td>0</td> <td>No risk reduction</td> </tr> </tbody> </table>	Value	Description	1	Risk reduction	0	No risk reduction				
Value	Description															
1	Risk reduction															
0	No risk reduction															
18	Execlnst	Y	1	121	unsigned int	<p>Instructions for order handling.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Persistent Order (FIX value 'H')</td> </tr> <tr> <td>2</td> <td>Non-persistent Order (FIX value 'Q')</td> </tr> </tbody> </table>	Value	Description	1	Persistent Order (FIX value 'H')	2	Non-persistent Order (FIX value 'Q')				
Value	Description															
1	Persistent Order (FIX value 'H')															
2	Non-persistent Order (FIX value 'Q')															
59	TimelnForce	Y	1	122	unsigned int	<p>Execution and trading restriction parameters supported by T7.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Day (GFD)</td> </tr> <tr> <td>1</td> <td>Good Till Cancelled (GTC)</td> </tr> <tr> <td>3</td> <td>Immediate or Cancel (IOC)</td> </tr> <tr> <td>6</td> <td>Good Till Date (GTD) - Standard Orders only</td> </tr> </tbody> </table>	Value	Description	0	Day (GFD)	1	Good Till Cancelled (GTC)	3	Immediate or Cancel (IOC)	6	Good Till Date (GTD) - Standard Orders only
Value	Description															
0	Day (GFD)															
1	Good Till Cancelled (GTC)															
3	Immediate or Cancel (IOC)															
6	Good Till Date (GTD) - Standard Orders only															

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description								
1815	TradingCapacity	Y	1	123	unsigned int	<p>This field designates if the trader is acting in the capacity of agent, trading for its own account or acting as a market maker.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Customer (Agency)</td> </tr> <tr> <td>5</td> <td>Principal (Proprietary)</td> </tr> <tr> <td>6</td> <td>MarketMaker</td> </tr> </tbody> </table>	Value	Description	1	Customer (Agency)	5	Principal (Proprietary)	6	MarketMaker
Value	Description													
1	Customer (Agency)													
5	Principal (Proprietary)													
6	MarketMaker													
21222	PartyIdInvestment-DecisionMaker-Qualifier	N	1	124	unsigned int	<p>Qualifier for field PartyIdInvestment-DecisionMaker. Members/participants will have the possibility to specify an Investment qualifier value to distinguish between natural persons and Algos.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algo</td> </tr> <tr> <td>24</td> <td>Human/Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algo	24	Human/Natural person		
Value	Description													
22	Algo													
24	Human/Natural person													
25124	ExecutingTrader-Qualifier	Y	1	125	unsigned int	<p>Qualifier for field ExecutingTrader. It is required to distinguish between natural persons and Algos.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algo</td> </tr> <tr> <td>24</td> <td>Human/Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algo	24	Human/Natural person		
Value	Description													
22	Algo													
24	Human/Natural person													
20075	PartyIDLocationID	N	2	126	Fixed String	<p>Country code. Valid characters: \x01-\x7E</p>								
2404	ComplianceText	N	20	128	Fixed String	<p>This field is used to provide additional regulatory information (according to respective rules & regs, circulars and/or bilateral coordination between participant and Trading Surveillance Office).</p> <p>Valid characters: \x20,\x22-\x7B,\x7D,\x7E</p>								

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
1031	CustOrderHandling-Inst	N	1	148	Fixed String	Identifies the source of an order, in accordance with the FIA guidelines for a rate Identifier. The field is for participant use only. Valid characters: \x20,\x22-\x7B,\x7D,\x7E
20038	PartyIDPosition-Account	N	32	149	Fixed String	'Flexible Account' information. Valid characters: \x20,\x30-\x39,\x41-\x5A
25007	FreeText1	N	12	181	Fixed String	First free-format text field for trader-specific or customer-related comments. Valid characters: \x20,\x23-\x25,\x28-\x2A,\x2C-\x3B,\x3F,\x41-\x5F,\x61-\x7B,\x7D,\x7E
25008	FreeText2	N	12	193	Fixed String	Second free-format text field for trader-specific or customer-related comments. Will not be forwarded to CCP for cash markets. Valid characters: \x20,\x23-\x25,\x28-\x2A,\x2C-\x3B,\x3F,\x41-\x5F,\x61-\x7B,\x7D,\x7E
25009	FreeText3	N	12	205	Fixed String	Third free-format text field for trader-specific or customer-related comments. Valid characters: \x20,\x23-\x25,\x28-\x2A,\x2C-\x3B,\x3F,\x41-\x5F,\x61-\x7B,\x7D,\x7E
30011	FIXCOrdID	N	20	217	Fixed String	User defined client order ID Valid characters: \x20-\x7E
555	NoLegs	Y	1	237	Counter	Number of LegOrd repeating group instances.
39020	Pad2	U	2	238	Fixed String	not used
<LegOrdGrp>						Cardinality: 0-20, Record counter: NoLegs
2680	>LegAccount	N	2	240	Fixed String	Leg-specific account to book trades and keep positions on. Valid characters: 1-9,\x41,\x47,\x4D,\x50

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
564	>LegPositionEffect	Y	1	242	char	Leg-specific field used for T7 position management purposes and indicates whether the leg is submitted to open or close a position. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>C</td> <td>Close</td> </tr> <tr> <td>O</td> <td>Open</td> </tr> </tbody> </table>	Value	Description	C	Close	O	Open
Value	Description											
C	Close											
O	Open											
39050	>Pad5	U	5	243	Fixed String	not used						

7.6 New Order Response (Standard Order)

This message confirms a New Order request for a Standard Order. For more details, please refer to the ETI Manual, chapter Order Status and Execution Reports.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description				
<i><MessageHeaderOut></i>										
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.				
28500	TemplatelD	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10101 (Execution-Report, MsgType = 8)				
39020	Pad2	U	2	6	Fixed String	not used				
<i><ResponseHeaderME></i>										
5979	RequestTime	Y	8	8	UTCTimestamp	Gateway request in timestamp.				
21002	TrdRegTSTimeIn	Y	8	16	UTCTimestamp	Matching engine in timestamp.				
21003	TrdRegTSTimeOut	Y	8	24	UTCTimestamp	Matching engine out timestamp.				
7765	ResponseIn	Y	8	32	UTCTimestamp	Timestamp the gateway receives a message from the Matching Engine				
52	SendingTime	Y	8	40	UTCTimestamp	Gateway response out timestamp.				
34	MsgSeqNum	Y	4	48	unsigned int	Message sequence number used by the participant for requests sent to the gateway.				
5948	PartitionID	Y	2	52	unsigned int	Grouping of T7 products. Belongs to the scope of Service Availability and Retransmit requests.				
1180	ApplID	Y	1	54	unsigned int	Identifier for an ETI data stream. <table border="1" data-bbox="991 1397 1409 1485"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>Session Data</td> </tr> </tbody> </table>	Value	Description	4	Session Data
Value	Description									
4	Session Data									
28704	ApplMsgID	Y	16	55	data	Application message identifier assigned to an order or quote event.				
893	LastFragment	Y	1	71	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1" data-bbox="991 1762 1409 1850"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	1	Last Message
Value	Description									
1	Last Message									
<i><Message Body></i>										
37	OrderID	Y	8	72	unsigned int	Exchange Order ID generated by the T7 System; it remains constant over the lifetime of an order.				

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description										
11	CIOrdID	N	8	80	unsigned int	Client Order ID: Unique participant defined order request identifier; used for client order id chaining.										
48	SecurityID	Y	8	88	signed int	Instrument identifier.										
17	ExecID	Y	8	96	UTCTimestamp	Transaction timestamp.										
21009	TrdRegTSEntryTime	Y	8	104	UTCTimestamp	The entry timestamp is the time of the creation of the order.										
21008	TrdRegTSTime-Priority	Y	8	112	UTCTimestamp	Priority timestamp.										
39	OrdStatus	Y	1	120	char	Conveys the current status of an order. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>New</td> </tr> <tr> <td>4</td> <td>Cancelled</td> </tr> <tr> <td>9</td> <td>Suspended</td> </tr> </tbody> </table>	Value	Description	0	New	4	Cancelled	9	Suspended		
Value	Description															
0	New															
4	Cancelled															
9	Suspended															
150	ExecType	Y	1	121	char	The reason why this message was generated. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>New</td> </tr> <tr> <td>4</td> <td>Cancelled</td> </tr> <tr> <td>L</td> <td>Triggered</td> </tr> </tbody> </table>	Value	Description	0	New	4	Cancelled	L	Triggered		
Value	Description															
0	New															
4	Cancelled															
L	Triggered															
378	ExecRestatement-Reason	Y	2	122	unsigned int	Code to further qualify the field Exec-Type (150) of the Execution Report (8) message. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>101</td> <td>Order add accepted</td> </tr> <tr> <td>105</td> <td>IOC Order accepted</td> </tr> <tr> <td>212</td> <td>Book or Cancel Order accepted</td> </tr> <tr> <td>114</td> <td>Order has been changed to IOC</td> </tr> </tbody> </table>	Value	Description	101	Order add accepted	105	IOC Order accepted	212	Book or Cancel Order accepted	114	Order has been changed to IOC
Value	Description															
101	Order add accepted															
105	IOC Order accepted															
212	Book or Cancel Order accepted															
114	Order has been changed to IOC															
2523	CrossedIndicator	Y	1	124	unsigned int	Indicates SMP involvement. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No crossing (Order not subject to crossing)</td> </tr> <tr> <td>1</td> <td>Cross rejected (Order subject to crossing and match prevented)</td> </tr> </tbody> </table>	Value	Description	0	No crossing (Order not subject to crossing)	1	Cross rejected (Order subject to crossing and match prevented)				
Value	Description															
0	No crossing (Order not subject to crossing)															
1	Cross rejected (Order subject to crossing and match prevented)															

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description																				
1227	ProductComplex	Y	1	125	unsigned int	This field qualifies an instrument type on T7. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Simple instrument</td> </tr> <tr> <td>2</td> <td>Standard Option Strategy</td> </tr> <tr> <td>3</td> <td>Non-Standard Option Strategy</td> </tr> <tr> <td>4</td> <td>Volatility Strategy</td> </tr> <tr> <td>5</td> <td>Futures Spread</td> </tr> <tr> <td>6</td> <td>Inter-Product Spread</td> </tr> <tr> <td>7</td> <td>Standard Future Strategy</td> </tr> <tr> <td>8</td> <td>Pack and Bundle</td> </tr> <tr> <td>9</td> <td>Strip</td> </tr> </tbody> </table>	Value	Description	1	Simple instrument	2	Standard Option Strategy	3	Non-Standard Option Strategy	4	Volatility Strategy	5	Futures Spread	6	Inter-Product Spread	7	Standard Future Strategy	8	Pack and Bundle	9	Strip
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6	Inter-Product Spread																									
7	Standard Future Strategy																									
8	Pack and Bundle																									
9	Strip																									
1823	Triggered	Y	1	126	unsigned int	Indicates if an order has been previously triggered. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Not Triggered</td> </tr> <tr> <td>1</td> <td>Triggered Stop</td> </tr> <tr> <td>2</td> <td>Triggered OCO</td> </tr> </tbody> </table>	Value	Description	0	Not Triggered	1	Triggered Stop	2	Triggered OCO												
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0	Not Triggered																									
1	Triggered Stop																									
2	Triggered OCO																									
25159	TransactionDelay-Indicator	Y	1	127	unsigned int	Indicator for a delayed transaction <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Transaction not delayed</td> </tr> <tr> <td>1</td> <td>Transaction delayed</td> </tr> </tbody> </table>	Value	Description	0	Transaction not delayed	1	Transaction delayed														
Value	Description																									
0	Transaction not delayed																									
1	Transaction delayed																									

7.7 New Order Response (Lean Order)

This message confirms a New Order request for a Lean Order. For more details, please refer to the ETI Manual, chapter Order Status and Execution Reports.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description				
<i><MessageHeaderOut></i>										
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.				
28500	TemplatelD	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10102 (Execution-Report, MsgType = 8)				
39020	Pad2	U	2	6	Fixed String	not used				
<i><NRResponseHeaderME></i>										
5979	RequestTime	Y	8	8	UTCTimestamp	Gateway request in timestamp.				
21002	TrdRegTSTimeIn	Y	8	16	UTCTimestamp	Matching engine in timestamp.				
21003	TrdRegTSTimeOut	Y	8	24	UTCTimestamp	Matching engine out timestamp.				
7765	ResponseIn	Y	8	32	UTCTimestamp	Timestamp the gateway receives a message from the Matching Engine				
52	SendingTime	Y	8	40	UTCTimestamp	Gateway response out timestamp.				
34	MsgSeqNum	Y	4	48	unsigned int	Message sequence number used by the participant for requests sent to the gateway.				
893	LastFragment	Y	1	52	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1" data-bbox="991 1397 1409 1485"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	1	Last Message
Value	Description									
1	Last Message									
39030	Pad3	U	3	53	Fixed String	not used				
<i><Message Body></i>										
37	OrderID	Y	8	56	unsigned int	Exchange Order ID generated by the T7 System; it remains constant over the lifetime of an order.				
11	ClOrdID	N	8	64	unsigned int	Client Order ID: Unique participant defined order request identifier; used for client order id chaining.				
48	SecurityID	Y	8	72	signed int	Instrument identifier.				
17	ExecID	Y	8	80	UTCTimestamp	Transaction timestamp.				

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description										
39	OrdStatus	Y	1	88	char	<p>Conveys the current status of an order.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>New</td> </tr> <tr> <td>4</td> <td>Cancelled</td> </tr> <tr> <td>9</td> <td>Suspended</td> </tr> </tbody> </table>	Value	Description	0	New	4	Cancelled	9	Suspended		
Value	Description															
0	New															
4	Cancelled															
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150	ExecType	Y	1	89	char	<p>The reason why this message was generated.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>New</td> </tr> <tr> <td>4</td> <td>Cancelled</td> </tr> <tr> <td>L</td> <td>Triggered</td> </tr> </tbody> </table>	Value	Description	0	New	4	Cancelled	L	Triggered		
Value	Description															
0	New															
4	Cancelled															
L	Triggered															
378	ExecRestatement-Reason	Y	2	90	unsigned int	<p>Code to further qualify the field ExecType (150) of the Execution Report (8) message.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>101</td> <td>Order add accepted</td> </tr> <tr> <td>105</td> <td>IOC Order accepted</td> </tr> <tr> <td>212</td> <td>Book or Cancel Order accepted</td> </tr> <tr> <td>114</td> <td>Order has been changed to IOC</td> </tr> </tbody> </table>	Value	Description	101	Order add accepted	105	IOC Order accepted	212	Book or Cancel Order accepted	114	Order has been changed to IOC
Value	Description															
101	Order add accepted															
105	IOC Order accepted															
212	Book or Cancel Order accepted															
114	Order has been changed to IOC															
2523	CrossedIndicator	Y	1	92	unsigned int	<p>Indicates SMP involvement.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No crossing (Order not subject to crossing)</td> </tr> <tr> <td>1</td> <td>Cross rejected (Order subject to crossing and match prevented)</td> </tr> </tbody> </table>	Value	Description	0	No crossing (Order not subject to crossing)	1	Cross rejected (Order subject to crossing and match prevented)				
Value	Description															
0	No crossing (Order not subject to crossing)															
1	Cross rejected (Order subject to crossing and match prevented)															

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description																				
1227	ProductComplex	Y	1	93	unsigned int	<p>This field qualifies an instrument type on T7.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Simple instrument</td> </tr> <tr> <td>2</td> <td>Standard Option Strategy</td> </tr> <tr> <td>3</td> <td>Non-Standard Option Strategy</td> </tr> <tr> <td>4</td> <td>Volatility Strategy</td> </tr> <tr> <td>5</td> <td>Futures Spread</td> </tr> <tr> <td>6</td> <td>Inter-Product Spread</td> </tr> <tr> <td>7</td> <td>Standard Future Strategy</td> </tr> <tr> <td>8</td> <td>Pack and Bundle</td> </tr> <tr> <td>9</td> <td>Strip</td> </tr> </tbody> </table>	Value	Description	1	Simple instrument	2	Standard Option Strategy	3	Non-Standard Option Strategy	4	Volatility Strategy	5	Futures Spread	6	Inter-Product Spread	7	Standard Future Strategy	8	Pack and Bundle	9	Strip
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1823	Triggered	Y	1	94	unsigned int	<p>Indicates if an order has been previously triggered.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Not Triggered</td> </tr> <tr> <td>1</td> <td>Triggered Stop</td> </tr> <tr> <td>2</td> <td>Triggered OCO</td> </tr> </tbody> </table>	Value	Description	0	Not Triggered	1	Triggered Stop	2	Triggered OCO												
Value	Description																									
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1	Triggered Stop																									
2	Triggered OCO																									
25159	TransactionDelay-Indicator	Y	1	95	unsigned int	<p>Indicator for a delayed transaction</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Transaction not delayed</td> </tr> <tr> <td>1</td> <td>Transaction delayed</td> </tr> </tbody> </table>	Value	Description	0	Transaction not delayed	1	Transaction delayed														
Value	Description																									
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1	Transaction delayed																									

7.8 Immediate Execution Response

This message informs about the immediate execution of an incoming order or the execution of a book order due to a replace request. For more details, please refer to the ETI Manual, chapter Order Status and Execution Reports.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
<i><MessageHeaderOut></i>												
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.						
28500	TemplatID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10103 (Execution-Report, MsgType = 8)						
39020	Pad2	U	2	6	Fixed String	not used						
<i><ResponseHeaderME></i>												
5979	RequestTime	Y	8	8	UTCTimestamp	Gateway request in timestamp.						
21002	TrdRegTSTimeIn	Y	8	16	UTCTimestamp	Matching engine in timestamp.						
21003	TrdRegTSTimeOut	Y	8	24	UTCTimestamp	Matching engine out timestamp.						
7765	ResponseIn	Y	8	32	UTCTimestamp	Timestamp the gateway receives a message from the Matching Engine						
52	SendingTime	Y	8	40	UTCTimestamp	Gateway response out timestamp.						
34	MsgSeqNum	Y	4	48	unsigned int	Message sequence number used by the participant for requests sent to the gateway.						
5948	PartitionID	Y	2	52	unsigned int	Grouping of T7 products. Belongs to the scope of Service Availability and Retransmit requests.						
1180	AppID	Y	1	54	unsigned int	Identifier for an ETI data stream. <table border="1" data-bbox="991 1435 1409 1525"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>Session Data</td> </tr> </tbody> </table>	Value	Description	4	Session Data		
Value	Description											
4	Session Data											
28704	AppMsgID	N	16	55	data	Not set if the submitting session is not the owner of the executed order.						
893	LastFragment	Y	1	71	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1" data-bbox="991 1800 1409 1928"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Not Last Message</td> </tr> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	0	Not Last Message	1	Last Message
Value	Description											
0	Not Last Message											
1	Last Message											
<i><Message Body></i>												
37	OrderID	Y	8	72	unsigned int	Exchange Order ID generated by the T7 System; it remains constant over the lifetime of an order.						

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description												
11	CIOrdID	N	8	80	unsigned int	Client Order ID: Unique participant defined order request identifier; used for client order id chaining.												
41	OrigCIOrdID	N	8	88	unsigned int	CIOrdID (11) of the last successfully processed task (request) referring to the specific order.												
48	SecurityID	Y	8	96	signed int	Instrument identifier.												
17	ExecID	Y	8	104	UTCTimestamp	Transaction timestamp.												
21009	TrdRegTSEntryTime	N	8	112	UTCTimestamp	The entry timestamp is the time of the creation of the order.												
21008	TrdRegTSTime-Priority	N	8	120	UTCTimestamp	Priority timestamp.												
151	LeavesQty	Y	8	128	Qty	Remaining quantity of an order.												
14	CumQty	Y	8	136	Qty	Cumulated executed quantity of an order.												
84	CxlQty	Y	8	144	Qty	Total quantity cancelled for this order.												
1300	MarketSegmentID	Y	4	152	signed int	Product identifier.												
30555	NoLegExecs	Y	2	156	Counter	Number of InstrmntLegExec repeating group instances.												
378	ExecRestatement-Reason	Y	2	158	unsigned int	Code to further qualify the field ExecType (150) of the Execution Report (8) message. <table border="1" data-bbox="991 1294 1409 1592"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>101</td> <td>Order add accepted</td> </tr> <tr> <td>102</td> <td>Order modify accepted</td> </tr> <tr> <td>105</td> <td>IOC Order accepted</td> </tr> <tr> <td>181</td> <td>Ownership Changed</td> </tr> <tr> <td>114</td> <td>Order has been changed to IOC</td> </tr> </tbody> </table>	Value	Description	101	Order add accepted	102	Order modify accepted	105	IOC Order accepted	181	Ownership Changed	114	Order has been changed to IOC
Value	Description																	
101	Order add accepted																	
102	Order modify accepted																	
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181	Ownership Changed																	
114	Order has been changed to IOC																	
54	Side	Y	1	160	unsigned int	Side of the order. <table border="1" data-bbox="991 1666 1409 1794"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </tbody> </table>	Value	Description	1	Buy	2	Sell						
Value	Description																	
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2	Sell																	

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description																				
1227	ProductComplex	Y	1	161	unsigned int	<p>This field qualifies an instrument type on T7.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Simple instrument</td> </tr> <tr> <td>2</td> <td>Standard Option Strategy</td> </tr> <tr> <td>3</td> <td>Non-Standard Option Strategy</td> </tr> <tr> <td>4</td> <td>Volatility Strategy</td> </tr> <tr> <td>5</td> <td>Futures Spread</td> </tr> <tr> <td>6</td> <td>Inter-Product Spread</td> </tr> <tr> <td>7</td> <td>Standard Future Strategy</td> </tr> <tr> <td>8</td> <td>Pack and Bundle</td> </tr> <tr> <td>9</td> <td>Strip</td> </tr> </tbody> </table>	Value	Description	1	Simple instrument	2	Standard Option Strategy	3	Non-Standard Option Strategy	4	Volatility Strategy	5	Futures Spread	6	Inter-Product Spread	7	Standard Future Strategy	8	Pack and Bundle	9	Strip
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7	Standard Future Strategy																									
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9	Strip																									
39	OrdStatus	Y	1	162	char	<p>Conveys the current status of an order.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Partially filled</td> </tr> <tr> <td>2</td> <td>Filled</td> </tr> <tr> <td>4</td> <td>Cancelled</td> </tr> </tbody> </table>	Value	Description	1	Partially filled	2	Filled	4	Cancelled												
Value	Description																									
1	Partially filled																									
2	Filled																									
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150	ExecType	Y	1	163	char	<p>The reason why this message was generated.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>F</td> <td>Trade</td> </tr> </tbody> </table>	Value	Description	F	Trade																
Value	Description																									
F	Trade																									
1823	Triggered	Y	1	164	unsigned int	<p>Indicates if an order has been previously triggered.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Not Triggered</td> </tr> <tr> <td>1</td> <td>Triggered Stop</td> </tr> <tr> <td>2</td> <td>Triggered OCO</td> </tr> </tbody> </table>	Value	Description	0	Not Triggered	1	Triggered Stop	2	Triggered OCO												
Value	Description																									
0	Not Triggered																									
1	Triggered Stop																									
2	Triggered OCO																									
2523	CrossedIndicator	Y	1	165	unsigned int	<p>Indicates SMP involvement.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No crossing (Order not subject to crossing)</td> </tr> <tr> <td>1</td> <td>Cross rejected (Order subject to crossing and match prevented)</td> </tr> </tbody> </table>	Value	Description	0	No crossing (Order not subject to crossing)	1	Cross rejected (Order subject to crossing and match prevented)														
Value	Description																									
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1	Cross rejected (Order subject to crossing and match prevented)																									

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
25159	TransactionDelay-Indicator	Y	1	166	unsigned int	Indicator for a delayed transaction <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Transaction not delayed</td> </tr> <tr> <td>1</td> <td>Transaction delayed</td> </tr> </tbody> </table>	Value	Description	0	Transaction not delayed	1	Transaction delayed
Value	Description											
0	Transaction not delayed											
1	Transaction delayed											
1362	NoFills	Y	1	167	Counter	Specifies the number of partial fills included in this Execution Report. <i>Cardinality: 0-100, Record counter: NoFills</i>						
<i><FillsGrp></i>												
1364	>FillPx	Y	8	168	PriceType	Price of Fill.						
1365	>FillQty	Y	8	176	Qty	Quantity of Fill.						
28708	>FillMatchID	Y	4	184	unsigned int	Unique identifier for each price level (match step) of a match event; it is used for public trade reporting.						
1363	>FillExecID	Y	4	188	signed int	Private identifier of an order match step event, which can be reconciled with the field SideTradeID (1506) in the Trade Notification.						
1443	>FillLiquidityInd	N	1	192	unsigned int	Indicates whether the order added or removed liquidity. Required only for execution reports generated for fills. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Removed Liquidity</td> </tr> <tr> <td>5</td> <td>Triggered Stop Order</td> </tr> </tbody> </table>	Value	Description	2	Removed Liquidity	5	Triggered Stop Order
Value	Description											
2	Removed Liquidity											
5	Triggered Stop Order											
39070	>Pad7	U	7	193	Fixed String	not used						
<i><InstrmntLegExecGrp></i>						<i>Cardinality: 0-600, Record counter: NoLegExecs</i>						
602	>LegSecurityID	Y	8	0	signed int	Instrument identifier of the leg security.						
637	>LegLastPx	Y	8	8	PriceType	Price of this leg fill.						
1418	>LegLastQty	Y	8	16	Qty	Quantity executed in this leg fill.						
1893	>LegExecID	Y	4	24	signed int	Private identifier of a leg match step, which can be reconciled with the field SideTradeID (1506) in the Trade Notification.						
624	>LegSide	Y	1	28	unsigned int	The side of the individual leg of a strategy as defined in its signature. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </tbody> </table>	Value	Description	1	Buy	2	Sell
Value	Description											
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2	Sell											

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
2421	>FillRefID	Y	1	29	unsigned int	Reference to the corresponding Fills-Grp repeating group instance.
39020	>Pad2	U	2	30	Fixed String	not used

7.9 Book Order Execution

This message informs about the execution of a resting book order. For more details, please refer to the ETI Manual, chapter Order Status and Execution Reports.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
<i><MessageHeaderOut></i>												
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.						
28500	TemplatelD	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10104 (Execution-Report, MsgType = 8)						
39020	Pad2	U	2	6	Fixed String	not used						
<i><RBCHeaderME></i>												
21003	TrdRegTSTimeOut	N	8	8	UTCTimestamp	Matching engine out timestamp.						
25043	NotificationIn	N	8	16	UTCTimestamp	Timestamp the gateway receives a notification message from the Matching Engine						
52	SendingTime	Y	8	24	UTCTimestamp	Gateway response out timestamp.						
28727	ApplSubID	U	4	32	unsigned int	not used						
5948	PartitionID	Y	2	36	unsigned int	Grouping of T7 products. Belongs to the scope of Service Availability and Retransmit requests.						
28704	ApplMsgID	Y	16	38	data	Application message identifier assigned to an order or quote event.						
1180	ApplID	Y	1	54	unsigned int	Identifier for an ETI data stream. <table border="1" data-bbox="991 1355 1409 1442"> <tr> <th>Value</th> <th>Description</th> </tr> <tr> <td>4</td> <td>Session Data</td> </tr> </table>	Value	Description	4	Session Data		
Value	Description											
4	Session Data											
1352	ApplResendFlag	Y	1	55	unsigned int	Indicates a retransmission message. <table border="1" data-bbox="991 1525 1409 1653"> <tr> <th>Value</th> <th>Description</th> </tr> <tr> <td>0</td> <td>False</td> </tr> <tr> <td>1</td> <td>True</td> </tr> </table>	Value	Description	0	False	1	True
Value	Description											
0	False											
1	True											
893	LastFragment	Y	1	56	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1" data-bbox="991 1848 1409 1975"> <tr> <th>Value</th> <th>Description</th> </tr> <tr> <td>0</td> <td>Not Last Message</td> </tr> <tr> <td>1</td> <td>Last Message</td> </tr> </table>	Value	Description	0	Not Last Message	1	Last Message
Value	Description											
0	Not Last Message											
1	Last Message											
39070	Pad7	U	7	57	Fixed String	not used						
<i><Message Body></i>												

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description																		
37	OrderID	Y	8	64	unsigned int	Exchange Order ID generated by the T7 System; it remains constant over the lifetime of an order.																		
11	CIOrdID	N	8	72	unsigned int	Client Order ID: Unique participant defined order request identifier; used for client order id chaining.																		
41	OrigCIOrdID	N	8	80	unsigned int	CIOrdID (11) of the last successfully processed task (request) referring to the specific order.																		
48	SecurityID	Y	8	88	signed int	Instrument identifier.																		
17	ExecID	Y	8	96	UTCTimestamp	Transaction timestamp.																		
151	LeavesQty	Y	8	104	Qty	Remaining quantity of an order.																		
14	CumQty	Y	8	112	Qty	Cumulated executed quantity of an order.																		
84	CxlQty	Y	8	120	Qty	Total quantity cancelled for this order.																		
1300	MarketSegmentID	Y	4	128	signed int	Product identifier.																		
30555	NoLegExecs	Y	2	132	Counter	Number of InstrmntLegExec repeating group instances.																		
378	ExecRestatement-Reason	Y	2	134	unsigned int	Code to further qualify the field ExecType (150) of the Execution Report (8) message. <table border="1" data-bbox="991 1256 1409 1868"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>101</td> <td>Order add accepted</td> </tr> <tr> <td>108</td> <td>Book Order executed</td> </tr> <tr> <td>135</td> <td>Market Order triggered and executed</td> </tr> <tr> <td>164</td> <td>One-cancels-the-other Order has been triggered</td> </tr> <tr> <td>172</td> <td>Stop Order has been triggered</td> </tr> <tr> <td>150</td> <td>Closing Auction Order has been inactivated</td> </tr> <tr> <td>199</td> <td>Pending order cancellation executed (end of FREEZE state)</td> </tr> <tr> <td>181</td> <td>Ownership Changed</td> </tr> </tbody> </table>	Value	Description	101	Order add accepted	108	Book Order executed	135	Market Order triggered and executed	164	One-cancels-the-other Order has been triggered	172	Stop Order has been triggered	150	Closing Auction Order has been inactivated	199	Pending order cancellation executed (end of FREEZE state)	181	Ownership Changed
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181	Ownership Changed																							
54	Side	Y	1	136	unsigned int	Side of the order. <table border="1" data-bbox="991 1944 1409 2069"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </tbody> </table>	Value	Description	1	Buy	2	Sell												
Value	Description																							
1	Buy																							
2	Sell																							

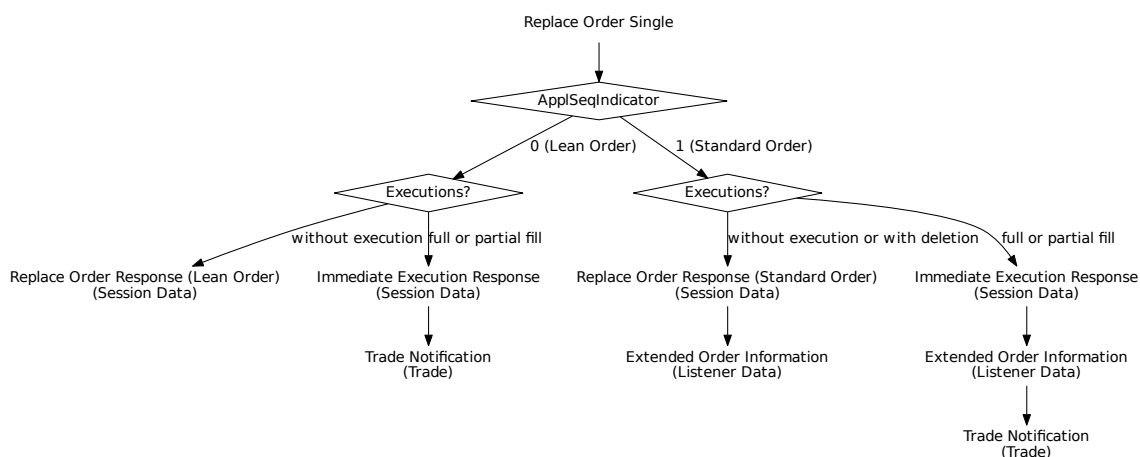
Tag	Field Name	Req'd	Len	Ofs	Data Type	Description																				
1227	ProductComplex	Y	1	137	unsigned int	<p>This field qualifies an instrument type on T7.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Simple instrument</td> </tr> <tr> <td>2</td> <td>Standard Option Strategy</td> </tr> <tr> <td>3</td> <td>Non-Standard Option Strategy</td> </tr> <tr> <td>4</td> <td>Volatility Strategy</td> </tr> <tr> <td>5</td> <td>Futures Spread</td> </tr> <tr> <td>6</td> <td>Inter-Product Spread</td> </tr> <tr> <td>7</td> <td>Standard Future Strategy</td> </tr> <tr> <td>8</td> <td>Pack and Bundle</td> </tr> <tr> <td>9</td> <td>Strip</td> </tr> </tbody> </table>	Value	Description	1	Simple instrument	2	Standard Option Strategy	3	Non-Standard Option Strategy	4	Volatility Strategy	5	Futures Spread	6	Inter-Product Spread	7	Standard Future Strategy	8	Pack and Bundle	9	Strip
Value	Description																									
1	Simple instrument																									
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6	Inter-Product Spread																									
7	Standard Future Strategy																									
8	Pack and Bundle																									
9	Strip																									
39	OrdStatus	Y	1	138	char	<p>Conveys the current status of an order.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Partially filled</td> </tr> <tr> <td>2</td> <td>Filled</td> </tr> <tr> <td>9</td> <td>Suspended</td> </tr> <tr> <td>4</td> <td>Cancelled</td> </tr> </tbody> </table>	Value	Description	1	Partially filled	2	Filled	9	Suspended	4	Cancelled										
Value	Description																									
1	Partially filled																									
2	Filled																									
9	Suspended																									
4	Cancelled																									
150	ExecType	Y	1	139	char	<p>The reason why this message was generated.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>F</td> <td>Trade</td> </tr> <tr> <td>9</td> <td>Suspended</td> </tr> </tbody> </table>	Value	Description	F	Trade	9	Suspended														
Value	Description																									
F	Trade																									
9	Suspended																									
1823	Triggered	Y	1	140	unsigned int	<p>Indicates if an order has been previously triggered.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Not Triggered</td> </tr> <tr> <td>1</td> <td>Triggered Stop</td> </tr> <tr> <td>2</td> <td>Triggered OCO</td> </tr> </tbody> </table>	Value	Description	0	Not Triggered	1	Triggered Stop	2	Triggered OCO												
Value	Description																									
0	Not Triggered																									
1	Triggered Stop																									
2	Triggered OCO																									

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description												
2523	CrossedIndicator	Y	1	141	unsigned int	Indicates SMP involvement. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No crossing (Order not subject to crossing)</td> </tr> <tr> <td>1</td> <td>Cross rejected (Order subject to crossing and match prevented)</td> </tr> </tbody> </table>	Value	Description	0	No crossing (Order not subject to crossing)	1	Cross rejected (Order subject to crossing and match prevented)						
Value	Description																	
0	No crossing (Order not subject to crossing)																	
1	Cross rejected (Order subject to crossing and match prevented)																	
30011	FIXCOrdID	N	20	142	Fixed String	User defined client order ID Valid characters: \x20-\x7E												
1362	NoFills	Y	1	162	Counter	Specifies the number of partial fills included in this Execution Report.												
39050	Pad5	U	5	163	Fixed String	not used												
<FillsGrp>						Cardinality: 0-100, Record counter: NoFills												
1364	>FillPx	Y	8	168	PriceType	Price of Fill.												
1365	>FillQty	Y	8	176	Qty	Quantity of Fill.												
28708	>FillMatchID	Y	4	184	unsigned int	Unique identifier for each price level (match step) of a match event; it is used for public trade reporting.												
1363	>FillExecID	Y	4	188	signed int	Private identifier of an order match step event, which can be reconciled with the field SideTradeID (1506) in the Trade Notification.												
1443	>FillLiquidityInd	N	1	192	unsigned int	Indicates whether the order added or removed liquidity. Required only for execution reports generated for fills. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Added Liquidity</td> </tr> <tr> <td>4</td> <td>Auction</td> </tr> <tr> <td>5</td> <td>Triggered Stop Order</td> </tr> <tr> <td>6</td> <td>Triggered OCO Order</td> </tr> <tr> <td>7</td> <td>Triggered Market Order</td> </tr> </tbody> </table>	Value	Description	1	Added Liquidity	4	Auction	5	Triggered Stop Order	6	Triggered OCO Order	7	Triggered Market Order
Value	Description																	
1	Added Liquidity																	
4	Auction																	
5	Triggered Stop Order																	
6	Triggered OCO Order																	
7	Triggered Market Order																	
39070	>Pad7	U	7	193	Fixed String	not used												
<InstrmntLegExecGrp>						Cardinality: 0-600, Record counter: NoLegExecs												
602	>LegSecurityID	Y	8	0	signed int	Instrument identifier of the leg security.												
637	>LegLastPx	Y	8	8	PriceType	Price of this leg fill.												
1418	>LegLastQty	Y	8	16	Qty	Quantity executed in this leg fill.												

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
1893	>LegExecID	Y	4	24	signed int	Private identifier of a leg match step, which can be reconciled with the field SideTradeID (1506) in the Trade Notification.						
624	>LegSide	Y	1	28	unsigned int	The side of the individual leg of a strategy as defined in its signature. <table border="1" data-bbox="991 622 1410 752"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </tbody> </table>	Value	Description	1	Buy	2	Sell
Value	Description											
1	Buy											
2	Sell											
2421	>FillRefID	Y	1	29	unsigned int	Reference to the corresponding Fills-Grp repeating group instance.						
39020	>Pad2	U	2	30	Fixed String	not used						

7.10 Replace Order Single

This message is used to replace an existing order in a simple instrument. For more details, please refer to the ETI Manual, chapters Modification and Total Order Quantity Modification. This message is sent to the service "Order and Quote Management".



Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderIn></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplatID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10106 (OrderCancelReplaceRequest, MsgType = G)
25028	NetworkMsgID	U	8	6	Fixed String	not used
39020	Pad2	U	2	14	Fixed String	not used
<i><RequestHeader></i>						
34	MsgSeqNum	Y	4	16	unsigned int	Message sequence number used by the participant for requests sent to the gateway.
50	SenderSubID	Y	4	20	unsigned int	User ID.
<i><Message Body></i>						
37	OrderID	N	8	24	unsigned int	Exchange Order ID generated by the T7 System; it remains constant over the lifetime of an order.
11	CIOrdID	N	8	32	unsigned int	Client Order ID: Unique participant defined order request identifier; used for client order id chaining.
41	OrigCIOrdID	N	8	40	unsigned int	CIOrdID (11) of the last successfully processed task (request) referring to the specific order.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
44	Price	N	8	48	PriceType	Limit price. Required if OrdType (40) is Limit (2) or Stop Limit (4).
38	OrderQty	Y	8	56	Qty	Total Order Quantity.
99	StopPx	N	8	64	PriceType	Stop price. Required if OrdType (40) is Stop (3) or used as the trigger price for an One-cancels-the-other order.
20003	PartyIDClientID	N	8	72	unsigned int	Client Identifier field (ESMA Field 3 (Section A))used to identify the client of an order for agent account of the member or participant of the trading venue. If the Client Identifier field is not provided for agent orders, then they will be rejected. For orders sent with Trading Capacity Proprietary or Market Making, the Client Identifier field may remain empty.
20122	PartyIDInvestment-DecisionMaker	N	8	80	unsigned int	Investment decision within firm (ESMA Field 4 (Section A)) is the code used to identify the person or the algorithm within the member or participant of the Trading Venue who is responsible for the investment decision.
25123	ExecutingTrader	N	8	88	unsigned int	Executing Trader data Field(ESMA Field 5 (Section A))used to identify the person or algorithm within the member or participant of the trading venue who is responsible for the execution of the transaction resulting from the order.
432	ExpireDate	N	4	96	LocalMktDate	Date of order expiry. Required if Time-InForce (59) = 6.
1300	MarketSegmentID	Y	4	100	signed int	Product identifier.
30048	SimpleSecurityID	Y	4	104	unsigned int	Instrument identifier for simple instruments. Should be filled with the 4 least significant bytes of SecurityID (48) provided in T7 RDI and T7 RDF reference data.
28744	MatchInstCrossID	N	4	108	unsigned int	Self Match Prevention ID.
20655	TargetPartyIDSession-ID	N	4	112	unsigned int	Session ID.
20096	PartyIDTakeUp-TradingFirm	N	5	116	Fixed String	Take-up Member Short Name. Valid characters: A-Z,0-9,\x20

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description										
20013	PartyIDOrder-OriginationFirm	N	7	121	Fixed String	External Member ID. Valid characters: A-Z,0-9,\x20										
20032	PartyIDBeneficiary	N	9	128	Fixed String	Final Beneficiary Valid characters: A-Z,0-9,\x20										
28703	ApplSeqIndicator	Y	1	137	unsigned int	Indicates if the order is a Lean Order or a Standard Order. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No Recovery Required</td> </tr> <tr> <td>1</td> <td>Recovery Required</td> </tr> </tbody> </table>	Value	Description	0	No Recovery Required	1	Recovery Required				
Value	Description															
0	No Recovery Required															
1	Recovery Required															
54	Side	Y	1	138	unsigned int	Side of the order. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </tbody> </table>	Value	Description	1	Buy	2	Sell				
Value	Description															
1	Buy															
2	Sell															
40	OrdType	Y	1	139	unsigned int	Order type. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Market</td> </tr> <tr> <td>2</td> <td>Limit</td> </tr> <tr> <td>3</td> <td>Stop</td> </tr> <tr> <td>4</td> <td>Stop Limit</td> </tr> </tbody> </table>	Value	Description	1	Market	2	Limit	3	Stop	4	Stop Limit
Value	Description															
1	Market															
2	Limit															
3	Stop															
4	Stop Limit															
28710	PriceValidityCheck-Type	Y	1	140	unsigned int	Indicator how price validity check should be performed by the exchange (see the ETI Manual, chapter Price Reasonability Check). <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>None</td> </tr> <tr> <td>1</td> <td>Optional</td> </tr> <tr> <td>2</td> <td>Mandatory</td> </tr> </tbody> </table>	Value	Description	0	None	1	Optional	2	Mandatory		
Value	Description															
0	None															
1	Optional															
2	Mandatory															
25126	ValueCheckTypeValue	Y	1	141	unsigned int	Indicator for checking the maximum order/quote value by the exchange. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Do not check</td> </tr> <tr> <td>1</td> <td>Check</td> </tr> </tbody> </table>	Value	Description	0	Do not check	1	Check				
Value	Description															
0	Do not check															
1	Check															

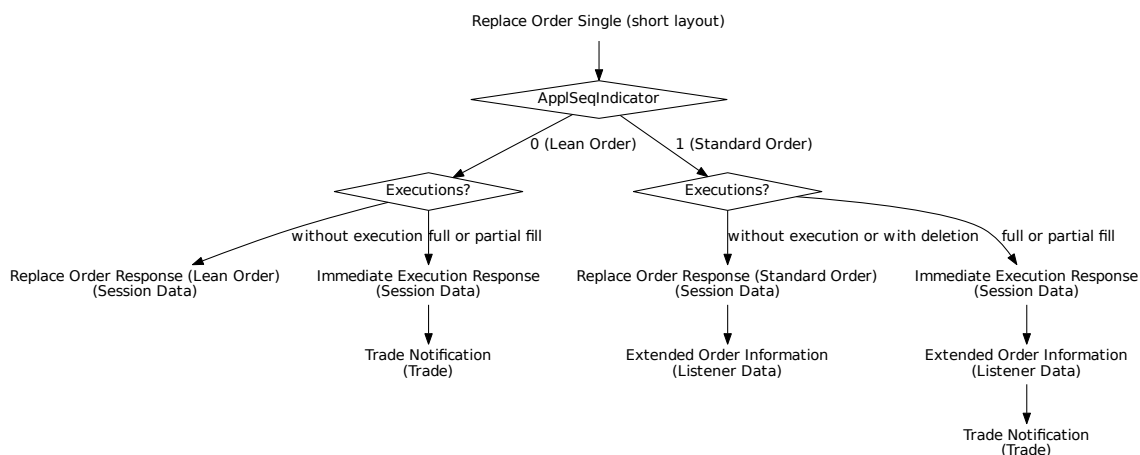
Tag	Field Name	Req'd	Len	Ofs	Data Type	Description										
23002	OrderAttribute-LiquidityProvision	Y	1	142	unsigned int	<p>Indication as to whether an order is submitted to a Trading Venue as part of a market making strategy.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Liquidity provision</td> </tr> <tr> <td>0</td> <td>No liquidity provision</td> </tr> </tbody> </table>	Value	Description	1	Liquidity provision	0	No liquidity provision				
Value	Description															
1	Liquidity provision															
0	No liquidity provision															
59	TimelnForce	Y	1	143	unsigned int	<p>Execution and trading restriction parameters supported by T7.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Day (GFD)</td> </tr> <tr> <td>1</td> <td>Good Till Cancelled (GTC)</td> </tr> <tr> <td>3</td> <td>Immediate or Cancel (IOC)</td> </tr> <tr> <td>6</td> <td>Good Till Date (GTD) - Standard Orders only</td> </tr> </tbody> </table>	Value	Description	0	Day (GFD)	1	Good Till Cancelled (GTC)	3	Immediate or Cancel (IOC)	6	Good Till Date (GTD) - Standard Orders only
Value	Description															
0	Day (GFD)															
1	Good Till Cancelled (GTC)															
3	Immediate or Cancel (IOC)															
6	Good Till Date (GTD) - Standard Orders only															
18	ExecInst	Y	1	144	unsigned int	<p>Instructions for order handling.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Persistent Order (FIX value 'H')</td> </tr> <tr> <td>2</td> <td>Non-persistent Order (FIX value 'Q')</td> </tr> <tr> <td>5</td> <td>Persistent and Book or Cancel order (FIX value 'H 6')</td> </tr> <tr> <td>6</td> <td>Non-persistent and Book or Cancel order (FIX value 'Q 6')</td> </tr> </tbody> </table>	Value	Description	1	Persistent Order (FIX value 'H')	2	Non-persistent Order (FIX value 'Q')	5	Persistent and Book or Cancel order (FIX value 'H 6')	6	Non-persistent and Book or Cancel order (FIX value 'Q 6')
Value	Description															
1	Persistent Order (FIX value 'H')															
2	Non-persistent Order (FIX value 'Q')															
5	Persistent and Book or Cancel order (FIX value 'H 6')															
6	Non-persistent and Book or Cancel order (FIX value 'Q 6')															
625	TradingSessionSubID	N	1	145	unsigned int	<p>Marks a certain order as a closing auction one.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>Closing or closing auction</td> </tr> </tbody> </table>	Value	Description	4	Closing or closing auction						
Value	Description															
4	Closing or closing auction															
1815	TradingCapacity	Y	1	146	unsigned int	<p>This field designates if the trader is acting in the capacity of agent, trading for its own account or acting as a market maker.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Customer (Agency)</td> </tr> <tr> <td>5</td> <td>Principal (Proprietary)</td> </tr> <tr> <td>6</td> <td>MarketMaker</td> </tr> </tbody> </table>	Value	Description	1	Customer (Agency)	5	Principal (Proprietary)	6	MarketMaker		
Value	Description															
1	Customer (Agency)															
5	Principal (Proprietary)															
6	MarketMaker															

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
21222	PartyIdInvestment-DecisionMaker-Qualifier	N	1	147	unsigned int	<p>Qualifier for field PartyIdInvestment-DecisionMaker. Members/participants will have the possibility to specify an Investment qualifier value to distinguish between natural persons and Algos.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algo</td> </tr> <tr> <td>24</td> <td>Human/Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algo	24	Human/Natural person
Value	Description											
22	Algo											
24	Human/Natural person											
25124	ExecutingTrader-Qualifier	Y	1	148	unsigned int	<p>Qualifier for field ExecutingTrader. It is required to distinguish between natural persons and Algos.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algo</td> </tr> <tr> <td>24</td> <td>Human/Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algo	24	Human/Natural person
Value	Description											
22	Algo											
24	Human/Natural person											
1	Account	N	2	149	Fixed String	<p>Accounts to book trades and keep positions on.</p> <p>Valid characters: 1-9, \x41, \x45, \x47, \x4D, \x50, \x52</p>						
20038	PartyIDPosition-Account	N	32	151	Fixed String	<p>'Flexible Account' information.</p> <p>Valid characters: \x20, \x30- \x39, \x41- \x5A</p>						
77	PositionEffect	Y	1	183	char	<p>Field is used for T7 position management purposes and indicates whether the order is submitted to open or close a position.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>C</td> <td>Close</td> </tr> <tr> <td>O</td> <td>Open</td> </tr> </tbody> </table>	Value	Description	C	Close	O	Open
Value	Description											
C	Close											
O	Open											
28743	OwnershipIndicator	Y	1	184	unsigned int	<p>Indicator to change the ownership of an order</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Do not change ownership</td> </tr> <tr> <td>1</td> <td>Change ownership to executing party (User ID)</td> </tr> </tbody> </table>	Value	Description	0	Do not change ownership	1	Change ownership to executing party (User ID)
Value	Description											
0	Do not change ownership											
1	Change ownership to executing party (User ID)											

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
20075	PartyIDLocationID	N	2	185	Fixed String	Country code. Valid characters: \x01-\x7E
1031	CustOrderHandling-Inst	N	1	187	Fixed String	Identifies the source of an order, in accordance with the FIA guidelines for a rate Identifier. The field is for participant use only. Valid characters: \x20,\x22-\x7B,\x7D,\x7E
2404	ComplianceText	N	20	188	Fixed String	This field is used to provide additional regulatory information (according to respective rules & regs, circulars and/or bilateral coordination between participant and Trading Surveillance Office). Valid characters: \x20,\x22-\x7B,\x7D,\x7E
25007	FreeText1	N	12	208	Fixed String	First free-format text field for trader-specific or customer-related comments. Valid characters: \x20,\x23-\x25,\x28-\x2A,\x2C-\x3B,\x3F,\x41-\x5F,\x61-\x7B,\x7D,\x7E
25008	FreeText2	N	12	220	Fixed String	Second free-format text field for trader-specific or customer-related comments. Will not be forwarded to CCP for cash markets. Valid characters: \x20,\x23-\x25,\x28-\x2A,\x2C-\x3B,\x3F,\x41-\x5F,\x61-\x7B,\x7D,\x7E
25009	FreeText3	N	12	232	Fixed String	Third free-format text field for trader-specific or customer-related comments. Valid characters: \x20,\x23-\x25,\x28-\x2A,\x2C-\x3B,\x3F,\x41-\x5F,\x61-\x7B,\x7D,\x7E
30011	FIXCOrdID	N	20	244	Fixed String	User defined client order ID Valid characters: \x20-\x7E

7.11 Replace Order Single (short layout)

This short order message layout is used by the participant to replace an order in a simple instrument. Selected order attributes are implicitly set. For more details, please refer to the ETI Manual, chapter Short Order Message Layouts. This message is sent to the service "Order and Quote Management".



Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderIn></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10126 (OrderCancelReplaceRequest, MsgType = G)
25028	NetworkMsgID	U	8	6	Fixed String	not used
39020	Pad2	U	2	14	Fixed String	not used
<i><RequestHeader></i>						
34	MsgSeqNum	Y	4	16	unsigned int	Message sequence number used by the participant for requests sent to the gateway.
50	SenderSubID	Y	4	20	unsigned int	User ID.
<i><Message Body></i>						
11	ClOrdID	N	8	24	unsigned int	Client Order ID: Unique participant defined order request identifier; used for client order id chaining.
41	OrigClOrdID	Y	8	32	unsigned int	ClOrdID (11) of the last successfully processed task (request) referring to the specific order.
44	Price	Y	8	40	PriceType	Limit price. Required if OrdType (40) is Limit (2) or Stop Limit (4).

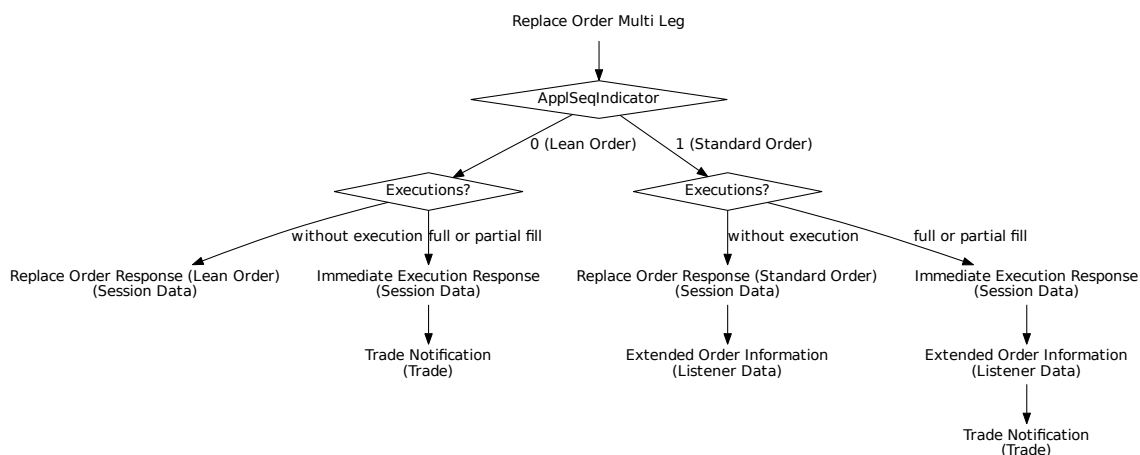
Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
38	OrderQty	Y	8	48	Qty	Total Order Quantity.						
20003	PartyIDClientID	N	8	56	unsigned int	Client Identifier field (ESMA Field 3 (Section A))used to identify the client of an order for agent account of the member or participant of the trading venue. If the Client Identifier field is not provided for agent orders, then they will be rejected. For orders sent with Trading Capacity Proprietary or Market Making, the Client Identifier field may remain empty.						
20122	PartyIDInvestment-DecisionMaker	N	8	64	unsigned int	Investment decision within firm (ESMA Field 4 (Section A)) is the code used to identify the person or the algorithm within the member or participant of the Trading Venue who is responsible for the investment decision.						
25123	ExecutingTrader	N	8	72	unsigned int	Executing Trader data Field(ESMA Field 5 (Section A))used to identify the person or algorithm within the member or participant of the trading venue who is responsible for the execution of the transaction resulting from the order.						
30048	SimpleSecurityID	Y	4	80	unsigned int	Instrument identifier for simple instruments. Should be filled with the 4 least significant bytes of SecurityID (48) provided in T7 RDI and T7 RDF reference data.						
28744	MatchInstCrossID	N	4	84	unsigned int	Self Match Prevention ID.						
25033	EnrichmentRuleID	N	2	88	unsigned int	Identifies an enrichment rule						
54	Side	Y	1	90	unsigned int	Side of the order. <table border="1" data-bbox="991 1682 1412 1809"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </tbody> </table>	Value	Description	1	Buy	2	Sell
Value	Description											
1	Buy											
2	Sell											

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description								
28710	PriceValidityCheck-Type	Y	1	91	unsigned int	Indicator how price validity check should be performed by the exchange (see the ETI Manual, chapter Price Reasonability Check). <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>None</td> </tr> <tr> <td>1</td> <td>Optional</td> </tr> <tr> <td>2</td> <td>Mandatory</td> </tr> </tbody> </table>	Value	Description	0	None	1	Optional	2	Mandatory
Value	Description													
0	None													
1	Optional													
2	Mandatory													
25126	ValueCheckTypeValue	Y	1	92	unsigned int	Indicator for checking the maximum order/quote value by the exchange. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Do not check</td> </tr> <tr> <td>1</td> <td>Check</td> </tr> </tbody> </table>	Value	Description	0	Do not check	1	Check		
Value	Description													
0	Do not check													
1	Check													
23002	OrderAttribute-LiquidityProvision	Y	1	93	unsigned int	Indication as to whether an order is submitted to a Trading Venue as part of a market making strategy. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Liquidity provision</td> </tr> <tr> <td>0</td> <td>No liquidity provision</td> </tr> </tbody> </table>	Value	Description	1	Liquidity provision	0	No liquidity provision		
Value	Description													
1	Liquidity provision													
0	No liquidity provision													
59	TimelnForce	Y	1	94	unsigned int	Execution and trading restriction parameters supported by T7. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Day (GFD)</td> </tr> <tr> <td>1</td> <td>Good Till Cancelled (GTC)</td> </tr> <tr> <td>3</td> <td>Immediate or Cancel (IOC)</td> </tr> </tbody> </table>	Value	Description	0	Day (GFD)	1	Good Till Cancelled (GTC)	3	Immediate or Cancel (IOC)
Value	Description													
0	Day (GFD)													
1	Good Till Cancelled (GTC)													
3	Immediate or Cancel (IOC)													
28703	ApplSeqIndicator	Y	1	95	unsigned int	Indicates if the order is a Lean Order or a Standard Order. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No Recovery Required</td> </tr> <tr> <td>1</td> <td>Recovery Required</td> </tr> </tbody> </table>	Value	Description	0	No Recovery Required	1	Recovery Required		
Value	Description													
0	No Recovery Required													
1	Recovery Required													

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description										
18	Execlnst	Y	1	96	unsigned int	<p>Instructions for order handling.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Persistent Order (FIX value 'H')</td> </tr> <tr> <td>2</td> <td>Non-persistent Order (FIX value 'Q')</td> </tr> <tr> <td>5</td> <td>Persistent and Book or Cancel order (FIX value 'H 6')</td> </tr> <tr> <td>6</td> <td>Non-persistent and Book or Cancel order (FIX value 'Q 6')</td> </tr> </tbody> </table>	Value	Description	1	Persistent Order (FIX value 'H')	2	Non-persistent Order (FIX value 'Q')	5	Persistent and Book or Cancel order (FIX value 'H 6')	6	Non-persistent and Book or Cancel order (FIX value 'Q 6')
Value	Description															
1	Persistent Order (FIX value 'H')															
2	Non-persistent Order (FIX value 'Q')															
5	Persistent and Book or Cancel order (FIX value 'H 6')															
6	Non-persistent and Book or Cancel order (FIX value 'Q 6')															
1815	TradingCapacity	Y	1	97	unsigned int	<p>This field designates if the trader is acting in the capacity of agent, trading for its own account or acting as a market maker.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Customer (Agency)</td> </tr> <tr> <td>5</td> <td>Principal (Proprietary)</td> </tr> <tr> <td>6</td> <td>MarketMaker</td> </tr> </tbody> </table>	Value	Description	1	Customer (Agency)	5	Principal (Proprietary)	6	MarketMaker		
Value	Description															
1	Customer (Agency)															
5	Principal (Proprietary)															
6	MarketMaker															
21222	PartyIdInvestment-DecisionMaker-Qualifier	N	1	98	unsigned int	<p>Qualifier for field PartyIdInvestment-DecisionMaker. Members/participants will have the possibility to specify an Investment qualifier value to distinguish between natural persons and Algos.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algo</td> </tr> <tr> <td>24</td> <td>Human/Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algo	24	Human/Natural person				
Value	Description															
22	Algo															
24	Human/Natural person															
25124	ExecutingTrader-Qualifier	Y	1	99	unsigned int	<p>Qualifier for field ExecutingTrader. It is required to distinguish between natural persons and Algos.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algo</td> </tr> <tr> <td>24</td> <td>Human/Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algo	24	Human/Natural person				
Value	Description															
22	Algo															
24	Human/Natural person															
39040	Pad4	U	4	100	Fixed String	not used										

7.12 Replace Order Multi Leg

This message is used to replace a multi leg order (previously submitted using the New Order Multi Leg message). For more details, please refer to the ETI Manual, chapters Modification and Total Order Quantity Modification. This message is sent to the service "Order and Quote Management".



Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderIn></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplatID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10114 (Multileg-OrderCancelReplace, MsgType = AC)
25028	NetworkMsgID	U	8	6	Fixed String	not used
39020	Pad2	U	2	14	Fixed String	not used
<i><RequestHeader></i>						
34	MsgSeqNum	Y	4	16	unsigned int	Message sequence number used by the participant for requests sent to the gateway.
50	SenderSubID	Y	4	20	unsigned int	User ID.
<i><Message Body></i>						
37	OrderID	N	8	24	unsigned int	Exchange Order ID generated by the T7 System; it remains constant over the lifetime of an order.
11	ClOrdID	N	8	32	unsigned int	Client Order ID: Unique participant defined order request identifier; used for client order id chaining.
41	OrigClOrdID	N	8	40	unsigned int	ClOrdID (11) of the last successfully processed task (request) referring to the specific order.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
48	SecurityID	Y	8	48	signed int	Instrument identifier.
44	Price	Y	8	56	PriceType	Limit price. Required if OrdType (40) is Limit (2) or Stop Limit (4).
38	OrderQty	Y	8	64	Qty	Total Order Quantity.
20003	PartyIDClientID	N	8	72	unsigned int	Client Identifier field (ESMA Field 3 (Section A))used to identify the client of an order for agent account of the member or participant of the trading venue. If the Client Identifier field is not provided for agent orders, then they will be rejected. For orders sent with Trading Capacity Proprietary or Market Making, the Client Identifier field may remain empty.
20122	PartyIDInvestment-DecisionMaker	N	8	80	unsigned int	Investment decision within firm (ESMA Field 4 (Section A)) is the code used to identify the person or the algorithm within the member or participant of the Trading Venue who is responsible for the investment decision.
25123	ExecutingTrader	N	8	88	unsigned int	Executing Trader data Field(ESMA Field 5 (Section A))used to identify the person or algorithm within the member or participant of the trading venue who is responsible for the execution of the transaction resulting from the order.
1300	MarketSegmentID	Y	4	96	signed int	Product identifier.
432	ExpireDate	N	4	100	LocalMktDate	Date of order expiry. Required if Time-InForce (59) = 6.
28744	MatchInstCrossID	N	4	104	unsigned int	Self Match Prevention ID.
20655	TargetPartyIDSession-ID	N	4	108	unsigned int	Session ID.
20096	PartyIDTakeUp-TradingFirm	N	5	112	Fixed String	Take-up Member Short Name. Valid characters: A-Z,0-9,\x20
20013	PartyIDOrder-OriginationFirm	N	7	117	Fixed String	External Member ID. Valid characters: A-Z,0-9,\x20
20032	PartyIDBeneficiary	N	9	124	Fixed String	Final Beneficiary Valid characters: A-Z,0-9,\x20

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description																		
28703	ApplSeqIndicator	Y	1	133	unsigned int	Indicates if the order is a Lean Order or a Standard Order. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No Recovery Required</td> </tr> <tr> <td>1</td> <td>Recovery Required</td> </tr> </tbody> </table>	Value	Description	0	No Recovery Required	1	Recovery Required												
Value	Description																							
0	No Recovery Required																							
1	Recovery Required																							
1227	ProductComplex	Y	1	134	unsigned int	This field qualifies an instrument type on T7. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Standard Option Strategy</td> </tr> <tr> <td>3</td> <td>Non-Standard Option Strategy</td> </tr> <tr> <td>4</td> <td>Volatility Strategy</td> </tr> <tr> <td>5</td> <td>Futures Spread</td> </tr> <tr> <td>6</td> <td>Inter-Product Spread</td> </tr> <tr> <td>7</td> <td>Standard Future Strategy</td> </tr> <tr> <td>8</td> <td>Pack and Bundle</td> </tr> <tr> <td>9</td> <td>Strip</td> </tr> </tbody> </table>	Value	Description	2	Standard Option Strategy	3	Non-Standard Option Strategy	4	Volatility Strategy	5	Futures Spread	6	Inter-Product Spread	7	Standard Future Strategy	8	Pack and Bundle	9	Strip
Value	Description																							
2	Standard Option Strategy																							
3	Non-Standard Option Strategy																							
4	Volatility Strategy																							
5	Futures Spread																							
6	Inter-Product Spread																							
7	Standard Future Strategy																							
8	Pack and Bundle																							
9	Strip																							
54	Side	Y	1	135	unsigned int	Side of the order. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </tbody> </table>	Value	Description	1	Buy	2	Sell												
Value	Description																							
1	Buy																							
2	Sell																							
40	OrdType	Y	1	136	unsigned int	Order type. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Limit</td> </tr> </tbody> </table>	Value	Description	2	Limit														
Value	Description																							
2	Limit																							
28710	PriceValidityCheck-Type	Y	1	137	unsigned int	Indicator how price validity check should be performed by the exchange (see the ETI Manual, chapter Price Reasonability Check). <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>None</td> </tr> <tr> <td>1</td> <td>Optional</td> </tr> <tr> <td>2</td> <td>Mandatory</td> </tr> </tbody> </table>	Value	Description	0	None	1	Optional	2	Mandatory										
Value	Description																							
0	None																							
1	Optional																							
2	Mandatory																							

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description										
25126	ValueCheckTypeValue	Y	1	138	unsigned int	Indicator for checking the maximum order/quote value by the exchange. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Do not check</td> </tr> <tr> <td>1</td> <td>Check</td> </tr> </tbody> </table>	Value	Description	0	Do not check	1	Check				
Value	Description															
0	Do not check															
1	Check															
23002	OrderAttribute-LiquidityProvision	Y	1	139	unsigned int	Indication as to whether an order is submitted to a Trading Venue as part of a market making strategy. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Liquidity provision</td> </tr> <tr> <td>0</td> <td>No liquidity provision</td> </tr> </tbody> </table>	Value	Description	1	Liquidity provision	0	No liquidity provision				
Value	Description															
1	Liquidity provision															
0	No liquidity provision															
18	ExecInst	Y	1	140	unsigned int	Instructions for order handling. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Persistent Order (FIX value 'H')</td> </tr> <tr> <td>2</td> <td>Non-persistent Order (FIX value 'Q')</td> </tr> </tbody> </table>	Value	Description	1	Persistent Order (FIX value 'H')	2	Non-persistent Order (FIX value 'Q')				
Value	Description															
1	Persistent Order (FIX value 'H')															
2	Non-persistent Order (FIX value 'Q')															
59	TimeInForce	Y	1	141	unsigned int	Execution and trading restriction parameters supported by T7. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Day (GFD)</td> </tr> <tr> <td>1</td> <td>Good Till Cancelled (GTC)</td> </tr> <tr> <td>3</td> <td>Immediate or Cancel (IOC)</td> </tr> <tr> <td>6</td> <td>Good Till Date (GTD) - Standard Orders only</td> </tr> </tbody> </table>	Value	Description	0	Day (GFD)	1	Good Till Cancelled (GTC)	3	Immediate or Cancel (IOC)	6	Good Till Date (GTD) - Standard Orders only
Value	Description															
0	Day (GFD)															
1	Good Till Cancelled (GTC)															
3	Immediate or Cancel (IOC)															
6	Good Till Date (GTD) - Standard Orders only															
1815	TradingCapacity	Y	1	142	unsigned int	This field designates if the trader is acting in the capacity of agent, trading for its own account or acting as a market maker. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Customer (Agency)</td> </tr> <tr> <td>5</td> <td>Principal (Proprietary)</td> </tr> <tr> <td>6</td> <td>MarketMaker</td> </tr> </tbody> </table>	Value	Description	1	Customer (Agency)	5	Principal (Proprietary)	6	MarketMaker		
Value	Description															
1	Customer (Agency)															
5	Principal (Proprietary)															
6	MarketMaker															

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
28743	OwnershipIndicator	Y	1	143	unsigned int	Indicator to change the ownership of an order <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Do not change ownership</td> </tr> <tr> <td>1</td> <td>Change ownership to executing party (User ID)</td> </tr> </tbody> </table>	Value	Description	0	Do not change ownership	1	Change ownership to executing party (User ID)
Value	Description											
0	Do not change ownership											
1	Change ownership to executing party (User ID)											
21222	PartyIdInvestment-DecisionMaker-Qualifier	N	1	144	unsigned int	Qualifier for field PartyIdInvestment-DecisionMaker. Members/participants will have the possibility to specify an Investment qualifier value to distinguish between natural persons and Algos. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algo</td> </tr> <tr> <td>24</td> <td>Human/Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algo	24	Human/Natural person
Value	Description											
22	Algo											
24	Human/Natural person											
25124	ExecutingTrader-Qualifier	Y	1	145	unsigned int	Qualifier for field ExecutingTrader. It is required to distinguish between natural persons and Algos. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algo</td> </tr> <tr> <td>24</td> <td>Human/Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algo	24	Human/Natural person
Value	Description											
22	Algo											
24	Human/Natural person											
20075	PartyIDLocationID	N	2	146	Fixed String	Country code. Valid characters: \x01-\x7E						
1031	CustOrderHandling-Inst	N	1	148	Fixed String	Identifies the source of an order, in accordance with the FIA guidelines for a rate Identifier. The field is for participant use only. Valid characters: \x20,\x22-\x7B,\x7D,\x7E						
2404	ComplianceText	N	20	149	Fixed String	This field is used to provide additional regulatory information (according to respective rules & regs, circulars and/or bilateral coordination between participant and Trading Surveillance Office). Valid characters: \x20,\x22-\x7B,\x7D,\x7E						

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
20038	PartyIDPosition-Account	N	32	169	Fixed String	'Flexible Account' information. Valid characters: \x20,\x30-\x39,\x41-\x5A						
25007	FreeText1	N	12	201	Fixed String	First free-format text field for trader-specific or customer-related comments. Valid characters: \x20,\x23-\x25,\x28-\x2A,\x2C-\x3B,\x3F,\x41-\x5F,\x61-\x7B,\x7D,\x7E						
25008	FreeText2	N	12	213	Fixed String	Second free-format text field for trader-specific or customer-related comments. Will not be forwarded to CCP for cash markets. Valid characters: \x20,\x23-\x25,\x28-\x2A,\x2C-\x3B,\x3F,\x41-\x5F,\x61-\x7B,\x7D,\x7E						
25009	FreeText3	N	12	225	Fixed String	Third free-format text field for trader-specific or customer-related comments. Valid characters: \x20,\x23-\x25,\x28-\x2A,\x2C-\x3B,\x3F,\x41-\x5F,\x61-\x7B,\x7D,\x7E						
30011	FIXCIClientID	N	20	237	Fixed String	User defined client order ID Valid characters: \x20-\x7E						
555	NoLegs	Y	1	257	Counter	Number of LegOrd repeating group instances. Must be greater than 1.						
39060	Pad6	U	6	258	Fixed String	not used						
<LegOrdGrp>						Cardinality: 0-20, Record counter: NoLegs						
2680	>LegAccount	N	2	264	Fixed String	Leg-specific account to book trades and keep positions on. Valid characters: 1-9,\x41,\x47,\x4D,\x50						
564	>LegPositionEffect	Y	1	266	char	Leg-specific field used for T7 position management purposes and indicates whether the leg is submitted to open or close a position. <table border="1" data-bbox="991 1883 1409 2011"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>C</td> <td>Close</td> </tr> <tr> <td>O</td> <td>Open</td> </tr> </tbody> </table>	Value	Description	C	Close	O	Open
Value	Description											
C	Close											
O	Open											
39050	>Pad5	U	5	267	Fixed String	not used						

7.13 Replace Order Response (Standard Order)

This message confirms a Replace Order request for a Standard Order. For more details, please refer to the ETI Manual, chapter Order Status and Execution Reports.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description				
<i><MessageHeaderOut></i>										
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.				
28500	TemplatelD	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10107 (Execution-Report, MsgType = 8)				
39020	Pad2	U	2	6	Fixed String	not used				
<i><ResponseHeaderME></i>										
5979	RequestTime	Y	8	8	UTCTimestamp	Gateway request in timestamp.				
21002	TrdRegTSTimeIn	Y	8	16	UTCTimestamp	Matching engine in timestamp.				
21003	TrdRegTSTimeOut	Y	8	24	UTCTimestamp	Matching engine out timestamp.				
7765	ResponseIn	Y	8	32	UTCTimestamp	Timestamp the gateway receives a message from the Matching Engine				
52	SendingTime	Y	8	40	UTCTimestamp	Gateway response out timestamp.				
34	MsgSeqNum	Y	4	48	unsigned int	Message sequence number used by the participant for requests sent to the gateway.				
5948	PartitionID	Y	2	52	unsigned int	Grouping of T7 products. Belongs to the scope of Service Availability and Retransmit requests.				
1180	ApplID	Y	1	54	unsigned int	Identifier for an ETI data stream. <table border="1" data-bbox="991 1397 1409 1485"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>Session Data</td> </tr> </tbody> </table>	Value	Description	4	Session Data
Value	Description									
4	Session Data									
28704	ApplMsgID	N	16	55	data	Not set if the submitting session is not the owner of the replaced order.				
893	LastFragment	Y	1	71	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1" data-bbox="991 1765 1409 1852"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	1	Last Message
Value	Description									
1	Last Message									
<i><Message Body></i>										
37	OrderID	Y	8	72	unsigned int	Exchange Order ID generated by the T7 System; it remains constant over the lifetime of an order.				

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description												
11	CIOrdID	N	8	80	unsigned int	Client Order ID: Unique participant defined order request identifier; used for client order id chaining.												
41	OrigCIOrdID	N	8	88	unsigned int	CIOrdID (11) of the last successfully processed task (request) referring to the specific order.												
48	SecurityID	Y	8	96	signed int	Instrument identifier.												
17	ExecID	Y	8	104	UTCTimestamp	Transaction timestamp.												
151	LeavesQty	Y	8	112	Qty	Remaining quantity of an order.												
14	CumQty	Y	8	120	Qty	Cumulated executed quantity of an order.												
84	CxlQty	Y	8	128	Qty	Total quantity cancelled for this order.												
21008	TrdRegTSTime-Priority	Y	8	136	UTCTimestamp	Priority timestamp.												
39	OrdStatus	Y	1	144	char	Conveys the current status of an order. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>New</td> </tr> <tr> <td>1</td> <td>Partially filled</td> </tr> <tr> <td>2</td> <td>Filled</td> </tr> <tr> <td>4</td> <td>Cancelled</td> </tr> <tr> <td>9</td> <td>Suspended</td> </tr> </tbody> </table>	Value	Description	0	New	1	Partially filled	2	Filled	4	Cancelled	9	Suspended
Value	Description																	
0	New																	
1	Partially filled																	
2	Filled																	
4	Cancelled																	
9	Suspended																	
150	ExecType	Y	1	145	char	The reason why this message was generated. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>Cancelled</td> </tr> <tr> <td>5</td> <td>Replaced</td> </tr> <tr> <td>L</td> <td>Triggered</td> </tr> </tbody> </table>	Value	Description	4	Cancelled	5	Replaced	L	Triggered				
Value	Description																	
4	Cancelled																	
5	Replaced																	
L	Triggered																	
378	ExecRestatement-Reason	Y	2	146	unsigned int	Code to further qualify the field ExecType (150) of the Execution Report (8) message. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>102</td> <td>Order modify accepted</td> </tr> <tr> <td>105</td> <td>IOC Order accepted</td> </tr> <tr> <td>181</td> <td>Ownership Changed</td> </tr> <tr> <td>212</td> <td>Book or Cancel Order accepted</td> </tr> <tr> <td>114</td> <td>Order has been changed to IOC</td> </tr> </tbody> </table>	Value	Description	102	Order modify accepted	105	IOC Order accepted	181	Ownership Changed	212	Book or Cancel Order accepted	114	Order has been changed to IOC
Value	Description																	
102	Order modify accepted																	
105	IOC Order accepted																	
181	Ownership Changed																	
212	Book or Cancel Order accepted																	
114	Order has been changed to IOC																	

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description																				
2523	CrossedIndicator	Y	1	148	unsigned int	<p>Indicates SMP involvement.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No crossing (Order not subject to crossing)</td> </tr> <tr> <td>1</td> <td>Cross rejected (Order subject to crossing and match prevented)</td> </tr> </tbody> </table>	Value	Description	0	No crossing (Order not subject to crossing)	1	Cross rejected (Order subject to crossing and match prevented)														
Value	Description																									
0	No crossing (Order not subject to crossing)																									
1	Cross rejected (Order subject to crossing and match prevented)																									
1227	ProductComplex	Y	1	149	unsigned int	<p>This field qualifies an instrument type on T7.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Simple instrument</td> </tr> <tr> <td>2</td> <td>Standard Option Strategy</td> </tr> <tr> <td>3</td> <td>Non-Standard Option Strategy</td> </tr> <tr> <td>4</td> <td>Volatility Strategy</td> </tr> <tr> <td>5</td> <td>Futures Spread</td> </tr> <tr> <td>6</td> <td>Inter-Product Spread</td> </tr> <tr> <td>7</td> <td>Standard Future Strategy</td> </tr> <tr> <td>8</td> <td>Pack and Bundle</td> </tr> <tr> <td>9</td> <td>Strip</td> </tr> </tbody> </table>	Value	Description	1	Simple instrument	2	Standard Option Strategy	3	Non-Standard Option Strategy	4	Volatility Strategy	5	Futures Spread	6	Inter-Product Spread	7	Standard Future Strategy	8	Pack and Bundle	9	Strip
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1823	Triggered	Y	1	150	unsigned int	<p>Indicates if an order has been previously triggered.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Not Triggered</td> </tr> <tr> <td>1</td> <td>Triggered Stop</td> </tr> <tr> <td>2</td> <td>Triggered OCO</td> </tr> </tbody> </table>	Value	Description	0	Not Triggered	1	Triggered Stop	2	Triggered OCO												
Value	Description																									
0	Not Triggered																									
1	Triggered Stop																									
2	Triggered OCO																									
25159	TransactionDelay-Indicator	Y	1	151	unsigned int	<p>Indicator for a delayed transaction</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Transaction not delayed</td> </tr> <tr> <td>1</td> <td>Transaction delayed</td> </tr> </tbody> </table>	Value	Description	0	Transaction not delayed	1	Transaction delayed														
Value	Description																									
0	Transaction not delayed																									
1	Transaction delayed																									

7.14 Replace Order Response (Lean Order)

This message confirms a Replace Order request for a Lean Order. For more details, please refer to the ETI Manual, chapter Order Status and Execution Reports.

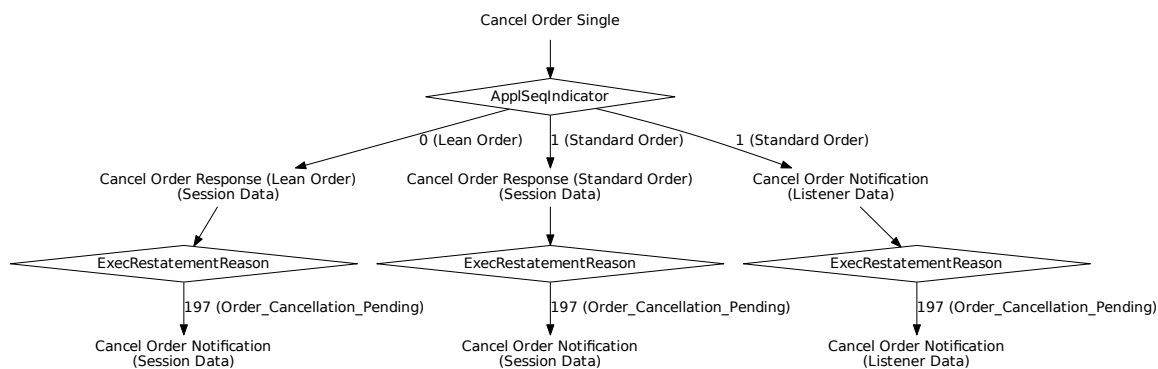
Tag	Field Name	Req'd	Len	Ofs	Data Type	Description				
<i><MessageHeaderOut></i>										
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.				
28500	TemplatelD	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10108 (Execution-Report, MsgType = 8)				
39020	Pad2	U	2	6	Fixed String	not used				
<i><NRResponseHeaderME></i>										
5979	RequestTime	Y	8	8	UTCTimestamp	Gateway request in timestamp.				
21002	TrdRegTSTimeIn	Y	8	16	UTCTimestamp	Matching engine in timestamp.				
21003	TrdRegTSTimeOut	Y	8	24	UTCTimestamp	Matching engine out timestamp.				
7765	ResponseIn	Y	8	32	UTCTimestamp	Timestamp the gateway receives a message from the Matching Engine				
52	SendingTime	Y	8	40	UTCTimestamp	Gateway response out timestamp.				
34	MsgSeqNum	Y	4	48	unsigned int	Message sequence number used by the participant for requests sent to the gateway.				
893	LastFragment	Y	1	52	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1" data-bbox="991 1397 1409 1485"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	1	Last Message
Value	Description									
1	Last Message									
39030	Pad3	U	3	53	Fixed String	not used				
<i><Message Body></i>										
37	OrderID	Y	8	56	unsigned int	Exchange Order ID generated by the T7 System; it remains constant over the lifetime of an order.				
11	ClOrdID	N	8	64	unsigned int	Client Order ID: Unique participant defined order request identifier; used for client order id chaining.				
41	OrigClOrdID	N	8	72	unsigned int	ClOrdID (11) of the last successfully processed task (request) referring to the specific order.				
48	SecurityID	Y	8	80	signed int	Instrument identifier.				
17	ExecID	Y	8	88	UTCTimestamp	Transaction timestamp.				
151	LeavesQty	Y	8	96	Qty	Remaining quantity of an order.				

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description												
14	CumQty	Y	8	104	Qty	Cumulated executed quantity of an order.												
84	CxlQty	Y	8	112	Qty	Total quantity cancelled for this order.												
39	OrdStatus	Y	1	120	char	<p>Conveys the current status of an order.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>New</td> </tr> <tr> <td>1</td> <td>Partially filled</td> </tr> <tr> <td>2</td> <td>Filled</td> </tr> <tr> <td>4</td> <td>Cancelled</td> </tr> <tr> <td>9</td> <td>Suspended</td> </tr> </tbody> </table>	Value	Description	0	New	1	Partially filled	2	Filled	4	Cancelled	9	Suspended
Value	Description																	
0	New																	
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150	ExecType	Y	1	121	char	<p>The reason why this message was generated.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>Cancelled</td> </tr> <tr> <td>5</td> <td>Replaced</td> </tr> <tr> <td>L</td> <td>Triggered</td> </tr> </tbody> </table>	Value	Description	4	Cancelled	5	Replaced	L	Triggered				
Value	Description																	
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5	Replaced																	
L	Triggered																	
378	ExecRestatement-Reason	Y	2	122	unsigned int	<p>Code to further qualify the field ExecType (150) of the Execution Report (8) message.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>102</td> <td>Order modify accepted</td> </tr> <tr> <td>105</td> <td>IOC Order accepted</td> </tr> <tr> <td>181</td> <td>Ownership Changed</td> </tr> <tr> <td>212</td> <td>Book or Cancel Order accepted</td> </tr> <tr> <td>114</td> <td>Order has been changed to IOC</td> </tr> </tbody> </table>	Value	Description	102	Order modify accepted	105	IOC Order accepted	181	Ownership Changed	212	Book or Cancel Order accepted	114	Order has been changed to IOC
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2523	CrossedIndicator	Y	1	124	unsigned int	<p>Indicates SMP involvement.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No crossing (Order not subject to crossing)</td> </tr> <tr> <td>1</td> <td>Cross rejected (Order subject to crossing and match prevented)</td> </tr> </tbody> </table>	Value	Description	0	No crossing (Order not subject to crossing)	1	Cross rejected (Order subject to crossing and match prevented)						
Value	Description																	
0	No crossing (Order not subject to crossing)																	
1	Cross rejected (Order subject to crossing and match prevented)																	

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description																				
1227	ProductComplex	Y	1	125	unsigned int	<p>This field qualifies an instrument type on T7.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Simple instrument</td> </tr> <tr> <td>2</td> <td>Standard Option Strategy</td> </tr> <tr> <td>3</td> <td>Non-Standard Option Strategy</td> </tr> <tr> <td>4</td> <td>Volatility Strategy</td> </tr> <tr> <td>5</td> <td>Futures Spread</td> </tr> <tr> <td>6</td> <td>Inter-Product Spread</td> </tr> <tr> <td>7</td> <td>Standard Future Strategy</td> </tr> <tr> <td>8</td> <td>Pack and Bundle</td> </tr> <tr> <td>9</td> <td>Strip</td> </tr> </tbody> </table>	Value	Description	1	Simple instrument	2	Standard Option Strategy	3	Non-Standard Option Strategy	4	Volatility Strategy	5	Futures Spread	6	Inter-Product Spread	7	Standard Future Strategy	8	Pack and Bundle	9	Strip
Value	Description																									
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5	Futures Spread																									
6	Inter-Product Spread																									
7	Standard Future Strategy																									
8	Pack and Bundle																									
9	Strip																									
1823	Triggered	Y	1	126	unsigned int	<p>Indicates if an order has been previously triggered.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Not Triggered</td> </tr> <tr> <td>1</td> <td>Triggered Stop</td> </tr> <tr> <td>2</td> <td>Triggered OCO</td> </tr> </tbody> </table>	Value	Description	0	Not Triggered	1	Triggered Stop	2	Triggered OCO												
Value	Description																									
0	Not Triggered																									
1	Triggered Stop																									
2	Triggered OCO																									
25159	TransactionDelay-Indicator	Y	1	127	unsigned int	<p>Indicator for a delayed transaction</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Transaction not delayed</td> </tr> <tr> <td>1</td> <td>Transaction delayed</td> </tr> </tbody> </table>	Value	Description	0	Transaction not delayed	1	Transaction delayed														
Value	Description																									
0	Transaction not delayed																									
1	Transaction delayed																									

7.15 Cancel Order Single

This message is used to cancel a single order. For more details, please refer to the ETI Manual, chapter Cancellation. This message is sent to the service "Order and Quote Management".

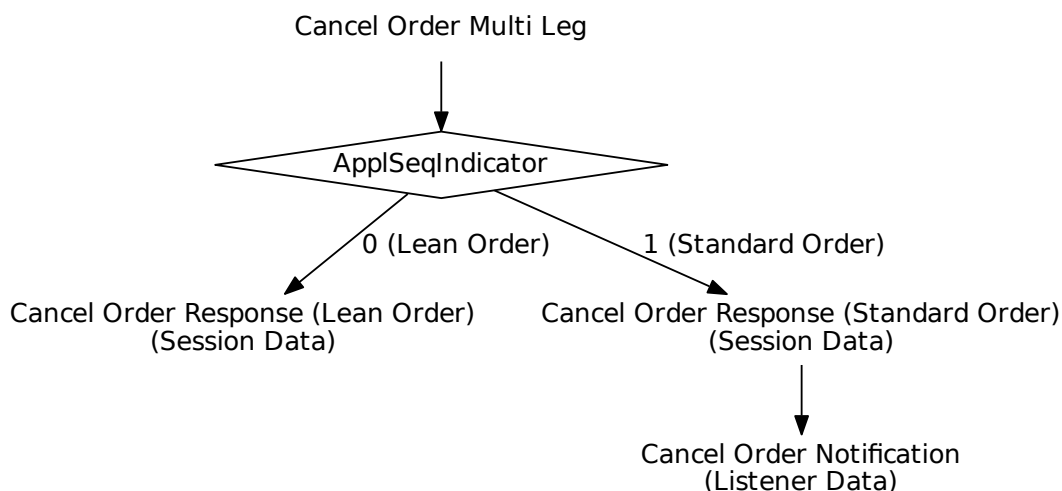


Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderIn></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplatID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10109 (OrderCancelRequest, MsgType = F)
25028	NetworkMsgID	U	8	6	Fixed String	not used
39020	Pad2	U	2	14	Fixed String	not used
<i><RequestHeader></i>						
34	MsgSeqNum	Y	4	16	unsigned int	Message sequence number used by the participant for requests sent to the gateway.
50	SenderSubID	Y	4	20	unsigned int	User ID.
<i><Message Body></i>						
37	OrderID	N	8	24	unsigned int	Exchange Order ID generated by the T7 System; it remains constant over the lifetime of an order.
11	CIOrdID	N	8	32	unsigned int	Client Order ID: Unique participant defined order request identifier; used for client order id chaining.
41	OrigCIOrdID	N	8	40	unsigned int	CIOrdID (11) of the last successfully processed task (request) referring to the specific order.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
20122	PartyIdInvestment-DecisionMaker	N	8	48	unsigned int	Investment decision within firm (ES-MA Field 4 (Section A)) is the code used to identify the person or the algorithm within the member or participant of the Trading Venue who is responsible for the investment decision.						
25123	ExecutingTrader	N	8	56	unsigned int	Executing Trader data Field(ESMA Field 5 (Section A))used to identify the person or algorithm within the member or participant of the trading venue who is responsible for the execution of the transaction resulting from the order.						
1300	MarketSegmentID	Y	4	64	signed int	Product identifier.						
30048	SimpleSecurityID	Y	4	68	unsigned int	Instrument identifier for simple instruments. Should be filled with the 4 least significant bytes of SecurityID (48) provided in T7 RDI and T7 RDF reference data.						
20655	TargetPartyIDSession-ID	N	4	72	unsigned int	Session ID that entered the order.						
21222	PartyIdInvestment-DecisionMaker-Qualifier	N	1	76	unsigned int	Qualifier for field PartyIdInvestment-DecisionMaker. Members/participants will have the possibility to specify an Investment qualifier value to distinguish between natural persons and Algos. <table border="1" data-bbox="991 1518 1409 1648"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algo</td> </tr> <tr> <td>24</td> <td>Human/Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algo	24	Human/Natural person
Value	Description											
22	Algo											
24	Human/Natural person											
25124	ExecutingTrader-Qualifier	Y	1	77	unsigned int	Qualifier for field ExecutingTrader. It is required to distinguish between natural persons and Algos. <table border="1" data-bbox="991 1827 1409 1957"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algo</td> </tr> <tr> <td>24</td> <td>Human/Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algo	24	Human/Natural person
Value	Description											
22	Algo											
24	Human/Natural person											
30011	FIXCIOrdID	N	20	78	Fixed String	User defined client order ID Valid characters: \x20-\x7E						
39060	Pad6	U	6	98	Fixed String	not used						

7.16 Cancel Order Multi Leg

This message is used to cancel a multi leg order. For more details, please refer to the ETI Manual, chapter Cancellation. This message is sent to the service "Order and Quote Management".



Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderIn></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplatID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10123 (Order-CancelRequest, MsgType = F)
25028	NetworkMsgID	U	8	6	Fixed String	not used
39020	Pad2	U	2	14	Fixed String	not used
<i><RequestHeader></i>						
34	MsgSeqNum	Y	4	16	unsigned int	Message sequence number used by the participant for requests sent to the gateway.
50	SenderSubID	Y	4	20	unsigned int	User ID.
<i><Message Body></i>						
37	OrderID	N	8	24	unsigned int	Exchange Order ID generated by the T7 System; it remains constant over the lifetime of an order.
11	ClOrdID	N	8	32	unsigned int	Client Order ID: Unique participant defined order request identifier; used for client order id chaining.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
41	OrigCOrdID	N	8	40	unsigned int	COrdID (11) of the last successfully processed task (request) referring to the specific order.						
48	SecurityID	Y	8	48	signed int	Instrument identifier.						
20122	PartyIDInvestment-DecisionMaker	N	8	56	unsigned int	Investment decision within firm (ESMA Field 4 (Section A)) is the code used to identify the person or the algorithm within the member or participant of the Trading Venue who is responsible for the investment decision.						
25123	ExecutingTrader	N	8	64	unsigned int	Executing Trader data Field(ESMA Field 5 (Section A))used to identify the person or algorithm within the member or participant of the trading venue who is responsible for the execution of the transaction resulting from the order.						
1300	MarketSegmentID	Y	4	72	signed int	Product identifier.						
20655	TargetPartyIDSession-ID	N	4	76	unsigned int	Session ID.						
21222	PartyIDInvestment-DecisionMaker-Qualifier	N	1	80	unsigned int	Qualifier for field PartyIDInvestment-DecisionMaker. Members/participants will have the possibility to specify an Investment qualifier value to distinguish between natural persons and Algos. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algo</td> </tr> <tr> <td>24</td> <td>Human/Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algo	24	Human/Natural person
Value	Description											
22	Algo											
24	Human/Natural person											
25124	ExecutingTrader-Qualifier	Y	1	81	unsigned int	Qualifier for field ExecutingTrader. It is required to distinguish between natural persons and Algos. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algo</td> </tr> <tr> <td>24</td> <td>Human/Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algo	24	Human/Natural person
Value	Description											
22	Algo											
24	Human/Natural person											
30011	FIXCOrdID	N	20	82	Fixed String	User defined client order ID Valid characters: \x20-\x7E						
39020	Pad2	U	2	102	Fixed String	not used						

7.17 Cancel Order Response (Standard Order)

This message confirms the cancellation of a Standard Order. For more details, please refer to the ETI Manual, chapter Order Status and Execution Reports.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description				
<i><MessageHeaderOut></i>										
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.				
28500	TemplatelD	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10110 (Execution-Report, MsgType = 8)				
39020	Pad2	U	2	6	Fixed String	not used				
<i><ResponseHeaderME></i>										
5979	RequestTime	Y	8	8	UTCTimestamp	Gateway request in timestamp.				
21002	TrdRegTSTimeIn	Y	8	16	UTCTimestamp	Matching engine in timestamp.				
21003	TrdRegTSTimeOut	Y	8	24	UTCTimestamp	Matching engine out timestamp.				
7765	ResponseIn	Y	8	32	UTCTimestamp	Timestamp the gateway receives a message from the Matching Engine				
52	SendingTime	Y	8	40	UTCTimestamp	Gateway response out timestamp.				
34	MsgSeqNum	Y	4	48	unsigned int	Message sequence number used by the participant for requests sent to the gateway.				
5948	PartitionID	Y	2	52	unsigned int	Grouping of T7 products. Belongs to the scope of Service Availability and Retransmit requests.				
1180	ApplID	Y	1	54	unsigned int	Identifier for an ETI data stream. <table border="1" data-bbox="991 1397 1409 1485"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>Session Data</td> </tr> </tbody> </table>	Value	Description	4	Session Data
Value	Description									
4	Session Data									
28704	ApplMsgID	N	16	55	data	Not set if the submitting session is not the owner of the cancelled order.				
893	LastFragment	Y	1	71	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1" data-bbox="991 1762 1409 1850"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	1	Last Message
Value	Description									
1	Last Message									
<i><Message Body></i>										
37	OrderID	Y	8	72	unsigned int	Exchange Order ID generated by the T7 System; it remains constant over the lifetime of an order.				

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description								
11	CIOrdID	N	8	80	unsigned int	Client Order ID: Unique participant defined order request identifier; used for client order id chaining.								
41	OrigCIOrdID	N	8	88	unsigned int	CIOrdID (11) of the last successfully processed task (request) referring to the specific order.								
48	SecurityID	Y	8	96	signed int	Instrument identifier.								
17	ExecID	Y	8	104	UTCTimestamp	Transaction timestamp.								
14	CumQty	Y	8	112	Qty	Cumulated executed quantity of an order.								
84	CxlQty	Y	8	120	Qty	Total quantity cancelled for this order.								
39	OrdStatus	Y	1	128	char	Conveys the current status of an order. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>Cancelled</td> </tr> <tr> <td>6</td> <td>Pending Cancel (i.e. result of Order Cancel Request)</td> </tr> <tr> <td>9</td> <td>Suspended</td> </tr> </tbody> </table>	Value	Description	4	Cancelled	6	Pending Cancel (i.e. result of Order Cancel Request)	9	Suspended
Value	Description													
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150	ExecType	Y	1	129	char	The reason why this message was generated. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>Cancelled</td> </tr> <tr> <td>6</td> <td>Pending Cancel (e.g. result of Order Cancel Request)</td> </tr> </tbody> </table>	Value	Description	4	Cancelled	6	Pending Cancel (e.g. result of Order Cancel Request)		
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378	ExecRestatement-Reason	Y	2	130	unsigned int	Code to further qualify the field ExecType (150) of the Execution Report (8) message. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>103</td> <td>Order delete accepted</td> </tr> <tr> <td>197</td> <td>Pending order deletion</td> </tr> </tbody> </table>	Value	Description	103	Order delete accepted	197	Pending order deletion		
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Tag	Field Name	Req'd	Len	Ofs	Data Type	Description																				
1227	ProductComplex	Y	1	132	unsigned int	This field qualifies an instrument type on T7. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Simple instrument</td> </tr> <tr> <td>2</td> <td>Standard Option Strategy</td> </tr> <tr> <td>3</td> <td>Non-Standard Option Strategy</td> </tr> <tr> <td>4</td> <td>Volatility Strategy</td> </tr> <tr> <td>5</td> <td>Futures Spread</td> </tr> <tr> <td>6</td> <td>Inter-Product Spread</td> </tr> <tr> <td>7</td> <td>Standard Future Strategy</td> </tr> <tr> <td>8</td> <td>Pack and Bundle</td> </tr> <tr> <td>9</td> <td>Strip</td> </tr> </tbody> </table>	Value	Description	1	Simple instrument	2	Standard Option Strategy	3	Non-Standard Option Strategy	4	Volatility Strategy	5	Futures Spread	6	Inter-Product Spread	7	Standard Future Strategy	8	Pack and Bundle	9	Strip
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7	Standard Future Strategy																									
8	Pack and Bundle																									
9	Strip																									
25159	TransactionDelay-Indicator	Y	1	133	unsigned int	Indicator for a delayed transaction <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Transaction not delayed</td> </tr> <tr> <td>1</td> <td>Transaction delayed</td> </tr> </tbody> </table>	Value	Description	0	Transaction not delayed	1	Transaction delayed														
Value	Description																									
0	Transaction not delayed																									
1	Transaction delayed																									
39020	Pad2	U	2	134	Fixed String	not used																				

7.18 Cancel Order Response (Lean Order)

This message confirms the cancellation of a Lean Order. For more details, please refer to the ETI Manual, chapter Order Status and Execution Reports.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description				
<i><MessageHeaderOut></i>										
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.				
28500	TemplatelD	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10111 (Execution-Report, MsgType = 8)				
39020	Pad2	U	2	6	Fixed String	not used				
<i><NRResponseHeaderME></i>										
5979	RequestTime	Y	8	8	UTCTimestamp	Gateway request in timestamp.				
21002	TrdRegTSTimeIn	Y	8	16	UTCTimestamp	Matching engine in timestamp.				
21003	TrdRegTSTimeOut	Y	8	24	UTCTimestamp	Matching engine out timestamp.				
7765	ResponseIn	Y	8	32	UTCTimestamp	Timestamp the gateway receives a message from the Matching Engine				
52	SendingTime	Y	8	40	UTCTimestamp	Gateway response out timestamp.				
34	MsgSeqNum	Y	4	48	unsigned int	Message sequence number used by the participant for requests sent to the gateway.				
893	LastFragment	Y	1	52	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1" data-bbox="991 1397 1409 1485"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	1	Last Message
Value	Description									
1	Last Message									
39030	Pad3	U	3	53	Fixed String	not used				
<i><Message Body></i>										
37	OrderID	Y	8	56	unsigned int	Exchange Order ID generated by the T7 System; it remains constant over the lifetime of an order.				
11	CIOrdID	N	8	64	unsigned int	Client Order ID: Unique participant defined order request identifier; used for client order id chaining.				
41	OrigCIOrdID	N	8	72	unsigned int	CIOrdID (11) of the last successfully processed task (request) referring to the specific order.				
48	SecurityID	Y	8	80	signed int	Instrument identifier.				
17	ExecID	Y	8	88	UTCTimestamp	Transaction timestamp.				

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description																				
14	CumQty	Y	8	96	Qty	Cumulated executed quantity of an order.																				
84	CxlQty	Y	8	104	Qty	Total quantity cancelled for this order.																				
39	OrdStatus	Y	1	112	char	<p>Conveys the current status of an order.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>Cancelled</td> </tr> <tr> <td>6</td> <td>Pending Cancel (i.e. result of Order Cancel Request)</td> </tr> <tr> <td>9</td> <td>Suspended</td> </tr> </tbody> </table>	Value	Description	4	Cancelled	6	Pending Cancel (i.e. result of Order Cancel Request)	9	Suspended												
Value	Description																									
4	Cancelled																									
6	Pending Cancel (i.e. result of Order Cancel Request)																									
9	Suspended																									
150	ExecType	Y	1	113	char	<p>The reason why this message was generated.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>Cancelled</td> </tr> <tr> <td>6</td> <td>Pending Cancel (e.g. result of Order Cancel Request)</td> </tr> </tbody> </table>	Value	Description	4	Cancelled	6	Pending Cancel (e.g. result of Order Cancel Request)														
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6	Pending Cancel (e.g. result of Order Cancel Request)																									
378	ExecRestatement-Reason	Y	2	114	unsigned int	<p>Code to further qualify the field ExecType (150) of the Execution Report (8) message.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>103</td> <td>Order delete accepted</td> </tr> <tr> <td>197</td> <td>Pending order deletion</td> </tr> </tbody> </table>	Value	Description	103	Order delete accepted	197	Pending order deletion														
Value	Description																									
103	Order delete accepted																									
197	Pending order deletion																									
1227	ProductComplex	Y	1	116	unsigned int	<p>This field qualifies an instrument type on T7.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Simple instrument</td> </tr> <tr> <td>2</td> <td>Standard Option Strategy</td> </tr> <tr> <td>3</td> <td>Non-Standard Option Strategy</td> </tr> <tr> <td>4</td> <td>Volatility Strategy</td> </tr> <tr> <td>5</td> <td>Futures Spread</td> </tr> <tr> <td>6</td> <td>Inter-Product Spread</td> </tr> <tr> <td>7</td> <td>Standard Future Strategy</td> </tr> <tr> <td>8</td> <td>Pack and Bundle</td> </tr> <tr> <td>9</td> <td>Strip</td> </tr> </tbody> </table>	Value	Description	1	Simple instrument	2	Standard Option Strategy	3	Non-Standard Option Strategy	4	Volatility Strategy	5	Futures Spread	6	Inter-Product Spread	7	Standard Future Strategy	8	Pack and Bundle	9	Strip
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9	Strip																									

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description	
25159	TransactionDelay-Indicator	Y	1	117	unsigned int	Indicator for a delayed transaction	
						Value	Description
						0	Transaction not delayed
						1	Transaction delayed
39020	Pad2	U	2	118	Fixed String	not used	

7.19 Cancel Order Notification

This message informs about an unsolicited cancellation of a single order. For more details, please refer to the ETI Manual, chapter Order Status and Execution Reports.

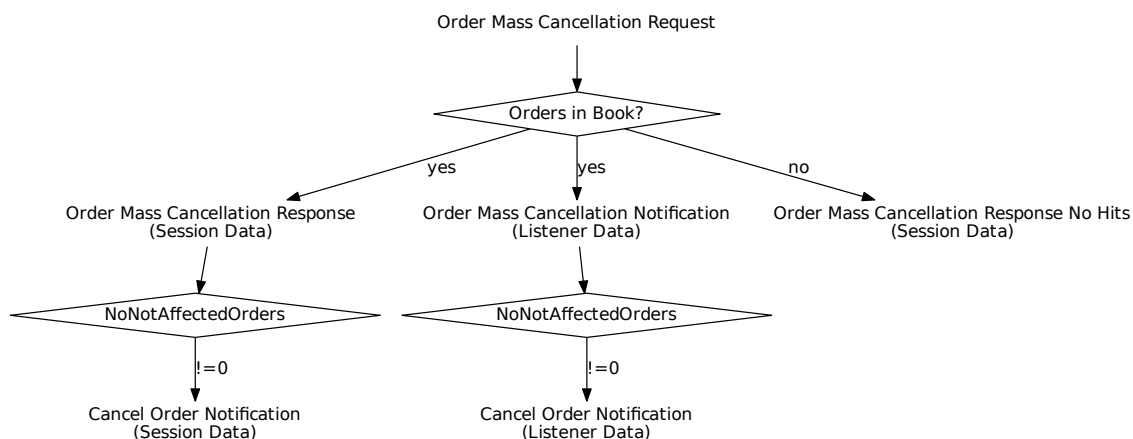
Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
<MessageHeaderOut>												
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.						
28500	TemplatelD	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10112 (Execution-Report, MsgType = 8)						
39020	Pad2	U	2	6	Fixed String	not used						
<RBCHheaderME>												
21003	TrdRegTSTimeOut	N	8	8	UTCTimestamp	Matching engine out timestamp.						
25043	NotificationIn	N	8	16	UTCTimestamp	Timestamp the gateway receives a notification message from the Matching Engine						
52	SendingTime	Y	8	24	UTCTimestamp	Gateway response out timestamp.						
28727	AppSubID	N	4	32	unsigned int	Unique ID assigned by the T7 system during broadcast subscription in order to link broadcasts to the related subscription.						
5948	PartitionID	Y	2	36	unsigned int	Grouping of T7 products. Belongs to the scope of Service Availability and Retransmit requests.						
28704	AppMsgID	N	16	38	data	Application message identifier assigned to an order or quote event.						
1180	AppIID	N	1	54	unsigned int	Identifier for an ETI data stream. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>Session Data</td> </tr> <tr> <td>5</td> <td>Listener Data</td> </tr> </tbody> </table>	Value	Description	4	Session Data	5	Listener Data
Value	Description											
4	Session Data											
5	Listener Data											
1352	AppResendFlag	Y	1	55	unsigned int	Indicates a retransmission message. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>False</td> </tr> <tr> <td>1</td> <td>True</td> </tr> </tbody> </table>	Value	Description	0	False	1	True
Value	Description											
0	False											
1	True											

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description										
893	LastFragment	Y	1	56	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	1	Last Message						
Value	Description															
1	Last Message															
39070	Pad7	U	7	57	Fixed String	not used										
<i><Message Body></i>																
37	OrderID	Y	8	64	unsigned int	Exchange Order ID generated by the T7 System; it remains constant over the lifetime of an order.										
11	ClOrdID	N	8	72	unsigned int	Client Order ID: Unique participant defined order request identifier; used for client order id chaining.										
41	OrigClOrdID	N	8	80	unsigned int	ClOrdID (11) of the last successfully processed task (request) referring to the specific order.										
48	SecurityID	Y	8	88	signed int	Instrument identifier.										
17	ExecID	Y	8	96	UTCTimestamp	Transaction timestamp.										
14	CumQty	Y	8	104	Qty	Cumulated executed quantity of an order.										
84	CxlQty	Y	8	112	Qty	Total quantity cancelled for this order.										
1300	MarketSegmentID	Y	4	120	signed int	Product identifier.										
20036	PartyIDEntering- Trader	N	4	124	unsigned int	Entering User ID.										
20055	PartyIDSessionID	N	4	128	unsigned int	Session ID.										
378	ExecRestatement- Reason	Y	2	132	unsigned int	Code to further qualify the field Exec- Type (150) of the Execution Report (8) message. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>103</td> <td>Order delete accepted</td> </tr> <tr> <td>122</td> <td>Instrument State Change</td> </tr> <tr> <td>197</td> <td>Pending order deletion</td> </tr> <tr> <td>199</td> <td>Pending order cancellation executed (end of FREEZE state)</td> </tr> </tbody> </table>	Value	Description	103	Order delete accepted	122	Instrument State Change	197	Pending order deletion	199	Pending order cancellation executed (end of FREEZE state)
Value	Description															
103	Order delete accepted															
122	Instrument State Change															
197	Pending order deletion															
199	Pending order cancellation executed (end of FREEZE state)															

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description																				
20007	PartyIDEnteringFirm	N	1	134	unsigned int	Entering Entity ID. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Participant</td> </tr> <tr> <td>2</td> <td>Market Supervision</td> </tr> </tbody> </table>	Value	Description	1	Participant	2	Market Supervision														
Value	Description																									
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39	OrdStatus	Y	1	135	char	Conveys the current status of an order. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>Cancelled</td> </tr> <tr> <td>6</td> <td>Pending Cancel (i.e. result of Order Cancel Request)</td> </tr> <tr> <td>9</td> <td>Suspended</td> </tr> </tbody> </table>	Value	Description	4	Cancelled	6	Pending Cancel (i.e. result of Order Cancel Request)	9	Suspended												
Value	Description																									
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9	Suspended																									
150	ExecType	Y	1	136	char	The reason why this message was generated. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>Cancelled</td> </tr> <tr> <td>6</td> <td>Pending Cancel (e.g. result of Order Cancel Request)</td> </tr> </tbody> </table>	Value	Description	4	Cancelled	6	Pending Cancel (e.g. result of Order Cancel Request)														
Value	Description																									
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1227	ProductComplex	Y	1	137	unsigned int	This field qualifies an instrument type on T7. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Simple instrument</td> </tr> <tr> <td>2</td> <td>Standard Option Strategy</td> </tr> <tr> <td>3</td> <td>Non-Standard Option Strategy</td> </tr> <tr> <td>4</td> <td>Volatility Strategy</td> </tr> <tr> <td>5</td> <td>Futures Spread</td> </tr> <tr> <td>6</td> <td>Inter-Product Spread</td> </tr> <tr> <td>7</td> <td>Standard Future Strategy</td> </tr> <tr> <td>8</td> <td>Pack and Bundle</td> </tr> <tr> <td>9</td> <td>Strip</td> </tr> </tbody> </table>	Value	Description	1	Simple instrument	2	Standard Option Strategy	3	Non-Standard Option Strategy	4	Volatility Strategy	5	Futures Spread	6	Inter-Product Spread	7	Standard Future Strategy	8	Pack and Bundle	9	Strip
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9	Strip																									
54	Side	Y	1	138	unsigned int	Side of the order. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </tbody> </table>	Value	Description	1	Buy	2	Sell														
Value	Description																									
1	Buy																									
2	Sell																									
30011	FIXCIClientID	N	20	139	Fixed String	User defined client order ID Valid characters: \x20-\x7E																				
39000	Pad1	U	1	159	Fixed String	not used																				

7.20 Order Mass Cancellation Request

This message is used for mass cancellation of orders. For more details, please refer to the ETI Manual, chapter Order Mass Cancellation. This message is sent to the service "Order and Quote Management".



Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderIn></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplatID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10120 (Order-MassActionRequest, MsgType = CA)
25028	NetworkMsgID	U	8	6	Fixed String	not used
39020	Pad2	U	2	14	Fixed String	not used
<i><RequestHeader></i>						
34	MsgSeqNum	Y	4	16	unsigned int	Message sequence number used by the participant for requests sent to the gateway.
50	SenderSubID	Y	4	20	unsigned int	User ID.
<i><Message Body></i>						
48	SecurityID	N	8	24	signed int	Instrument identifier.
44	Price	N	8	32	PriceType	Price boundary for deletion.
20122	PartyIDInvestment-DecisionMaker	N	8	40	unsigned int	Investment decision within firm (ES-MA Field 4 (Section A)) is the code used to identify the person or the algorithm within the member or participant of the Trading Venue who is responsible for the investment decision.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
25123	ExecutingTrader	N	8	48	unsigned int	Executing Trader data Field(ESMA Field 5 (Section A))used to identify the person or algorithm within the member or participant of the trading venue who is responsible for the execution of the transaction resulting from the order.						
1300	MarketSegmentID	Y	4	56	signed int	Product identifier.						
20655	TargetPartyIDSessionID	N	4	60	unsigned int	Session ID.						
20612	TargetPartyIDExecutingTrader	N	4	64	unsigned int	Owning User ID.						
54	Side	N	1	68	unsigned int	Side of the order. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </tbody> </table>	Value	Description	1	Buy	2	Sell
Value	Description											
1	Buy											
2	Sell											
21222	PartyIDInvestmentDecisionMakerQualifier	N	1	69	unsigned int	Qualifier for field PartyIDInvestmentDecisionMaker. Members/participants will have the possibility to specify an Investment qualifier value to distinguish between natural persons and Algos. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algo</td> </tr> <tr> <td>24</td> <td>Human/Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algo	24	Human/Natural person
Value	Description											
22	Algo											
24	Human/Natural person											
25124	ExecutingTraderQualifier	Y	1	70	unsigned int	Qualifier for field ExecutingTrader. It is required to distinguish between natural persons and Algos. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algo</td> </tr> <tr> <td>24</td> <td>Human/Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algo	24	Human/Natural person
Value	Description											
22	Algo											
24	Human/Natural person											
39000	Pad1	U	1	71	Fixed String	not used						

7.21 Order Mass Cancellation Response

This message confirms the Mass Cancellation request for orders. For more details, please refer to the ETI Manual, chapter Mass Cancellation Notification and Mass Cancellation Events.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
<i><MessageHeaderOut></i>												
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.						
28500	TemplatelD	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10121 (Order-MassActionReport, MsgType = BZ)						
39020	Pad2	U	2	6	Fixed String	not used						
<i><ResponseHeaderME></i>												
5979	RequestTime	Y	8	8	UTCTimestamp	Gateway request in timestamp.						
21002	TrdRegTSTimeIn	Y	8	16	UTCTimestamp	Matching engine in timestamp.						
21003	TrdRegTSTimeOut	Y	8	24	UTCTimestamp	Matching engine out timestamp.						
7765	ResponseIn	Y	8	32	UTCTimestamp	Timestamp the gateway receives a message from the Matching Engine						
52	SendingTime	Y	8	40	UTCTimestamp	Gateway response out timestamp.						
34	MsgSeqNum	Y	4	48	unsigned int	Message sequence number used by the participant for requests sent to the gateway.						
5948	PartitionID	Y	2	52	unsigned int	Grouping of T7 products. Belongs to the scope of Service Availability and Retransmit requests.						
1180	ApplID	Y	1	54	unsigned int	Identifier for an ETI data stream. <table border="1" data-bbox="991 1397 1409 1485"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>Session Data</td> </tr> </tbody> </table>	Value	Description	4	Session Data		
Value	Description											
4	Session Data											
28704	ApplMsgID	Y	16	55	data	Application message identifier assigned to an order or quote event.						
893	LastFragment	Y	1	71	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1" data-bbox="991 1765 1409 1888"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Not Last Message</td> </tr> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	0	Not Last Message	1	Last Message
Value	Description											
0	Not Last Message											
1	Last Message											
<i><Message Body></i>												
1369	MassActionReportID	Y	8	72	UTCTimestamp	Transaction timestamp.						
1370	NoNotAffectedOrders	Y	2	80	Counter	Number of NotAffectedOrders repeating group instances.						

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
28782	NoAffectedOrder-Requests	Y	2	82	Counter	Number of affected order transactions
39040	Pad4	U	4	84	Fixed String	not used
<NotAffectedOrdersGrp>						Cardinality: 0-500, Record counter: NoNotAffectedOrders
1371	>NotAffectedOrderID	Y	8	88	unsigned int	Exchange Order ID of an order whose cancellation is pending.
1372	>NotAffOrigCIOrdID	N	8	96	unsigned int	Original Client Order ID of an order whose cancellation is pending.
<AffectedOrderRequestsGrp>						Cardinality: 0-500, Record counter: NoAffectedOrderRequests
28783	>AffectedOrder-RequestID	Y	4	0	unsigned int	ETI message sequence number affected by the transaction
39040	>Pad4	U	4	4	Fixed String	not used

7.22 Order Mass Cancellation Response No Hits

This message confirms the Mass Cancellation request for orders if the order book of the session was not affected.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description				
<i><MessageHeaderOut></i>										
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.				
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10124 (Order-MassActionReport, MsgType = BZ)				
39020	Pad2	U	2	6	Fixed String	not used				
<i><NRResponseHeaderME></i>										
5979	RequestTime	Y	8	8	UTCTimestamp	Gateway request in timestamp.				
21002	TrdRegTSTimeIn	Y	8	16	UTCTimestamp	Matching engine in timestamp.				
21003	TrdRegTSTimeOut	Y	8	24	UTCTimestamp	Matching engine out timestamp.				
7765	ResponseIn	Y	8	32	UTCTimestamp	Timestamp the gateway receives a message from the Matching Engine				
52	SendingTime	Y	8	40	UTCTimestamp	Gateway response out timestamp.				
34	MsgSeqNum	Y	4	48	unsigned int	Message sequence number used by the participant for requests sent to the gateway.				
893	LastFragment	Y	1	52	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1" data-bbox="991 1391 1409 1480"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	1	Last Message
Value	Description									
1	Last Message									
39030	Pad3	U	3	53	Fixed String	not used				
<i><Message Body></i>										
1369	MassActionReportID	Y	8	56	UTCTimestamp	Transaction timestamp.				

7.23 Order Mass Cancellation Notification

This message informs about an unsolicited mass cancellation event of orders. For more details, please refer to the ETI Manual, chapter Mass Cancellation Notification and Mass Cancellation Events.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
<MessageHeaderOut>												
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.						
28500	TemplatelD	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10122 (Order-MassActionReport, MsgType = BZ)						
39020	Pad2	U	2	6	Fixed String	not used						
<RBCHheaderME>												
21003	TrdRegTSTimeOut	N	8	8	UTCTimestamp	Matching engine out timestamp.						
25043	NotificationIn	N	8	16	UTCTimestamp	Timestamp the gateway receives a notification message from the Matching Engine						
52	SendingTime	Y	8	24	UTCTimestamp	Gateway response out timestamp.						
28727	ApplSubID	N	4	32	unsigned int	Only set for Listener Data.						
5948	PartitionID	Y	2	36	unsigned int	Grouping of T7 products. Belongs to the scope of Service Availability and Retransmit requests.						
28704	ApplMsgID	Y	16	38	data	Application message identifier assigned to an order or quote event.						
1180	ApplID	Y	1	54	unsigned int	Identifier for an ETI data stream. <table border="1" data-bbox="991 1386 1409 1516"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>Session Data</td> </tr> <tr> <td>5</td> <td>Listener Data</td> </tr> </tbody> </table>	Value	Description	4	Session Data	5	Listener Data
Value	Description											
4	Session Data											
5	Listener Data											
1352	ApplResendFlag	Y	1	55	unsigned int	Indicates a retransmission message. <table border="1" data-bbox="991 1597 1409 1727"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>False</td> </tr> <tr> <td>1</td> <td>True</td> </tr> </tbody> </table>	Value	Description	0	False	1	True
Value	Description											
0	False											
1	True											
893	LastFragment	Y	1	56	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1" data-bbox="991 1919 1409 2049"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Not Last Message</td> </tr> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	0	Not Last Message	1	Last Message
Value	Description											
0	Not Last Message											
1	Last Message											
39070	Pad7	U	7	57	Fixed String	not used						

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description																				
<Message Body>																										
1369	MassActionReportID	Y	8	64	UTCTimestamp	Transaction timestamp.																				
48	SecurityID	N	8	72	signed int	Only set for mass cancellations on instrument (SecurityID) level.																				
44	Price	N	8	80	PriceType	Price boundary for deletion.																				
1300	MarketSegmentID	Y	4	88	signed int	Product identifier.																				
20655	TargetPartyIDSessionID	Y	4	92	unsigned int	Session ID.																				
20612	TargetPartyIDExecutingTrader	N	4	96	unsigned int	Owning User ID.																				
20036	PartyIDEnteringTrader	N	4	100	unsigned int	Entering User ID.																				
1370	NoNotAffectedOrders	Y	2	104	Counter	Number of NotAffectedOrders repeating group instances.																				
28782	NoAffectedOrderRequests	Y	2	106	Counter	Number of affected order transactions																				
20007	PartyIDEnteringFirm	N	1	108	unsigned int	Entering Entity ID. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Participant</td> </tr> <tr> <td>2</td> <td>Market Supervision</td> </tr> </tbody> </table>	Value	Description	1	Participant	2	Market Supervision														
Value	Description																									
1	Participant																									
2	Market Supervision																									
28721	MassActionReason	Y	1	109	unsigned int	Reason for mass cancellation. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No special reason</td> </tr> <tr> <td>1</td> <td>Trading was stopped</td> </tr> <tr> <td>2</td> <td>Emergency</td> </tr> <tr> <td>3</td> <td>Market Maker Protection</td> </tr> <tr> <td>6</td> <td>Session loss or logout</td> </tr> <tr> <td>7</td> <td>Duplicate Session Login</td> </tr> <tr> <td>8</td> <td>Clearing Risk Control</td> </tr> <tr> <td>107</td> <td>Instrument Suspended</td> </tr> <tr> <td>117</td> <td>Member has been disabled</td> </tr> </tbody> </table>	Value	Description	0	No special reason	1	Trading was stopped	2	Emergency	3	Market Maker Protection	6	Session loss or logout	7	Duplicate Session Login	8	Clearing Risk Control	107	Instrument Suspended	117	Member has been disabled
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8	Clearing Risk Control																									
107	Instrument Suspended																									
117	Member has been disabled																									
18	ExecInst	Y	1	110	unsigned int	Instructions for order handling. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>Persistent and non-persistent orders affected (FIX value 'H Q')</td> </tr> <tr> <td>2</td> <td>Non-persistent Order (FIX value 'Q')</td> </tr> </tbody> </table>	Value	Description	3	Persistent and non-persistent orders affected (FIX value 'H Q')	2	Non-persistent Order (FIX value 'Q')														
Value	Description																									
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2	Non-persistent Order (FIX value 'Q')																									

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
54	Side	N	1	111	unsigned int	Side of the order. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </tbody> </table>	Value	Description	1	Buy	2	Sell
Value	Description											
1	Buy											
2	Sell											
<NotAffectedOrdersGrp>						Cardinality: 0-500, Record counter: NoNotAffectedOrders						
1371	>NotAffectedOrderID	Y	8	112	unsigned int	Exchange Order ID of an order whose cancellation is pending.						
1372	>NotAffOrigClOrdID	N	8	120	unsigned int	Original Client Order ID of an order whose cancellation is pending.						
<AffectedOrderRequestsGrp>						Cardinality: 0-500, Record counter: NoAffectedOrderRequests						
28783	>AffectedOrder-RequestID	Y	4	0	unsigned int	ETI message sequence number affected by the transaction						
39040	>Pad4	U	4	4	Fixed String	not used						

7.24 Extended Order Information

This message format is used for order book restatement, retransmission of order events, the Listener Broadcast and for unsolicited order events within the session data. For more details, please refer to the ETI Manual, chapter Order Status and Execution Reports.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
<i><MessageHeaderOut></i>												
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.						
28500	TemplatID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10117 (Execution-Report, MsgType = 8)						
39020	Pad2	U	2	6	Fixed String	not used						
<i><RBCHheaderME></i>												
21003	TrdRegTSTimeOut	N	8	8	UTCTimestamp	Matching engine out timestamp.						
25043	NotificationIn	N	8	16	UTCTimestamp	Timestamp the gateway receives a notification message from the Matching Engine						
52	SendingTime	Y	8	24	UTCTimestamp	Gateway response out timestamp.						
28727	ApplSubID	N	4	32	unsigned int	Only set for Listener Data.						
5948	PartitionID	Y	2	36	unsigned int	Grouping of T7 products. Belongs to the scope of Service Availability and Retransmit requests.						
28704	ApplMsgID	N	16	38	data	Application message identifier assigned to an order or quote event.						
1180	ApplIID	Y	1	54	unsigned int	Identifier for an ETI data stream. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>Session Data</td> </tr> <tr> <td>5</td> <td>Listener Data</td> </tr> </tbody> </table>	Value	Description	4	Session Data	5	Listener Data
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1352	ApplResendFlag	Y	1	55	unsigned int	Indicates a retransmission message. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>False</td> </tr> <tr> <td>1</td> <td>True</td> </tr> </tbody> </table>	Value	Description	0	False	1	True
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893	LastFragment	Y	1	56	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Not Last Message</td> </tr> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	0	Not Last Message	1	Last Message
Value	Description											
0	Not Last Message											
1	Last Message											

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
39070	Pad7	U	7	57	Fixed String	not used
<i><Message Body></i>						
37	OrderID	Y	8	64	unsigned int	Exchange Order ID generated by the T7 System; it remains constant over the lifetime of an order.
11	ClOrdID	N	8	72	unsigned int	Client Order ID: Unique participant defined order request identifier; used for client order id chaining.
41	OrigClOrdID	N	8	80	unsigned int	ClOrdID (11) of the last successfully processed task (request) referring to the specific order.
48	SecurityID	Y	8	88	signed int	Instrument identifier.
17	ExecID	Y	8	96	UTCTimestamp	Transaction timestamp.
21009	TrdRegTSEntryTime	Y	8	104	UTCTimestamp	The entry timestamp is the time of the creation of the order.
21008	TrdRegTSTime-Priority	Y	8	112	UTCTimestamp	Priority timestamp.
44	Price	N	8	120	PriceType	Limit price. Required if OrdType (40) is Limit (2) or Stop Limit (4).
151	LeavesQty	Y	8	128	Qty	Remaining quantity of an order.
14	CumQty	Y	8	136	Qty	Cumulated executed quantity of an order.
84	CxlQty	Y	8	144	Qty	Total quantity cancelled for this order.
38	OrderQty	Y	8	152	Qty	Total Order Quantity.
99	StopPx	N	8	160	PriceType	Stop price. Required if OrdType (40) is Stop (3) or used as the trigger price for an One-cancels-the-other order.
1300	MarketSegmentID	Y	4	168	signed int	Product identifier.
432	ExpireDate	N	4	172	LocalMktDate	Date of order expiry. Required if Time-InForce (59) = 6.
28744	MatchInstCrossID	N	4	176	unsigned int	Self Match Prevention ID.
20059	PartyIDExecutingUnit	Y	4	180	unsigned int	Business Unit ID.
20055	PartyIDSessionID	Y	4	184	unsigned int	Session ID.
20012	PartyIDExecuting-Trader	Y	4	188	unsigned int	Owning User ID.
20036	PartyIDEntering-Trader	N	4	192	unsigned int	Entering User ID.
30555	NoLegExecs	Y	2	196	Counter	Number of InstrmntLegExec repeating group instances.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description																																		
378	ExecRestatement-Reason	Y	2	198	unsigned int	<p>Code to further qualify the field Exec-Type (150) of the Execution Report (8) message.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Order book restatement</td> </tr> <tr> <td>101</td> <td>Order add accepted</td> </tr> <tr> <td>102</td> <td>Order modify accepted</td> </tr> <tr> <td>103</td> <td>Order delete accepted</td> </tr> <tr> <td>105</td> <td>IOC Order accepted</td> </tr> <tr> <td>122</td> <td>Instrument State Change</td> </tr> <tr> <td>108</td> <td>Book Order executed</td> </tr> <tr> <td>135</td> <td>Market Order triggered and executed</td> </tr> <tr> <td>149</td> <td>Closing Auction Order has been activated</td> </tr> <tr> <td>150</td> <td>Closing Auction Order has been inactivated</td> </tr> <tr> <td>164</td> <td>One-cancels-the-other Order has been triggered</td> </tr> <tr> <td>172</td> <td>Stop Order has been triggered</td> </tr> <tr> <td>212</td> <td>Book or Cancel Order accepted</td> </tr> <tr> <td>199</td> <td>Pending order cancellation executed (end of FREEZE state)</td> </tr> <tr> <td>181</td> <td>Ownership Changed</td> </tr> <tr> <td>114</td> <td>Order has been changed to IOC</td> </tr> </tbody> </table>	Value	Description	1	Order book restatement	101	Order add accepted	102	Order modify accepted	103	Order delete accepted	105	IOC Order accepted	122	Instrument State Change	108	Book Order executed	135	Market Order triggered and executed	149	Closing Auction Order has been activated	150	Closing Auction Order has been inactivated	164	One-cancels-the-other Order has been triggered	172	Stop Order has been triggered	212	Book or Cancel Order accepted	199	Pending order cancellation executed (end of FREEZE state)	181	Ownership Changed	114	Order has been changed to IOC
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20007	PartyIDEnteringFirm	N	1	200	unsigned int	<p>Entering Entity ID.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Participant</td> </tr> <tr> <td>2</td> <td>Market Supervision</td> </tr> </tbody> </table>	Value	Description	1	Participant	2	Market Supervision																												
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Tag	Field Name	Req'd	Len	Ofs	Data Type	Description																				
1227	ProductComplex	Y	1	201	unsigned int	<p>This field qualifies an instrument type on T7.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Simple instrument</td> </tr> <tr> <td>2</td> <td>Standard Option Strategy</td> </tr> <tr> <td>3</td> <td>Non-Standard Option Strategy</td> </tr> <tr> <td>4</td> <td>Volatility Strategy</td> </tr> <tr> <td>5</td> <td>Futures Spread</td> </tr> <tr> <td>6</td> <td>Inter-Product Spread</td> </tr> <tr> <td>7</td> <td>Standard Future Strategy</td> </tr> <tr> <td>8</td> <td>Pack and Bundle</td> </tr> <tr> <td>9</td> <td>Strip</td> </tr> </tbody> </table>	Value	Description	1	Simple instrument	2	Standard Option Strategy	3	Non-Standard Option Strategy	4	Volatility Strategy	5	Futures Spread	6	Inter-Product Spread	7	Standard Future Strategy	8	Pack and Bundle	9	Strip
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7	Standard Future Strategy																									
8	Pack and Bundle																									
9	Strip																									
39	OrdStatus	Y	1	202	char	<p>Conveys the current status of an order.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>New</td> </tr> <tr> <td>1</td> <td>Partially filled</td> </tr> <tr> <td>2</td> <td>Filled</td> </tr> <tr> <td>4</td> <td>Cancelled</td> </tr> <tr> <td>9</td> <td>Suspended</td> </tr> </tbody> </table>	Value	Description	0	New	1	Partially filled	2	Filled	4	Cancelled	9	Suspended								
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1	Partially filled																									
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150	ExecType	Y	1	203	char	<p>The reason why this message was generated.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>New</td> </tr> <tr> <td>4</td> <td>Cancelled</td> </tr> <tr> <td>5</td> <td>Replaced</td> </tr> <tr> <td>9</td> <td>Suspended</td> </tr> <tr> <td>D</td> <td>Restated</td> </tr> <tr> <td>L</td> <td>Triggered</td> </tr> <tr> <td>F</td> <td>Trade</td> </tr> </tbody> </table>	Value	Description	0	New	4	Cancelled	5	Replaced	9	Suspended	D	Restated	L	Triggered	F	Trade				
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54	Side	Y	1	204	unsigned int	<p>Side of the order.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </tbody> </table>	Value	Description	1	Buy	2	Sell														
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Tag	Field Name	Req'd	Len	Ofs	Data Type	Description										
40	OrdType	Y	1	205	unsigned int	Order type. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Market</td> </tr> <tr> <td>2</td> <td>Limit</td> </tr> <tr> <td>3</td> <td>Stop</td> </tr> <tr> <td>4</td> <td>Stop Limit</td> </tr> </tbody> </table>	Value	Description	1	Market	2	Limit	3	Stop	4	Stop Limit
Value	Description															
1	Market															
2	Limit															
3	Stop															
4	Stop Limit															
1815	TradingCapacity	Y	1	206	unsigned int	This field designates if the trader is acting in the capacity of agent, trading for its own account or acting as a market maker. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Customer (Agency)</td> </tr> <tr> <td>5</td> <td>Principal (Proprietary)</td> </tr> <tr> <td>6</td> <td>MarketMaker</td> </tr> </tbody> </table>	Value	Description	1	Customer (Agency)	5	Principal (Proprietary)	6	MarketMaker		
Value	Description															
1	Customer (Agency)															
5	Principal (Proprietary)															
6	MarketMaker															
59	TimelnForce	N	1	207	unsigned int	Execution and trading restriction parameters supported by T7. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Day (GFD)</td> </tr> <tr> <td>1</td> <td>Good Till Cancelled (GTC)</td> </tr> <tr> <td>3</td> <td>Immediate or Cancel (IOC)</td> </tr> <tr> <td>6</td> <td>Good Till Date (GTD) - Standard Orders only</td> </tr> </tbody> </table>	Value	Description	0	Day (GFD)	1	Good Till Cancelled (GTC)	3	Immediate or Cancel (IOC)	6	Good Till Date (GTD) - Standard Orders only
Value	Description															
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3	Immediate or Cancel (IOC)															
6	Good Till Date (GTD) - Standard Orders only															
18	Execlnst	N	1	208	unsigned int	Instructions for order handling. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Persistent Order (FIX value 'H')</td> </tr> <tr> <td>2</td> <td>Non-persistent Order (FIX value 'Q')</td> </tr> <tr> <td>5</td> <td>Persistent and Book or Cancel order (FIX value 'H 6')</td> </tr> <tr> <td>6</td> <td>Non-persistent and Book or Cancel order (FIX value 'Q 6')</td> </tr> </tbody> </table>	Value	Description	1	Persistent Order (FIX value 'H')	2	Non-persistent Order (FIX value 'Q')	5	Persistent and Book or Cancel order (FIX value 'H 6')	6	Non-persistent and Book or Cancel order (FIX value 'Q 6')
Value	Description															
1	Persistent Order (FIX value 'H')															
2	Non-persistent Order (FIX value 'Q')															
5	Persistent and Book or Cancel order (FIX value 'H 6')															
6	Non-persistent and Book or Cancel order (FIX value 'Q 6')															
625	TradingSessionSubID	N	1	209	unsigned int	Marks a certain order as a closing auction one. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>Closing or closing auction</td> </tr> </tbody> </table>	Value	Description	4	Closing or closing auction						
Value	Description															
4	Closing or closing auction															

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
28703	ApplSeqIndicator	N	1	210	unsigned int	Indicates if the order is a Lean Order or a Standard Order. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No Recovery Required</td> </tr> <tr> <td>1</td> <td>Recovery Required</td> </tr> </tbody> </table>	Value	Description	0	No Recovery Required	1	Recovery Required
Value	Description											
0	No Recovery Required											
1	Recovery Required											
1	Account	N	2	211	Fixed String	Accounts to book trades and keep positions on. Valid characters: 1-9,\x41,\x45,\x47,\x4D,\x50,\x52						
20038	PartyIDPosition-Account	N	32	213	Fixed String	'Flexible Account' information. Valid characters: \x20,\x30-\x39,\x41-\x5A						
77	PositionEffect	N	1	245	char	Field is used for T7 position management purposes and indicates whether the order is submitted to open or close a position. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>C</td> <td>Close</td> </tr> <tr> <td>O</td> <td>Open</td> </tr> </tbody> </table>	Value	Description	C	Close	O	Open
Value	Description											
C	Close											
O	Open											
20096	PartyIDTakeUp-TradingFirm	N	5	246	Fixed String	Take-up Member Short Name. Valid characters: A-Z,0-9,\x20						
20013	PartyIDOrder-OriginationFirm	N	7	251	Fixed String	External Member ID. Valid characters: A-Z,0-9,\x20						
20032	PartyIDBeneficiary	N	9	258	Fixed String	Final Beneficiary Valid characters: A-Z,0-9,\x20						
20075	PartyIDLocationID	N	2	267	Fixed String	Country code. Valid characters: \x01-\x7E						
1031	CustOrderHandling-Inst	N	1	269	Fixed String	Identifies the source of an order, in accordance with the FIA guidelines for a rate Identifier.The field is for participant use only. Valid characters: \x20,\x22-\x7B,\x7D,\x7E						

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description								
2404	ComplianceText	N	20	270	Fixed String	This field is used to provide additional regulatory information (according to respective rules & regs, circulars and/or bilateral coordination between participant and Trading Surveillance Office). Valid characters: \x20,\x22-\x7B,\x7D,\x7E								
25007	FreeText1	N	12	290	Fixed String	First free-format text field for trader-specific or customer-related comments. Valid characters: \x20,\x23-\x25,\x28-\x2A,\x2C-\x3B,\x3F,\x41-\x5F,\x61-\x7B,\x7D,\x7E								
25008	FreeText2	N	12	302	Fixed String	Second free-format text field for trader-specific or customer-related comments. Will not be forwarded to CCP for cash markets. Valid characters: \x20,\x23-\x25,\x28-\x2A,\x2C-\x3B,\x3F,\x41-\x5F,\x61-\x7B,\x7D,\x7E								
25009	FreeText3	N	12	314	Fixed String	Third free-format text field for trader-specific or customer-related comments. Valid characters: \x20,\x23-\x25,\x28-\x2A,\x2C-\x3B,\x3F,\x41-\x5F,\x61-\x7B,\x7D,\x7E								
30011	FIXCOrdID	N	20	326	Fixed String	User defined client order ID Valid characters: \x20-\x7E								
1362	NoFills	Y	1	346	Counter	Specifies the number of partial fills included in this Execution Report.								
555	NoLegs	Y	1	347	Counter	Number of LegOrd repeating group instances.								
1823	Triggered	Y	1	348	unsigned int	Indicates if an order has been previously triggered. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Not Triggered</td> </tr> <tr> <td>1</td> <td>Triggered Stop</td> </tr> <tr> <td>2</td> <td>Triggered OCO</td> </tr> </tbody> </table>	Value	Description	0	Not Triggered	1	Triggered Stop	2	Triggered OCO
Value	Description													
0	Not Triggered													
1	Triggered Stop													
2	Triggered OCO													

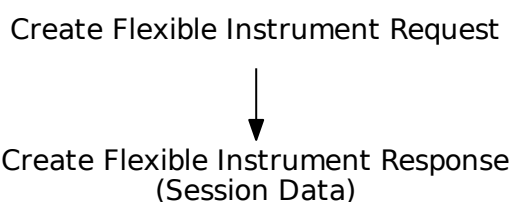
Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
2523	CrossedIndicator	Y	1	349	unsigned int	Indicates SMP involvement. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No crossing (Order not subject to crossing)</td> </tr> <tr> <td>1</td> <td>Cross rejected (Order subject to crossing and match prevented)</td> </tr> </tbody> </table>	Value	Description	0	No crossing (Order not subject to crossing)	1	Cross rejected (Order subject to crossing and match prevented)
Value	Description											
0	No crossing (Order not subject to crossing)											
1	Cross rejected (Order subject to crossing and match prevented)											
39020	Pad2	U	2	350	Fixed String	not used						
<LegOrdGrp>						Cardinality: 0-20, Record counter: NoLegs						
2680	>LegAccount	N	2	352	Fixed String	Leg-specific account to book trades and keep positions on. Valid characters: 1-9, \x41, \x47, \x4D, \x50						
564	>LegPositionEffect	Y	1	354	char	Leg-specific field used for T7 position management purposes and indicates whether the leg is submitted to open or close a position. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>C</td> <td>Close</td> </tr> <tr> <td>O</td> <td>Open</td> </tr> </tbody> </table>	Value	Description	C	Close	O	Open
Value	Description											
C	Close											
O	Open											
39050	>Pad5	U	5	355	Fixed String	not used						
<FillsGrp>						Cardinality: 0-100, Record counter: NoFills						
1364	>FillPx	Y	8	0	PriceType	Price of Fill.						
1365	>FillQty	N	8	8	Qty	Quantity of Fill.						
28708	>FillMatchID	Y	4	16	unsigned int	Unique identifier for each price level (match step) of a match event; it is used for public trade reporting.						
1363	>FillExecID	Y	4	20	signed int	Private identifier of an order match step event, which can be reconciled with the field SideTradeID (1506) in the Trade Notification.						

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description														
1443	>FillLiquidityInd	N	1	24	unsigned int	Indicates whether the order added or removed liquidity. Required only for execution reports generated for fills. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Added Liquidity</td> </tr> <tr> <td>2</td> <td>Removed Liquidity</td> </tr> <tr> <td>4</td> <td>Auction</td> </tr> <tr> <td>5</td> <td>Triggered Stop Order</td> </tr> <tr> <td>6</td> <td>Triggered OCO Order</td> </tr> <tr> <td>7</td> <td>Triggered Market Order</td> </tr> </tbody> </table>	Value	Description	1	Added Liquidity	2	Removed Liquidity	4	Auction	5	Triggered Stop Order	6	Triggered OCO Order	7	Triggered Market Order
Value	Description																			
1	Added Liquidity																			
2	Removed Liquidity																			
4	Auction																			
5	Triggered Stop Order																			
6	Triggered OCO Order																			
7	Triggered Market Order																			
39070	>Pad7	U	7	25	Fixed String	not used														
<InstrmntLegExecGrp>						Cardinality: 0-600, Record counter: NoLegExecs														
602	>LegSecurityID	Y	8	0	signed int	Instrument identifier of the leg security.														
637	>LegLastPx	Y	8	8	PriceType	Price of this leg fill.														
1418	>LegLastQty	Y	8	16	Qty	Quantity executed in this leg fill.														
1893	>LegExecID	Y	4	24	signed int	Private identifier of a leg match step, which can be reconciled with the field SideTradeID (1506) in the Trade Notification.														
624	>LegSide	Y	1	28	unsigned int	The side of the individual leg of a strategy as defined in its signature. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </tbody> </table>	Value	Description	1	Buy	2	Sell								
Value	Description																			
1	Buy																			
2	Sell																			
2421	>FillRefID	Y	1	29	unsigned int	Reference to the corresponding Fills-Grp repeating group instance.														
39020	>Pad2	U	2	30	Fixed String	not used														

8 Flexible Instrument Creation

8.1 Create Flexible Instrument Request

This message is used to create a flexible instrument on T7. This message is sent to the service "Order and Quote Management".



Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
<i><MessageHeaderIn></i>												
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.						
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10309 (Security-DefinitionRequest, MsgType = c)						
25028	NetworkMsgID	U	8	6	Fixed String	not used						
39020	Pad2	U	2	14	Fixed String	not used						
<i><RequestHeader></i>												
34	MsgSeqNum	Y	4	16	unsigned int	Message sequence number used by the participant for requests sent to the gateway.						
50	SenderSubID	Y	4	20	unsigned int	User ID.						
<i><Message Body></i>												
202	StrikePrice	N	8	24	PriceType	Strike Price for an Option.						
1300	MarketSegmentID	Y	4	32	signed int	Product identifier.						
541	MaturityDate	Y	4	36	LocalMktDate	Date of maturity.						
1193	SettlMethod	Y	1	40	char	Settlement method for a contract or instrument. <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>C</td> <td>Cash Settlement</td> </tr> <tr> <td>P</td> <td>Physical Settlement</td> </tr> </tbody> </table>	Value	Description	C	Cash Settlement	P	Physical Settlement
Value	Description											
C	Cash Settlement											
P	Physical Settlement											
206	OptAttribute	N	1	41	unsigned int	Version of option contract.						

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
201	PutOrCall	N	1	42	unsigned int	Indicates whether an option contract is a put or call. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Put</td> </tr> <tr> <td>1</td> <td>Call</td> </tr> </tbody> </table>	Value	Description	0	Put	1	Call
Value	Description											
0	Put											
1	Call											
1194	ExerciseStyle	N	1	43	unsigned int	Type of exercise of an instrument. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>European</td> </tr> <tr> <td>1</td> <td>American</td> </tr> </tbody> </table>	Value	Description	0	European	1	American
Value	Description											
0	European											
1	American											
2404	ComplianceText	N	20	44	Fixed String	This field is used to provide additional regulatory information (according to respective rules & regs, circulars and/or bilateral coordination between participant and Trading Surveillance Office). Valid characters: \x20,\x22-\x7B,\x7D,\x7E						

8.2 Create Flexible Instrument Response

This message confirms the creation of a flexible instrument.

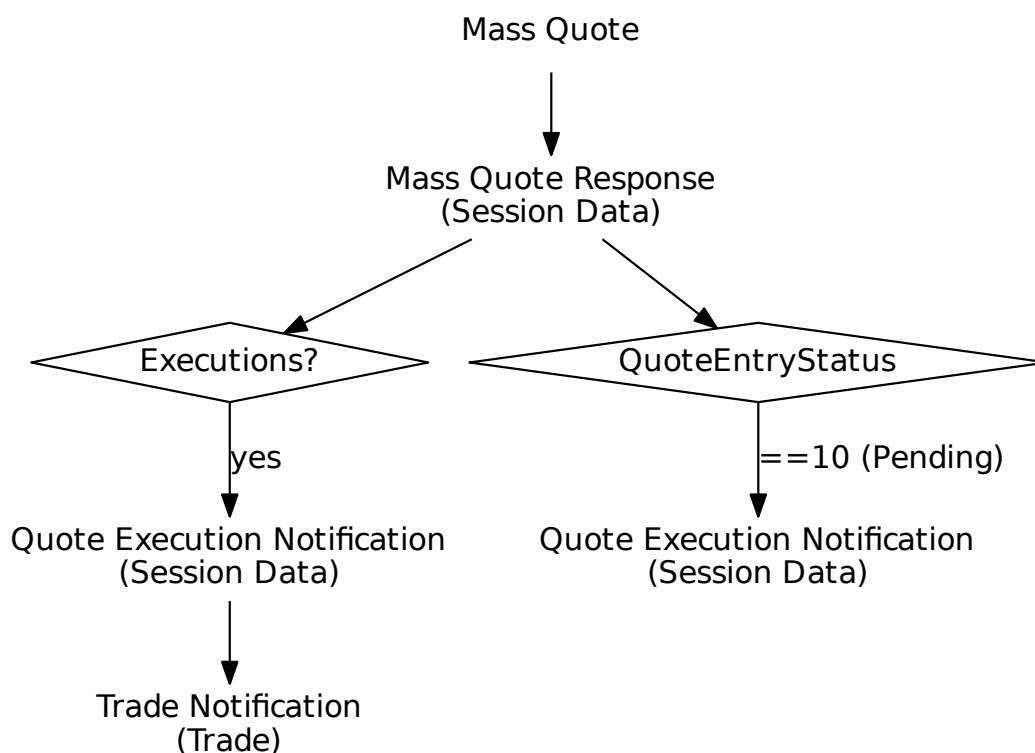
Tag	Field Name	Req'd	Len	Ofs	Data Type	Description				
<i><MessageHeaderOut></i>										
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.				
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10310 (Security-Definition, MsgType = d)				
39020	Pad2	U	2	6	Fixed String	not used				
<i><NRResponseHeaderME></i>										
5979	RequestTime	Y	8	8	UTCTimestamp	Gateway request in timestamp.				
21002	TrdRegTSTimeIn	Y	8	16	UTCTimestamp	Matching engine in timestamp.				
21003	TrdRegTSTimeOut	Y	8	24	UTCTimestamp	Matching engine out timestamp.				
7765	ResponseIn	Y	8	32	UTCTimestamp	Timestamp the gateway receives a message from the Matching Engine				
52	SendingTime	Y	8	40	UTCTimestamp	Gateway response out timestamp.				
34	MsgSeqNum	Y	4	48	unsigned int	Message sequence number used by the participant for requests sent to the gateway.				
893	LastFragment	Y	1	52	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1" data-bbox="991 1357 1409 1442"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	1	Last Message
Value	Description									
1	Last Message									
39030	Pad3	U	3	53	Fixed String	not used				
<i><Message Body></i>										
322	SecurityResponseID	Y	8	56	UTCTimestamp	Identifier for the Security Definition message.				
48	SecurityID	Y	8	64	signed int	Instrument identifier.				
202	StrikePrice	N	8	72	PriceType	Strike Price for an Option.				
1300	MarketSegmentID	Y	4	80	signed int	Product identifier.				
541	MaturityDate	Y	4	84	LocalMktDate	Date of maturity.				
1227	ProductComplex	N	1	88	unsigned int	This field qualifies an instrument type on T7. <table border="1" data-bbox="991 1895 1409 1980"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>Flexible Simple Instrument</td> </tr> </tbody> </table>	Value	Description	10	Flexible Simple Instrument
Value	Description									
10	Flexible Simple Instrument									

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
1193	SettlMethod	Y	1	89	char	Settlement method for a contract or instrument. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>C</td> <td>Cash Settlement</td> </tr> <tr> <td>P</td> <td>Physical Settlement</td> </tr> </tbody> </table>	Value	Description	C	Cash Settlement	P	Physical Settlement
Value	Description											
C	Cash Settlement											
P	Physical Settlement											
206	OptAttribute	N	1	90	unsigned int	Version of option contract.						
201	PutOrCall	N	1	91	unsigned int	Indicates whether an option contract is a put or call. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Put</td> </tr> <tr> <td>1</td> <td>Call</td> </tr> </tbody> </table>	Value	Description	0	Put	1	Call
Value	Description											
0	Put											
1	Call											
1194	ExerciseStyle	N	1	92	unsigned int	Type of exercise of an instrument. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>European</td> </tr> <tr> <td>1</td> <td>American</td> </tr> </tbody> </table>	Value	Description	0	European	1	American
Value	Description											
0	European											
1	American											
55	Symbol	Y	4	93	Fixed String	Product identifier of the Flexible Instrument. Valid characters: A-Z,0-9,\x20						
39070	Pad7	U	7	97	Fixed String	not used						

9 Quote Handling

9.1 Mass Quote

Quotes are entered using the Mass Quote message. For more details, please refer to the ETI Manual, chapter Maintaining Quotes. This message is sent to the service "Order and Quote Management".



Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderIn></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplatelD	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10405 (Mass-Quote, MsgType = i)
25028	NetworkMsgID	U	8	6	Fixed String	not used
39020	Pad2	U	2	14	Fixed String	not used
<i><RequestHeader></i>						
34	MsgSeqNum	Y	4	16	unsigned int	Message sequence number used by the participant for requests sent to the gateway.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description								
50	SenderSubID	Y	4	20	unsigned int	User ID.								
<i><Message Body></i>														
117	QuoteID	Y	8	24	unsigned int	Customer defined mass quote identifier.								
20122	PartyIDInvestment-DecisionMaker	N	8	32	unsigned int	Investment decision within firm (ESMA Field 4 (Section A)) is the code used to identify the person or the algorithm within the member or participant of the Trading Venue who is responsible for the investment decision.								
25123	ExecutingTrader	N	8	40	unsigned int	Executing Trader data Field(ESMA Field 5 (Section A))used to identify the person or algorithm within the member or participant of the trading venue who is responsible for the execution of the transaction resulting from the order.								
1300	MarketSegmentID	Y	4	48	signed int	Product identifier.								
28744	MatchInstCrossID	N	4	52	unsigned int	Self Match Prevention ID.								
25033	EnrichmentRuleID	N	2	56	unsigned int	Identifies an enrichment rule								
28710	PriceValidityCheck-Type	Y	1	58	unsigned int	Indicator how price validity check should be performed by the exchange (see the ETI Manual, chapter Price Reasonability Check). <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>None</td> </tr> <tr> <td>1</td> <td>Optional</td> </tr> <tr> <td>2</td> <td>Mandatory</td> </tr> </tbody> </table>	Value	Description	0	None	1	Optional	2	Mandatory
Value	Description													
0	None													
1	Optional													
2	Mandatory													
25126	ValueCheckTypeValue	Y	1	59	unsigned int	Indicator for checking the maximum order/quote value by the exchange. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Do not check</td> </tr> <tr> <td>1</td> <td>Check</td> </tr> </tbody> </table>	Value	Description	0	Do not check	1	Check		
Value	Description													
0	Do not check													
1	Check													
28723	QuoteSizeType	Y	1	60	unsigned int	Identifies the quoting model. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Total Size (Quote Modification)</td> </tr> <tr> <td>2</td> <td>Open Size(Quote Entry)</td> </tr> </tbody> </table>	Value	Description	1	Total Size (Quote Modification)	2	Open Size(Quote Entry)		
Value	Description													
1	Total Size (Quote Modification)													
2	Open Size(Quote Entry)													

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
537	QuoteType	Y	1	61	unsigned int	Quote Type <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Tradeable</td> </tr> <tr> <td>100</td> <td>Tradeable(BOC)</td> </tr> </tbody> </table>	Value	Description	1	Tradeable	100	Tradeable(BOC)
Value	Description											
1	Tradeable											
100	Tradeable(BOC)											
23002	OrderAttribute-LiquidityProvision	Y	1	62	unsigned int	Indication as to whether an order is submitted to a Trading Venue as part of a market making strategy. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Liquidity provision</td> </tr> <tr> <td>0</td> <td>No liquidity provision</td> </tr> </tbody> </table>	Value	Description	1	Liquidity provision	0	No liquidity provision
Value	Description											
1	Liquidity provision											
0	No liquidity provision											
295	NoQuoteEntries	Y	1	63	Counter	The number of quote entries for a Mass Quote.						
21222	PartyIdInvestment-DecisionMaker-Qualifier	N	1	64	unsigned int	Qualifier for field PartyIdInvestment-DecisionMaker. Members/participants will have the possibility to specify an Investment qualifier value to distinguish between natural persons and Algos. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algo</td> </tr> <tr> <td>24</td> <td>Human/Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algo	24	Human/Natural person
Value	Description											
22	Algo											
24	Human/Natural person											
25124	ExecutingTrader-Qualifier	Y	1	65	unsigned int	Qualifier for field ExecutingTrader. It is required to distinguish between natural persons and Algos. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algo</td> </tr> <tr> <td>24</td> <td>Human/Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algo	24	Human/Natural person
Value	Description											
22	Algo											
24	Human/Natural person											
39060	Pad6	U	6	66	Fixed String	not used						
<QuoteEntryGrp>						Cardinality: 0-100, Record counter: NoQuoteEntries						
48	>SecurityID	Y	8	72	signed int	Instrument identifier.						
132	>BidPx	N	8	80	PriceType	Bid price/rate.						
134	>BidSize	N	8	88	Qty	Quantity of bid.						
133	>OfferPx	N	8	96	PriceType	Offer price/rate.						
135	>OfferSize	N	8	104	Qty	Quantity of offer.						

9.2 Mass Quote Response

This message is the acknowledgement for a Mass Quote request. For more details, please refer to the ETI Manual, chapter Maintaining Quotes. For a list of scenarios for the valid values of QuoteEntryStatus, please refer to the ETI Manual, chapter Quote Entry Status.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description				
<i><MessageHeaderOut></i>										
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.				
28500	TemplatID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10406 (MassQuoteAcknowledgement, MsgType = b)				
39020	Pad2	U	2	6	Fixed String	not used				
<i><NRResponseHeaderME></i>										
5979	RequestTime	Y	8	8	UTCTimestamp	Gateway request in timestamp.				
21002	TrdRegTSTimeIn	Y	8	16	UTCTimestamp	Matching engine in timestamp.				
21003	TrdRegTSTimeOut	Y	8	24	UTCTimestamp	Matching engine out timestamp.				
7765	ResponseIn	Y	8	32	UTCTimestamp	Timestamp the gateway receives a message from the Matching Engine				
52	SendingTime	Y	8	40	UTCTimestamp	Gateway response out timestamp.				
34	MsgSeqNum	Y	4	48	unsigned int	Message sequence number used by the participant for requests sent to the gateway.				
893	LastFragment	Y	1	52	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1" data-bbox="991 1473 1409 1563"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	1	Last Message
Value	Description									
1	Last Message									
39030	Pad3	U	3	53	Fixed String	not used				
<i><Message Body></i>										
117	QuoteID	Y	8	56	unsigned int	Customer defined mass quote identifier.				
693	QuoteResponseID	Y	8	64	UTCTimestamp	Mass quote response identifier generated by the exchange.				
1300	MarketSegmentID	Y	4	72	signed int	Product identifier.				
295	NoQuoteEntries	Y	1	76	Counter	The number of quote entries of a Mass Quote that could not be processed as requested.				
39030	Pad3	U	3	77	Fixed String	not used				
<i><QuoteEntryAckGrp></i>						Cardinality: 0-100, Record counter: NoQuoteEntries				

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description										
48	>SecurityID	Y	8	80	signed int	Instrument identifier.										
28547	>BidCxlSize	N	8	88	Qty	Quote quantity that has been cancelled on the buy side.										
28548	>OfferCxlSize	N	8	96	Qty	Quote quantity that has been cancelled on the sell side.										
368	>QuoteEntryRejectReason	N	4	104	unsigned int	Reason code indicating why the quote entry has been rejected. Valid values are listed after this table.										
1167	>QuoteEntryStatus	Y	1	108	unsigned int	Identifies the status of an individual quote. <table border="1" data-bbox="991 875 1409 1088"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Accepted with warning</td> </tr> <tr> <td>5</td> <td>Rejected</td> </tr> <tr> <td>6</td> <td>Removed from Market</td> </tr> <tr> <td>10</td> <td>Pending</td> </tr> </tbody> </table>	Value	Description	0	Accepted with warning	5	Rejected	6	Removed from Market	10	Pending
Value	Description															
0	Accepted with warning															
5	Rejected															
6	Removed from Market															
10	Pending															
39030	>Pad3	U	3	109	Fixed String	not used										

Valid Values of QuoteEntryRejectReason (datatype QuoteEntryRejectReason)

Valid Value	Description
1	Unknown security
6	Duplicate quote
8	Invalid price
16	Reference price not available
100	Single sided quotes not allowed
103	Invalid usage of quoting model
106	Invalid size
107	Invalid underlying price
108	Bid price not reasonable
109	Ask price not reasonable
110	Bid price exceeds extended price range
111	Ask price exceeds extended price range
115	Instrument state freeze
116	Deletion already pending
117	Fuse Box violation on session level
118	Fuse Box violation on BU level
119	Entitlement not assigned for underlying
124	Instrument is currently not tradeable on book
125	Quantity exceeds trader specific limit

126	Value exceeds trader specific limit
127	Invalid quote spread
128	Book-or-Cancel quote type
131	Instrument state does not allow processing
143	Trading indication running for trader
144	On-Book trading disabled for instrument type
147	Liquidity provider protection bid side cancelled
148	Liquidity provider protection ask side cancelled
*	More values

9.3 Quote Execution Notification

This message informs about quote match events. For more details, please refer to the ETI Manual, chapter Maintaining Quotes.

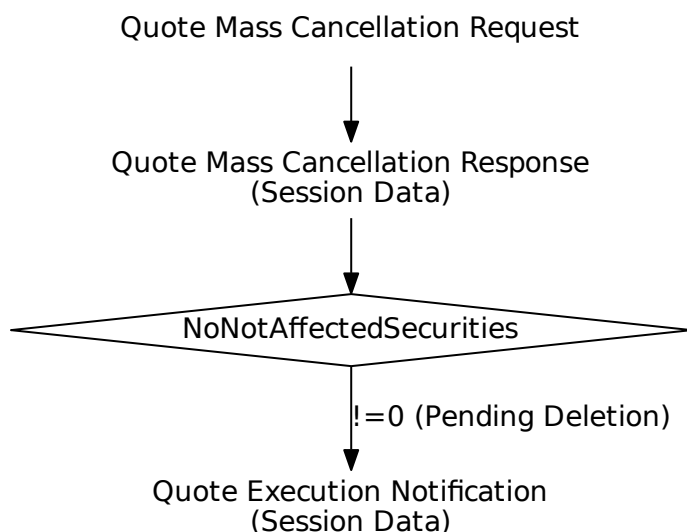
Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
<i><MessageHeaderOut></i>												
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.						
28500	TemplatelD	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10407 (Quote-ExecutionReport, MsgType = U8)						
39020	Pad2	U	2	6	Fixed String	not used						
<i><RBCHheaderME></i>												
21003	TrdRegTSTimeOut	N	8	8	UTCTimestamp	Matching engine out timestamp.						
25043	NotificationIn	N	8	16	UTCTimestamp	Timestamp the gateway receives a notification message from the Matching Engine						
52	SendingTime	Y	8	24	UTCTimestamp	Gateway response out timestamp.						
28727	ApplSubID	U	4	32	unsigned int	not used						
5948	PartitionID	Y	2	36	unsigned int	Grouping of T7 products. Belongs to the scope of Service Availability and Retransmit requests.						
28704	ApplMsgID	N	16	38	data	Application message identifier assigned to an order or quote event.						
1180	ApplID	Y	1	54	unsigned int	Identifier for an ETI data stream. <table border="1" data-bbox="991 1355 1409 1442"> <tr> <th>Value</th> <th>Description</th> </tr> <tr> <td>4</td> <td>Session Data</td> </tr> </table>	Value	Description	4	Session Data		
Value	Description											
4	Session Data											
1352	ApplResendFlag	Y	1	55	unsigned int	Indicates a retransmission message. <table border="1" data-bbox="991 1525 1409 1653"> <tr> <th>Value</th> <th>Description</th> </tr> <tr> <td>0</td> <td>False</td> </tr> <tr> <td>1</td> <td>True</td> </tr> </table>	Value	Description	0	False	1	True
Value	Description											
0	False											
1	True											
893	LastFragment	Y	1	56	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1" data-bbox="991 1848 1409 1975"> <tr> <th>Value</th> <th>Description</th> </tr> <tr> <td>0</td> <td>Not Last Message</td> </tr> <tr> <td>1</td> <td>Last Message</td> </tr> </table>	Value	Description	0	Not Last Message	1	Last Message
Value	Description											
0	Not Last Message											
1	Last Message											
39070	Pad7	U	7	57	Fixed String	not used						
<i><Message Body></i>												

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description										
17	ExecID	Y	8	64	UTCTimestamp	Transaction timestamp.										
1300	MarketSegmentID	Y	4	72	signed int	Product identifier.										
30555	NoLegExecs	Y	2	76	Counter	Number of InstrmntLegExec repeating group instances.										
28706	NoQuoteEvents	Y	1	78	Counter	Number of QuoteEvent repeating group instances.										
39000	Pad1	U	1	79	Fixed String	not used										
<QuoteEventGrp>						Cardinality: 1-100, Record counter: NoQuoteEvents										
48	>SecurityID	Y	8	80	signed int	Instrument identifier.										
28553	>QuoteEventPx	N	8	88	PriceType	Price of this fill.										
28542	>QuoteEventQty	N	8	96	Qty	Quantity executed in this fill.										
1166	>QuoteMsgID	Y	8	104	unsigned int	Customer defined mass quote identifier.										
28714	>QuoteEventMatchID	N	4	112	unsigned int	Unique identifier for each price level (match step) of a match event; it is used for public trade reporting.										
28711	>QuoteEventExecID	N	4	116	signed int	Private identifier of a quote match step, which can be reconciled with the field SideTradeID (1506) in the Trade Notification.										
28539	>QuoteEventType	Y	1	120	unsigned int	Conveys the quote event type. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Modified side</td> </tr> <tr> <td>3</td> <td>Removed Quote Side</td> </tr> <tr> <td>4</td> <td>Partially Filled</td> </tr> <tr> <td>5</td> <td>Filled</td> </tr> </tbody> </table>	Value	Description	2	Modified side	3	Removed Quote Side	4	Partially Filled	5	Filled
Value	Description															
2	Modified side															
3	Removed Quote Side															
4	Partially Filled															
5	Filled															
28581	>QuoteEventSide	Y	1	121	unsigned int	Side of the quote. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </tbody> </table>	Value	Description	1	Buy	2	Sell				
Value	Description															
1	Buy															
2	Sell															
28641	>QuoteEventLiquidityInd	N	1	122	unsigned int	Indicates whether the quote added or removed liquidity. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Added Liquidity</td> </tr> <tr> <td>2</td> <td>Removed Liquidity</td> </tr> <tr> <td>4</td> <td>Auction</td> </tr> </tbody> </table>	Value	Description	1	Added Liquidity	2	Removed Liquidity	4	Auction		
Value	Description															
1	Added Liquidity															
2	Removed Liquidity															
4	Auction															

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description												
28733	>QuoteEventReason	N	1	123	unsigned int	Additional information why quote side was removed. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>14</td> <td>Pending Cancellation Executed</td> </tr> <tr> <td>15</td> <td>Invalid Price</td> </tr> <tr> <td>16</td> <td>Quote subject to crossing and match prevented</td> </tr> <tr> <td>17</td> <td>Quote deleted due to Book-or-Cancel quote type</td> </tr> <tr> <td>18</td> <td>Quote deleted due to passive liquidity protection</td> </tr> </tbody> </table>	Value	Description	14	Pending Cancellation Executed	15	Invalid Price	16	Quote subject to crossing and match prevented	17	Quote deleted due to Book-or-Cancel quote type	18	Quote deleted due to passive liquidity protection
Value	Description																	
14	Pending Cancellation Executed																	
15	Invalid Price																	
16	Quote subject to crossing and match prevented																	
17	Quote deleted due to Book-or-Cancel quote type																	
18	Quote deleted due to passive liquidity protection																	
39040	>Pad4	U	4	124	Fixed String	not used												
<QuoteLegExecGrp>						Cardinality: 0-600, Record counter: NoLegExecs												
602	>LegSecurityID	Y	8	0	signed int	Instrument identifier of the leg security.												
637	>LegLastPx	Y	8	8	PriceType	Price of this leg fill.												
1418	>LegLastQty	Y	8	16	Qty	Quantity executed in this leg fill.												
1893	>LegExecID	Y	4	24	signed int	Private identifier of a leg match step, which can be reconciled with the field SideTradeID (1506) in the Trade Notification.												
624	>LegSide	Y	1	28	unsigned int	The side of the individual leg of a strategy as defined in its signature. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </tbody> </table>	Value	Description	1	Buy	2	Sell						
Value	Description																	
1	Buy																	
2	Sell																	
25011	>NoQuoteEvents-Index	Y	1	29	unsigned int	Reference to the corresponding QuoteEvent repeating group instance.												
39020	>Pad2	U	2	30	Fixed String	not used												

9.4 Quote Mass Cancellation Request

This message is used for the mass cancellation of quotes. For more details, please refer to the ETI Manual, chapter Maintaining Quotes. This message is sent to the service "Order and Quote Management".



Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderIn></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplatelD	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10408 (Order-MassActionRequest, MsgType = CA)
25028	NetworkMsgID	U	8	6	Fixed String	not used
39020	Pad2	U	2	14	Fixed String	not used
<i><RequestHeader></i>						
34	MsgSeqNum	Y	4	16	unsigned int	Message sequence number used by the participant for requests sent to the gateway.
50	SenderSubID	Y	4	20	unsigned int	User ID.
<i><Message Body></i>						
20122	PartyIdInvestment-DecisionMaker	N	8	24	unsigned int	Investment decision within firm (ES-MA Field 4 (Section A)) is the code used to identify the person or the algorithm within the member or participant of the Trading Venue who is responsible for the investment decision.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
25123	ExecutingTrader	N	8	32	unsigned int	Executing Trader data Field(ESMA Field 5 (Section A))used to identify the person or algorithm within the member or participant of the trading venue who is responsible for the execution of the transaction resulting from the order.						
1300	MarketSegmentID	Y	4	40	signed int	Product identifier.						
20655	TargetPartyIDSession-ID	N	4	44	unsigned int	Session ID.						
21222	PartyIDInvestment-DecisionMaker-Qualifier	N	1	48	unsigned int	Qualifier for field PartyIDInvestment-DecisionMaker. Members/participants will have the possibility to specify an Investment qualifier value to distinguish between natural persons and Algos. <table border="1" data-bbox="991 1064 1409 1189"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algo</td> </tr> <tr> <td>24</td> <td>Human/Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algo	24	Human/Natural person
Value	Description											
22	Algo											
24	Human/Natural person											
25124	ExecutingTrader-Qualifier	Y	1	49	unsigned int	Qualifier for field ExecutingTrader. It is required to distinguish between natural persons and Algos. <table border="1" data-bbox="991 1368 1409 1494"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algo</td> </tr> <tr> <td>24</td> <td>Human/Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algo	24	Human/Natural person
Value	Description											
22	Algo											
24	Human/Natural person											
39060	Pad6	U	6	50	Fixed String	not used						

9.5 Quote Mass Cancellation Response

This message confirms a Quote Mass Cancellation request.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
<i><MessageHeaderOut></i>												
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.						
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10409 (Order-MassActionReport, MsgType = BZ)						
39020	Pad2	U	2	6	Fixed String	not used						
<i><NRResponseHeaderME></i>												
5979	RequestTime	Y	8	8	UTCTimestamp	Gateway request in timestamp.						
21002	TrdRegTSTimeIn	N	8	16	UTCTimestamp	Matching engine in timestamp.						
21003	TrdRegTSTimeOut	N	8	24	UTCTimestamp	Matching engine out timestamp.						
7765	ResponseIn	Y	8	32	UTCTimestamp	Timestamp the gateway receives a message from the Matching Engine						
52	SendingTime	Y	8	40	UTCTimestamp	Gateway response out timestamp.						
34	MsgSeqNum	Y	4	48	unsigned int	Message sequence number used by the participant for requests sent to the gateway.						
893	LastFragment	Y	1	52	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1" data-bbox="991 1357 1409 1487"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Not Last Message</td> </tr> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	0	Not Last Message	1	Last Message
Value	Description											
0	Not Last Message											
1	Last Message											
39030	Pad3	U	3	53	Fixed String	not used						
<i><Message Body></i>												
1369	MassActionReportID	Y	8	56	UTCTimestamp	Transaction timestamp.						
28707	NoNotAffectedSecurities	Y	2	64	Counter	Number of NotAffectedSecurities repeating group instances.						
39060	Pad6	U	6	66	Fixed String	not used						
<i><NotAffectedSecuritiesGrp></i>						Cardinality: 0-500, Record counter: NoNotAffectedSecurities						
28702	>NotAffectedSecurityID	Y	8	72	unsigned int	Instrument ID whose quote mass cancellation is pending.						

9.6 Quote Mass Cancellation Notification

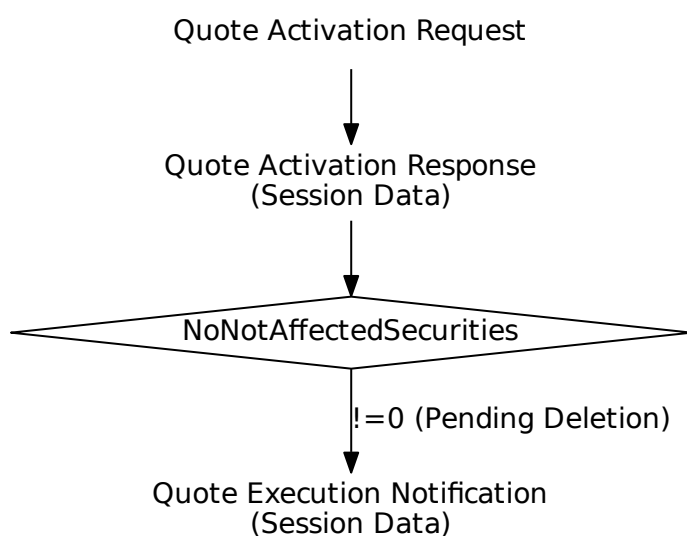
This message informs about an unsolicited Quote Mass Cancellation event. For more details, please refer to the ETI Manual, chapter Mass Cancellation Notification and Mass Cancellation Events.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
<i><MessageHeaderOut></i>												
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.						
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10410 (Order-MassActionReport, MsgType = BZ)						
39020	Pad2	U	2	6	Fixed String	not used						
<i><RBCHheaderME></i>												
21003	TrdRegTSTimeOut	N	8	8	UTCTimestamp	Matching engine out timestamp.						
25043	NotificationIn	N	8	16	UTCTimestamp	Timestamp the gateway receives a notification message from the Matching Engine						
52	SendingTime	Y	8	24	UTCTimestamp	Gateway response out timestamp.						
28727	ApplSubID	U	4	32	unsigned int	not used						
5948	PartitionID	Y	2	36	unsigned int	Grouping of T7 products. Belongs to the scope of Service Availability and Retransmit requests.						
28704	ApplMsgID	N	16	38	data	Application message identifier assigned to an order or quote event.						
1180	ApplID	Y	1	54	unsigned int	Identifier for an ETI data stream. <table border="1" data-bbox="991 1386 1409 1473"> <tr> <th>Value</th> <th>Description</th> </tr> <tr> <td>4</td> <td>Session Data</td> </tr> </table>	Value	Description	4	Session Data		
Value	Description											
4	Session Data											
1352	ApplResendFlag	Y	1	55	unsigned int	Indicates a retransmission message. <table border="1" data-bbox="991 1556 1409 1682"> <tr> <th>Value</th> <th>Description</th> </tr> <tr> <td>0</td> <td>False</td> </tr> <tr> <td>1</td> <td>True</td> </tr> </table>	Value	Description	0	False	1	True
Value	Description											
0	False											
1	True											
893	LastFragment	Y	1	56	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1" data-bbox="991 1879 1409 2004"> <tr> <th>Value</th> <th>Description</th> </tr> <tr> <td>0</td> <td>Not Last Message</td> </tr> <tr> <td>1</td> <td>Last Message</td> </tr> </table>	Value	Description	0	Not Last Message	1	Last Message
Value	Description											
0	Not Last Message											
1	Last Message											
39070	Pad7	U	7	57	Fixed String	not used						
<i><Message Body></i>												

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description																		
1369	MassActionReportID	Y	8	64	UTCTimestamp	Transaction timestamp.																		
48	SecurityID	U	8	72	signed int	not used																		
1300	MarketSegmentID	Y	4	80	signed int	Product identifier.																		
20655	TargetPartyIDSession-ID	Y	4	84	unsigned int	Session ID.																		
20036	PartyIDEntering-Trader	N	4	88	unsigned int	Entering User ID.																		
20612	TargetParty-IDExecutingTrader	N	4	92	unsigned int	Owning User ID.																		
28707	NoNotAffected-Securities	Y	2	96	Counter	Number of NotAffectedSecurities repeating group instances.																		
28721	MassActionReason	Y	1	98	unsigned int	Reason for mass cancellation. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No special reason</td> </tr> <tr> <td>1</td> <td>Trading was stopped</td> </tr> <tr> <td>2</td> <td>Emergency</td> </tr> <tr> <td>3</td> <td>Market Maker Protection</td> </tr> <tr> <td>6</td> <td>Session loss or logout</td> </tr> <tr> <td>7</td> <td>Duplicate Session Login</td> </tr> <tr> <td>8</td> <td>Clearing Risk Control</td> </tr> <tr> <td>117</td> <td>Member has been disabled</td> </tr> </tbody> </table>	Value	Description	0	No special reason	1	Trading was stopped	2	Emergency	3	Market Maker Protection	6	Session loss or logout	7	Duplicate Session Login	8	Clearing Risk Control	117	Member has been disabled
Value	Description																							
0	No special reason																							
1	Trading was stopped																							
2	Emergency																							
3	Market Maker Protection																							
6	Session loss or logout																							
7	Duplicate Session Login																							
8	Clearing Risk Control																							
117	Member has been disabled																							
20007	PartyIDEnteringFirm	N	1	99	unsigned int	Entering Entity ID. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Participant</td> </tr> <tr> <td>2</td> <td>Market Supervision</td> </tr> </tbody> </table>	Value	Description	1	Participant	2	Market Supervision												
Value	Description																							
1	Participant																							
2	Market Supervision																							
20676	TargetPartyIDDeskID	N	3	100	Fixed String	Trader Group. Valid characters: A-Z,0-9,\x20																		
39000	Pad1	U	1	103	Fixed String	not used																		
<NotAffectedSecuritiesGrp>						Cardinality: 0-500, Record counter: NoNotAffectedSecurities																		
28702	>NotAffected-SecurityID	Y	8	104	unsigned int	Instrument ID whose quote mass cancellation or activation is pending.																		

9.7 Quote Activation Request

This message is used for inactivation and activation of quotes of a session within the product scope or (for derivatives markets only) the product and instrument type scope. For more details, please refer to the ETI Manual, chapter Quote Activation/Inactivation. This message is sent to the service "Order and Quote Management".



Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderIn></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10403 (Order-MassActionRequest, MsgType = CA)
25028	NetworkMsgID	U	8	6	Fixed String	not used
39020	Pad2	U	2	14	Fixed String	not used
<i><RequestHeader></i>						
34	MsgSeqNum	Y	4	16	unsigned int	Message sequence number used by the participant for requests sent to the gateway.
50	SenderSubID	Y	4	20	unsigned int	User ID.
<i><Message Body></i>						

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
20122	PartyIdInvestment-DecisionMaker	N	8	24	unsigned int	Investment decision within firm (ES-MA Field 4 (Section A)) is the code used to identify the person or the algorithm within the member or participant of the Trading Venue who is responsible for the investment decision.						
25123	ExecutingTrader	N	8	32	unsigned int	Executing Trader data Field(ESMA Field 5 (Section A))used to identify the person or algorithm within the member or participant of the trading venue who is responsible for the execution of the transaction resulting from the order.						
1300	MarketSegmentID	Y	4	40	signed int	Product identifier.						
20655	TargetPartyIDSession-ID	Y	4	44	unsigned int	Session ID.						
1373	MassActionType	Y	1	48	unsigned int	Specifies the type of action requested. <table border="1" data-bbox="991 1117 1410 1283"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Suspend quotes</td> </tr> <tr> <td>2</td> <td>Release quotes from suspension</td> </tr> </tbody> </table>	Value	Description	1	Suspend quotes	2	Release quotes from suspension
Value	Description											
1	Suspend quotes											
2	Release quotes from suspension											
28768	MassActionSubType	N	1	49	unsigned int	Restriction for MassActionType(1373) = Release_quotes(2) <table border="1" data-bbox="991 1406 1410 1491"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Book or cancel</td> </tr> </tbody> </table>	Value	Description	1	Book or cancel		
Value	Description											
1	Book or cancel											
21222	PartyIdInvestment-DecisionMaker-Qualifier	N	1	50	unsigned int	Qualifier for field PartyIdInvestment-DecisionMaker. Members/participants will have the possibility to specify an Investment qualifier value to distinguish between natural persons and Algos. <table border="1" data-bbox="991 1812 1410 1937"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algo</td> </tr> <tr> <td>24</td> <td>Human/Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algo	24	Human/Natural person
Value	Description											
22	Algo											
24	Human/Natural person											

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
25124	ExecutingTrader- Qualifier	Y	1	51	unsigned int	Qualifier for field ExecutingTrader. It is required to distinguish between natural persons and Algos. <table border="1" data-bbox="991 524 1412 651"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algo</td> </tr> <tr> <td>24</td> <td>Human/Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algo	24	Human/Natural person
Value	Description											
22	Algo											
24	Human/Natural person											
39040	Pad4	U	4	52	Fixed String	not used						

9.8 Quote Activation Response

The Quote Activation Response message confirms a Quote Activation Request.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
<i><MessageHeaderOut></i>												
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.						
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10404 (Order-MassActionReport, MsgType = BZ)						
39020	Pad2	U	2	6	Fixed String	not used						
<i><NRResponseHeaderME></i>												
5979	RequestTime	Y	8	8	UTCTimestamp	Gateway request in timestamp.						
21002	TrdRegTSTimeIn	N	8	16	UTCTimestamp	Matching engine in timestamp.						
21003	TrdRegTSTimeOut	N	8	24	UTCTimestamp	Matching engine out timestamp.						
7765	ResponseIn	Y	8	32	UTCTimestamp	Timestamp the gateway receives a message from the Matching Engine						
52	SendingTime	Y	8	40	UTCTimestamp	Gateway response out timestamp.						
34	MsgSeqNum	Y	4	48	unsigned int	Message sequence number used by the participant for requests sent to the gateway.						
893	LastFragment	Y	1	52	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1" data-bbox="991 1361 1412 1487"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Not Last Message</td> </tr> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	0	Not Last Message	1	Last Message
Value	Description											
0	Not Last Message											
1	Last Message											
39030	Pad3	U	3	53	Fixed String	not used						
<i><Message Body></i>												
1369	MassActionReportID	Y	8	56	UTCTimestamp	Transaction timestamp.						
28707	NoNotAffectedSecurities	Y	2	64	Counter	Number of NotAffectedSecurities repeating group instances.						
39060	Pad6	U	6	66	Fixed String	not used						
<i><NotAffectedSecuritiesGrp></i>						Cardinality: 0-500, Record counter: NoNotAffectedSecurities						
28702	>NotAffectedSecurityID	Y	8	72	unsigned int	Instrument ID whose quote mass cancellation or activation is pending.						

9.9 Quote Activation Notification

This message informs about an unsolicited inactivation and activation of quotes.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
<i><MessageHeaderOut></i>												
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.						
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10411 (Order-MassActionReport, MsgType = BZ)						
39020	Pad2	U	2	6	Fixed String	not used						
<i><RBCHeaderME></i>												
21003	TrdRegTSTimeOut	N	8	8	UTCTimestamp	Matching engine out timestamp.						
25043	NotificationIn	N	8	16	UTCTimestamp	Timestamp the gateway receives a notification message from the Matching Engine						
52	SendingTime	Y	8	24	UTCTimestamp	Gateway response out timestamp.						
28727	ApplSubID	U	4	32	unsigned int	not used						
5948	PartitionID	Y	2	36	unsigned int	Grouping of T7 products. Belongs to the scope of Service Availability and Retransmit requests.						
28704	ApplMsgID	Y	16	38	data	Application message identifier assigned to an order or quote event.						
1180	ApplID	Y	1	54	unsigned int	Identifier for an ETI data stream. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>Session Data</td> </tr> </tbody> </table>	Value	Description	4	Session Data		
Value	Description											
4	Session Data											
1352	ApplResendFlag	Y	1	55	unsigned int	Indicates a retransmission message. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>False</td> </tr> <tr> <td>1</td> <td>True</td> </tr> </tbody> </table>	Value	Description	0	False	1	True
Value	Description											
0	False											
1	True											
893	LastFragment	Y	1	56	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Not Last Message</td> </tr> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	0	Not Last Message	1	Last Message
Value	Description											
0	Not Last Message											
1	Last Message											
39070	Pad7	U	7	57	Fixed String	not used						
<i><Message Body></i>												
1369	MassActionReportID	Y	8	64	UTCTimestamp	Transaction timestamp.						

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
1300	MarketSegmentID	Y	4	72	signed int	Product identifier.						
20036	PartyIDEntering-Trader	N	4	76	unsigned int	Entering User ID.						
28707	NoNotAffectedSecurities	Y	2	80	Counter	Number of NotAffectedSecurities repeating group instances.						
20007	PartyIDEnteringFirm	N	1	82	unsigned int	Entering Entity ID. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Participant</td> </tr> <tr> <td>2</td> <td>Market Supervision</td> </tr> </tbody> </table>	Value	Description	1	Participant	2	Market Supervision
Value	Description											
1	Participant											
2	Market Supervision											
1373	MassActionType	Y	1	83	unsigned int	Specifies the type of action requested. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Suspend quotes</td> </tr> <tr> <td>2</td> <td>Release quotes from suspension</td> </tr> </tbody> </table>	Value	Description	1	Suspend quotes	2	Release quotes from suspension
Value	Description											
1	Suspend quotes											
2	Release quotes from suspension											
28768	MassActionSubType	N	1	84	unsigned int	Restriction for MassActionType(1373) = Release_quotes(2) <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Book or cancel</td> </tr> </tbody> </table>	Value	Description	1	Book or cancel		
Value	Description											
1	Book or cancel											
28721	MassActionReason	Y	1	85	unsigned int	Reason for mass cancellation. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No special reason</td> </tr> <tr> <td>3</td> <td>Market Maker Protection</td> </tr> </tbody> </table>	Value	Description	0	No special reason	3	Market Maker Protection
Value	Description											
0	No special reason											
3	Market Maker Protection											
39020	Pad2	U	2	86	Fixed String	not used						
<NotAffectedSecuritiesGrp>						Cardinality: 0-500, Record counter: NoNotAffectedSecurities						
28702	>NotAffectedSecurityID	Y	8	88	unsigned int	Instrument ID whose quote mass cancellation or activation is pending.						

9.10 Inquire Market Maker Parameters

This message is used to inquire for the Market Maker Parameters currently active for a session. For more details, please refer to the ETI Manual, chapter Market Maker Protection. This message is sent to the service "Order and Quote Management".

Inquire Market Maker Parameters



Inquire Market Maker Parameters Response
 (Session Data)

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderIn></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplatID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10305 (MMPParameterRequest, MsgType = U17)
25028	NetworkMsgID	U	8	6	Fixed String	not used
39020	Pad2	U	2	14	Fixed String	not used
<i><RequestHeader></i>						
34	MsgSeqNum	Y	4	16	unsigned int	Message sequence number used by the participant for requests sent to the gateway.
50	SenderSubID	Y	4	20	unsigned int	User ID.
<i><Message Body></i>						
1300	MarketSegmentID	Y	4	24	signed int	Product identifier.
20655	TargetPartyIDSession-ID	N	4	28	unsigned int	Session ID.

9.11 Inquire Market Maker Parameters Response

This message is the positive response to the Inquire Market Maker Parameters request.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description				
<i><MessageHeaderOut></i>										
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.				
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10306 (MMPParameterResponse, MsgType = U18)				
39020	Pad2	U	2	6	Fixed String	not used				
<i><NRResponseHeaderME></i>										
5979	RequestTime	Y	8	8	UTCTimestamp	Gateway request in timestamp.				
21002	TrdRegTSTimeIn	Y	8	16	UTCTimestamp	Matching engine in timestamp.				
21003	TrdRegTSTimeOut	Y	8	24	UTCTimestamp	Matching engine out timestamp.				
7765	ResponseIn	Y	8	32	UTCTimestamp	Timestamp the gateway receives a message from the Matching Engine				
52	SendingTime	Y	8	40	UTCTimestamp	Gateway response out timestamp.				
34	MsgSeqNum	Y	4	48	unsigned int	Message sequence number used by the participant for requests sent to the gateway.				
893	LastFragment	Y	1	52	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1" data-bbox="991 1397 1409 1485"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	1	Last Message
Value	Description									
1	Last Message									
39030	Pad3	U	3	53	Fixed String	not used				
<i><Message Body></i>										
28717	MMPParameterReportID	Y	8	56	UTCTimestamp	Transaction timestamp.				
1300	MarketSegmentID	Y	4	64	signed int	Product identifier.				
28705	NoMMPParameters	Y	1	68	Counter	Number of MMPParameters repeating group instances.				
39030	Pad3	U	3	69	Fixed String	not used				
<i><MMPParameterGrp></i>						Cardinality: 0-9, Record counter: NoMMPParameters				
1629	>ExposureDuration	Y	8	72	signed int	Participant defined time frame (in milliseconds) the risk protection parameters should be counted.				

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
14	>CumQty	Y	8	80	Qty	Volume threshold: total number of traded contracts.
7966	>Delta	Y	8	88	Qty	The Delta counter holds for futures the difference of bought future contracts and sold future contracts. For options it is the the difference of (long calls + short puts) and (short calls + long puts).
7968	>Vega	Y	8	96	Qty	Absolute number of contracts purchased reduced by the number of contracts sold (for options only)
28615	>PctCount	Y	4	104	signed int	The Percent counter sums up each trade as a percentage of the original volume.
20655	>TargetParty- IDSessionID	N	4	108	unsigned int	Session ID.

9.12 Market Maker Parameter Definition

This message is used for definition of market maker protection parameters for a session. For more details, please refer to the ETI Manual, chapter Market Maker Protection. This message is sent to the service "Order and Quote Management".

Market Maker Parameter Definition



Market Maker Parameter Definition Response
 (Session Data)

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderIn></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10303 (MMPParameterDefinitionRequest, MsgType = U14)
25028	NetworkMsgID	U	8	6	Fixed String	not used
39020	Pad2	U	2	14	Fixed String	not used
<i><RequestHeader></i>						
34	MsgSeqNum	Y	4	16	unsigned int	Message sequence number used by the participant for requests sent to the gateway.
50	SenderSubID	Y	4	20	unsigned int	User ID.
<i><Message Body></i>						
1629	ExposureDuration	Y	8	24	signed int	Participant defined time frame (in milliseconds) the risk protection parameters should be counted.
14	CumQty	Y	8	32	Qty	Volume threshold: total number of traded contracts.
7966	Delta	Y	8	40	Qty	The Delta counter holds for futures the difference of bought future contracts and sold future contracts. For options it is the the difference of (long calls + short puts) and (short calls + long puts).

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
7968	Vega	Y	8	48	Qty	Absolute number of contracts purchased reduced by the number of contracts sold (for options only)
1300	MarketSegmentID	Y	4	56	signed int	Product identifier.
20655	TargetPartyIDSession-ID	N	4	60	unsigned int	Session ID.
28615	PctCount	Y	4	64	signed int	The Percent counter sums up each trade as a percentage of the original volume.
39040	Pad4	U	4	68	Fixed String	not used

9.13 Market Maker Parameter Definition Response

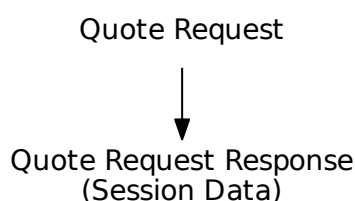
This message confirms a Market Maker Parameter Definition request.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description				
<i><MessageHeaderOut></i>										
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.				
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10304 (Request-Acknowledge, MsgType = U1)				
39020	Pad2	U	2	6	Fixed String	not used				
<i><NRResponseHeaderME></i>										
5979	RequestTime	Y	8	8	UTCTimestamp	Gateway request in timestamp.				
21002	TrdRegTSTimeIn	Y	8	16	UTCTimestamp	Matching engine in timestamp.				
21003	TrdRegTSTimeOut	Y	8	24	UTCTimestamp	Matching engine out timestamp.				
7765	ResponseIn	Y	8	32	UTCTimestamp	Timestamp the gateway receives a message from the Matching Engine				
52	SendingTime	Y	8	40	UTCTimestamp	Gateway response out timestamp.				
34	MsgSeqNum	Y	4	48	unsigned int	Message sequence number used by the participant for requests sent to the gateway.				
893	LastFragment	Y	1	52	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1" data-bbox="991 1357 1409 1444"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	1	Last Message
Value	Description									
1	Last Message									
39030	Pad3	U	3	53	Fixed String	not used				
<i><Message Body></i>										
17	ExecID	N	8	56	UTCTimestamp	Transaction timestamp.				

10 Quote and Cross Request

10.1 Quote Request

This message is used to send a Quote Request. For more details, please refer to the ETI Manual, chapter Request for Quote. This message is sent to the service "Order and Quote Management".



Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
<i><MessageHeaderIn></i>												
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.						
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10401 (Quote-Request, MsgType = R)						
25028	NetworkMsgID	U	8	6	Fixed String	not used						
39020	Pad2	U	2	14	Fixed String	not used						
<i><RequestHeader></i>												
34	MsgSeqNum	Y	4	16	unsigned int	Message sequence number used by the participant for requests sent to the gateway.						
50	SenderSubID	Y	4	20	unsigned int	User ID.						
<i><Message Body></i>												
48	SecurityID	Y	8	24	signed int	Instrument identifier.						
38	OrderQty	N	8	32	Qty	Total Order Quantity.						
1300	MarketSegmentID	Y	4	40	signed int	Product identifier.						
54	Side	N	1	44	unsigned int	Side of the order. <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </tbody> </table>	Value	Description	1	Buy	2	Sell
Value	Description											
1	Buy											
2	Sell											

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
2404	ComplianceText	N	20	45	Fixed String	This field is used to provide additional regulatory information (according to respective rules & regs, circulars and/or bilateral coordination between participant and Trading Surveillance Office). Valid characters: \x20,\x22-\x7B,\x7D,\x7E
39070	Pad7	U	7	65	Fixed String	not used

10.2 Quote Request Response

This message confirms a Quote Request.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description				
<i><MessageHeaderOut></i>										
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.				
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10402 (Request-Acknowledge, MsgType = U1)				
39020	Pad2	U	2	6	Fixed String	not used				
<i><NRResponseHeaderME></i>										
5979	RequestTime	Y	8	8	UTCTimestamp	Gateway request in timestamp.				
21002	TrdRegTSTimeIn	Y	8	16	UTCTimestamp	Matching engine in timestamp.				
21003	TrdRegTSTimeOut	Y	8	24	UTCTimestamp	Matching engine out timestamp.				
7765	ResponseIn	Y	8	32	UTCTimestamp	Timestamp the gateway receives a message from the Matching Engine				
52	SendingTime	Y	8	40	UTCTimestamp	Gateway response out timestamp.				
34	MsgSeqNum	Y	4	48	unsigned int	Message sequence number used by the participant for requests sent to the gateway.				
893	LastFragment	Y	1	52	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1" data-bbox="991 1357 1409 1444"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	1	Last Message
Value	Description									
1	Last Message									
39030	Pad3	U	3	53	Fixed String	not used				
<i><Message Body></i>										
17	ExecID	Y	8	56	UTCTimestamp	Transaction timestamp.				

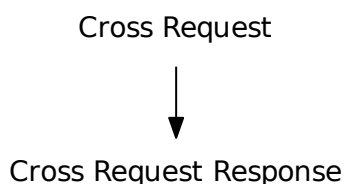
10.3 Cross Request Response

This message confirms a Cross Request.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description				
<i><MessageHeaderOut></i>										
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.				
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10119 (Request-Acknowledge, MsgType = U1)				
39020	Pad2	U	2	6	Fixed String	not used				
<i><NRResponseHeaderME></i>										
5979	RequestTime	Y	8	8	UTCTimestamp	Gateway request in timestamp.				
21002	TrdRegTSTimeIn	Y	8	16	UTCTimestamp	Matching engine in timestamp.				
21003	TrdRegTSTimeOut	Y	8	24	UTCTimestamp	Matching engine out timestamp.				
7765	ResponseIn	Y	8	32	UTCTimestamp	Timestamp the gateway receives a message from the Matching Engine				
52	SendingTime	Y	8	40	UTCTimestamp	Gateway response out timestamp.				
34	MsgSeqNum	Y	4	48	unsigned int	Message sequence number used by the participant for requests sent to the gateway.				
893	LastFragment	Y	1	52	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1" data-bbox="991 1359 1412 1444"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	1	Last Message
Value	Description									
1	Last Message									
39030	Pad3	U	3	53	Fixed String	not used				
<i><Message Body></i>										
17	ExecID	Y	8	56	UTCTimestamp	Transaction timestamp.				

10.4 Cross Request

This message is used to create a Cross Request. For more details, please refer to the ETI Manual, chapter Cross Request. This message is sent to the service "Order and Quote Management".

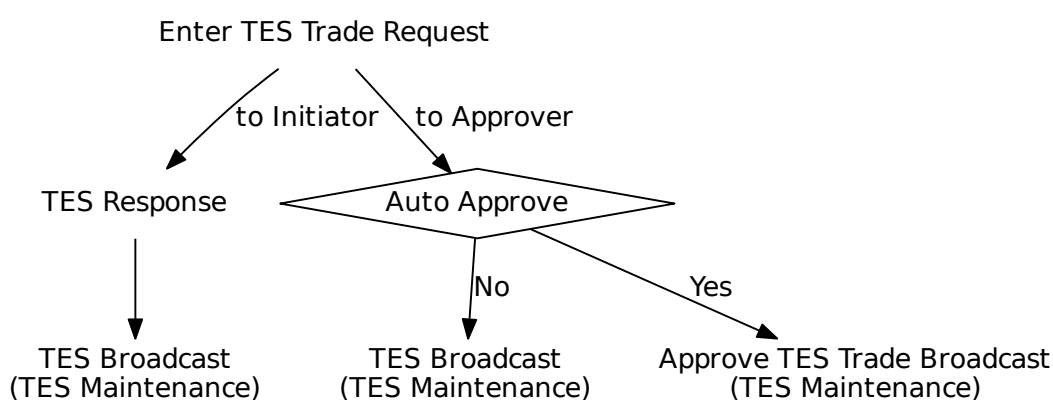


Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderIn></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplatID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10118 (Cross-Request, MsgType = DS)
25028	NetworkMsgID	U	8	6	Fixed String	not used
39020	Pad2	U	2	14	Fixed String	not used
<i><RequestHeader></i>						
34	MsgSeqNum	Y	4	16	unsigned int	Message sequence number used by the participant for requests sent to the gateway.
50	SenderSubID	Y	4	20	unsigned int	User ID.
<i><Message Body></i>						
48	SecurityID	Y	8	24	signed int	Instrument identifier.
38	OrderQty	Y	8	32	Qty	Total Order Quantity.
1300	MarketSegmentID	Y	4	40	signed int	Product identifier.
2404	ComplianceText	N	20	44	Fixed String	This field is used to provide additional regulatory information (according to respective rules & regs, circulars and/or bilateral coordination between participant and Trading Surveillance Office). Valid characters: \x20,\x22-\x7B,\x7D,\x7E

11 TES Trading

11.1 Enter TES Trade Request

This message is submitted by the Initiator and allows the entry of a TES trade. It specifies all users involved on the buy and sell side of the TES trade (approving users). The general TES trade information is visible to all approving users. After the request has successfully been accepted, the executing user will become the initiating user of the TES trade. This message is sent to the service "T7 Entry".



Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderIn></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10600 (Trade-CaptureReport, MsgType = AE)
25028	NetworkMsgID	U	8	6	Fixed String	not used
39020	Pad2	U	2	14	Fixed String	not used
<i><RequestHeader></i>						
34	MsgSeqNum	Y	4	16	unsigned int	Message sequence number used by the participant for requests sent to the gateway.
50	SenderSubID	Y	4	20	unsigned int	User ID.
<i><Message Body></i>						
48	SecurityID	Y	8	24	signed int	Instrument identifier.
31	LastPx	Y	8	32	PriceType	Price of TES trade.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
483	TransBkdTime	N	8	40	UTCTimestamp	Time of Commencement, the time when an Off-Book trade was concluded outside the T7 System. There is a market specific validation of Time of Commencement by the T7 back-end.
810	UnderlyingPx	N	8	48	PriceType	Underlying price associate with a derivative instrument. To be set for TrdType (1001) EFP-Fin Trade [optional].
2589	RelatedClosePrice	N	8	56	floatDecimal6	User defined index price. To be set for TrdType (1004) Trade at Market [mandatory].
1860	RelatedTradeQuantity	N	8	64	Qty	Quantity of the related trade. To be set for TrdType (1000) Vola Trade [mandatory].
879	UnderlyingQty	N	8	72	Qty	Nominal value. To be set for Trdtype (12) Exchange for Swap [mandatory], (1001) EFP-Fin Trade [mandatory]and (1002) EFP-Index Futures Trade [mandatory].
1300	MarketSegmentID	Y	4	80	signed int	Product identifier.
987	UnderlyingSettlement-Date	N	4	84	LocalMktDate	Date the underlying instrument will settle. To be set for TrdType (1) Echange for Swap [optional] and (1001) EFP-Fin Trade [optional].
542	UnderlyingMaturity-Date	N	4	88	LocalMktDate	Underlying security's maturity date. To be set for TrdType (1001) EFP-Fin Trade [mandatory].
1856	RelatedTradeID	N	4	92	unsigned int	Identifier of a related trade. To be set for TrdType (1000) Vola Trade [mandatory].
2546	RelatedMarket-SegmentID	N	4	96	signed int	Identifies a related product. To be set for TrdType (1000) Vola Trade [mandatory].
28758	NegotiationID	N	4	100	unsigned int	ID of a SRQS negotiation
25152	SRQSRelatedTradeID	N	4	104	unsigned int	Trade ID out of a SRQS Negotiation Event

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description																						
828	TrdType	Y	2	108	unsigned int	Type of TES trade. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Block Trade</td> </tr> <tr> <td>12</td> <td>Exchange for Swap</td> </tr> <tr> <td>1000</td> <td>Vola Trade</td> </tr> <tr> <td>1001</td> <td>EFP-Fin Trade</td> </tr> <tr> <td>1002</td> <td>EFP-Index Futures Trade</td> </tr> <tr> <td>1004</td> <td>Trade at Market</td> </tr> </tbody> </table>	Value	Description	1	Block Trade	12	Exchange for Swap	1000	Vola Trade	1001	EFP-Fin Trade	1002	EFP-Index Futures Trade	1004	Trade at Market								
Value	Description																											
1	Block Trade																											
12	Exchange for Swap																											
1000	Vola Trade																											
1001	EFP-Fin Trade																											
1002	EFP-Index Futures Trade																											
1004	Trade at Market																											
1227	ProductComplex	N	1	110	unsigned int	This field qualifies an instrument type on T7. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Simple instrument</td> </tr> <tr> <td>2</td> <td>Standard Option Strategy</td> </tr> <tr> <td>3</td> <td>Non-Standard Option Strategy</td> </tr> <tr> <td>4</td> <td>Volatility Strategy</td> </tr> <tr> <td>5</td> <td>Futures Spread</td> </tr> <tr> <td>6</td> <td>Inter-Product Spread</td> </tr> <tr> <td>7</td> <td>Standard Future Strategy</td> </tr> <tr> <td>8</td> <td>Pack and Bundle</td> </tr> <tr> <td>9</td> <td>Strip</td> </tr> <tr> <td>10</td> <td>Flexible Simple Instrument</td> </tr> </tbody> </table>	Value	Description	1	Simple instrument	2	Standard Option Strategy	3	Non-Standard Option Strategy	4	Volatility Strategy	5	Futures Spread	6	Inter-Product Spread	7	Standard Future Strategy	8	Pack and Bundle	9	Strip	10	Flexible Simple Instrument
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856	TradeReportType	Y	1	111	unsigned int	Identifies the type of trade notification. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Trade</td> </tr> </tbody> </table>	Value	Description	0	Trade																		
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0	Trade																											
1390	TradePublishIndicator	Y	1	112	unsigned int	Indicates if a trade should be reported via the market reporting service. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Do Not Publish Trade</td> </tr> <tr> <td>1</td> <td>Publish Trade</td> </tr> </tbody> </table>	Value	Description	0	Do Not Publish Trade	1	Publish Trade																
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0	Do Not Publish Trade																											
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28709	NoSideAllocs	Y	1	113	Counter	Number of allocation in a T7 Entry Service trade. Number of TES trade sides in a TES trade																						
864	NoEvents	Y	1	114	Counter	Number of repeating EventType entries.																						

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description										
555	NoLegs	Y	1	115	Counter	Number of repeating TrdInstrmntLeg-Grp entries (number of legs for user provided leg trade prices).										
870	NoInstrAttrib	Y	1	116	Counter	Number of repeating InstrAttribType entries.										
887	NoUnderlyingStips	Y	1	117	Counter	Number of underlying stipulation entries.										
20010	PartyIDSettlement-Location	N	1	118	unsigned int	<p>ID of settlement location.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Clearstream Banking Frankfurt</td> </tr> <tr> <td>2</td> <td>Clearstream Banking Luxembourg</td> </tr> <tr> <td>3</td> <td>CLS Group</td> </tr> <tr> <td>4</td> <td>Euroclear</td> </tr> </tbody> </table>	Value	Description	1	Clearstream Banking Frankfurt	2	Clearstream Banking Luxembourg	3	CLS Group	4	Euroclear
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1	Clearstream Banking Frankfurt															
2	Clearstream Banking Luxembourg															
3	CLS Group															
4	Euroclear															
29008	HedgeType	N	1	119	unsigned int	<p>Hedging method.</p> <p>To be set for TrdType (12) Exchange for Swap [mandatory], (1001) EFP-Fin Trade [mandatory] and (1002) EFI-Index Futures Trade [mandatory].</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Duration Hedge</td> </tr> <tr> <td>1</td> <td>Nominal Hedge</td> </tr> <tr> <td>2</td> <td>Price Factor Hedge</td> </tr> </tbody> </table>	Value	Description	0	Duration Hedge	1	Nominal Hedge	2	Price Factor Hedge		
Value	Description															
0	Duration Hedge															
1	Nominal Hedge															
2	Price Factor Hedge															
28583	TradeReportText	N	20	120	Fixed String	<p>User defined text field.</p> <p>Valid characters: \x01-\x7E</p>										
571	TradeReportID	N	20	140	Fixed String	<p>User defined transaction ID. Part of the TES response and TES broadcast.</p> <p>Valid characters: \x01-\x7E</p>										
309	UnderlyingSecurityID	N	12	160	ISIN	<p>Underlying security's ID (ISIN).</p> <p>To be set for TrdType (1001) EFP-Fin Trade [mandatory].</p> <p>Valid characters: A-Z,0-9,\x20</p>										
307	UnderlyingSecurity-Desc	N	30	172	Fixed String	<p>Description of the Underlying security.</p> <p>To be set for TrdType (1001) EFP-Fin Trade [optional].</p> <p>Valid characters: \x01-\x7E</p>										

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
318	UnderlyingCurrency	N	3	202	CurrencyType	Underlying security's currency. To be set for TrdType (12) Exchange for Swap [optional]and (1001) EFP-Fin Trade [optional]. Valid characters: A-Z,0-9,\x20						
306	UnderlyingIssuer	N	30	205	Fixed String	The issuer or name of the underlying security. To be set for TrdType (1001) EFP-Fin Trade [optional]. Valid characters: \x01-\x7E						
39050	Pad5	U	5	235	Fixed String	not used						
<SideAllocGrp>						Cardinality: 1-30, Record counter: NoSideAllocs						
80	>AllocQty	Y	8	240	Qty	Quantity of the particular trade side in the TES trade.						
467	>IndividualAllocID	U	4	248	unsigned int	not used						
54	>Side	Y	1	252	unsigned int	Side of the TES trade. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </tbody> </table>	Value	Description	1	Buy	2	Sell
Value	Description											
1	Buy											
2	Sell											
22001	>PartyExecutingFirm	Y	5	253	Fixed String	Owning business unit name. Valid characters: A-Z,0-9,\x20						
22012	>PartyExecuting- Trader	Y	6	258	Fixed String	Owning user name. Valid characters: A-Z,0-9,\x20						
<TrdInstrmntLegGrp>						Cardinality: 0-20, Record counter: NoLegs						
602	>LegSecurityID	Y	8	0	signed int	Instrument identifier of the leg security.						
566	>LegPrice	Y	8	8	PriceType	User provided leg trade price (not for underlying leg).						
<InstrumentEventGrp>						Cardinality: 0-2, Record counter: No-Events						
866	>EventDate	Y	4	0	LocalMktDate	Date of event. To be set for TrdType (12) Exchange for Swap [mandatory].						

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description														
865	>EventType	Y	1	4	unsigned int	Code to represent the type of event. To be set for (12) Exchange for Swap [Swap_Start_Date, swap_End_date: mandatory]. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>8</td> <td>Swap Start Date</td> </tr> <tr> <td>9</td> <td>Swap End Date</td> </tr> </tbody> </table>	Value	Description	8	Swap Start Date	9	Swap End Date								
Value	Description																			
8	Swap Start Date																			
9	Swap End Date																			
39030	>Pad3	U	3	5	Fixed String	not used														
<InstrumentAttributeGrp>						Cardinality: 0-6, Record counter: NoInstrAttrib														
871	>InstrAttribType	Y	1	0	unsigned int	Code to represent the type of instrument attribute. To be set for TrdType (12) Exchange for Swap[Swap, Customer_1, Swap_Customer_2 Variable_Rate, Offset_to-the_variable_coupon_rate: optional], (1001) EFP-Fin Trade [Coupon_Rate: optional] and (1002) EFP-Index Futures Trade[Cash_Basket_Reference: mandatory]. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>Variable rate</td> </tr> <tr> <td>100</td> <td>Coupon rate</td> </tr> <tr> <td>101</td> <td>Offset to the variable coupon rate</td> </tr> <tr> <td>102</td> <td>Swap Customer 1</td> </tr> <tr> <td>103</td> <td>Swap Customer 2</td> </tr> <tr> <td>104</td> <td>Cash Basket Reference</td> </tr> </tbody> </table>	Value	Description	5	Variable rate	100	Coupon rate	101	Offset to the variable coupon rate	102	Swap Customer 1	103	Swap Customer 2	104	Cash Basket Reference
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101	Offset to the variable coupon rate																			
102	Swap Customer 1																			
103	Swap Customer 2																			
104	Cash Basket Reference																			
872	>InstrAttribValue	Y	32	1	Fixed String	Attribute value appropriate to the InstrAttribType field. To be set for TrdTyp (12) Exchange for Swap [optional], (1001) EFP-Fin Trade [optional] and (1002) EFP-Index Futures Trade [mandatory]. Valid characters: \x01-\x7E														
39070	>Pad7	U	7	33	Fixed String	not used														
<UnderlyingStipGrp>						Cardinality: 0-1, Record counter: NoUnderlyingStips														

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description				
889	>UnderlyingStipValue	Y	32	0	Fixed String	Value of stipulation. In case of coupon frequency , fill the field with coupon frequency value. To be set for TrdType (12) Exchange for Swap [optional] and (1001) EFP-Fin Trade [optional]. Valid characters: \x01-\x7E				
888	>UnderlyingStipType	Y	7	32	Fixed String	Type of stipulation. e.g. to denote coupon frequency. Pay_Frequency to be set for TrdType (12) Exchange for Swap [optional] and (1001) EFP-Fin Trade [optional]. <table border="1" data-bbox="991 864 1412 949"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>PAYFREQ</td> <td>Pay_Frequency</td> </tr> </tbody> </table>	Value	Description	PAYFREQ	Pay_Frequency
Value	Description									
PAYFREQ	Pay_Frequency									
39000	>Pad1	U	1	39	Fixed String	not used				

11.2 TES Response

This message confirms Enter TES Trade, Modify TES Trade, Delete TES Trade, Approve TES Trade, and Upload TES Trade requests.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderOut></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10611 (Trade-CaptureReportAck, MsgType = AR)
39020	Pad2	U	2	6	Fixed String	not used
<i><ResponseHeader></i>						
5979	RequestTime	Y	8	8	UTCTimestamp	Gateway request in timestamp.
52	SendingTime	Y	8	16	UTCTimestamp	Gateway response out timestamp.
34	MsgSeqNum	Y	4	24	unsigned int	Message sequence number used by the participant for requests sent to the gateway.
39040	Pad4	U	4	28	Fixed String	not used
<i><Message Body></i>						
30017	TESExecID	Y	4	32	unsigned int	System transaction identifier for a T7 Entry Service transaction.
571	TradeReportID	Y	20	36	Fixed String	User defined transaction ID. Part of the TES response and TES broadcast. Valid characters: \x01-\x7E

11.3 TES Status Broadcast

This message informs about the TES status.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
<i><MessageHeaderOut></i>												
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.						
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10615 (Trading-SessionStatus, MsgType = h)						
39020	Pad2	U	2	6	Fixed String	not used						
<i><RBCHeader></i>												
52	SendingTime	Y	8	8	UTCTimestamp	Gateway response out timestamp.						
1181	ApplSeqNum	Y	8	16	unsigned int	Application sequence number assigned to a non-order related T7 ETI data stream.						
28727	ApplSubID	N	4	24	unsigned int	Unique ID assigned by the T7 system during broadcast subscription in order to link broadcasts to the related subscription.						
5948	PartitionID	Y	2	28	unsigned int	Grouping of T7 products. Belongs to the scope of Service Availability and Retransmit requests.						
1352	ApplResendFlag	Y	1	30	unsigned int	Indicates a retransmission message. <table border="1" data-bbox="991 1319 1410 1447"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>False</td> </tr> <tr> <td>1</td> <td>True</td> </tr> </tbody> </table>	Value	Description	0	False	1	True
Value	Description											
0	False											
1	True											
1180	ApplID	Y	1	31	unsigned int	Identifier for an ETI data stream. <table border="1" data-bbox="991 1525 1410 1653"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>7</td> <td>TES Maintenance</td> </tr> <tr> <td>8</td> <td>TES Trade</td> </tr> </tbody> </table>	Value	Description	7	TES Maintenance	8	TES Trade
Value	Description											
7	TES Maintenance											
8	TES Trade											
893	LastFragment	Y	1	32	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1" data-bbox="991 1850 1410 1933"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	1	Last Message		
Value	Description											
1	Last Message											
39070	Pad7	U	7	33	Fixed String	not used						
<i><Message Body></i>												
75	TradeDate	Y	4	40	LocalMktDate	Business date.						

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
1368	TradSesEvent	Y	1	44	unsigned int	Trading session event type. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>101</td> <td>Start of Service</td> </tr> <tr> <td>104</td> <td>End of Service</td> </tr> </tbody> </table>	Value	Description	101	Start of Service	104	End of Service
Value	Description											
101	Start of Service											
104	End of Service											
39030	Pad3	U	3	45	Fixed String	not used						

11.4 TES Broadcast

This message informs about entered, modified or uploaded TES Trades.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
<i><MessageHeaderOut></i>												
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.						
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10604 (Trade-CaptureReport, MsgType = AE)						
39020	Pad2	U	2	6	Fixed String	not used						
<i><RBCHeader></i>												
52	SendingTime	Y	8	8	UTCTimestamp	Gateway response out timestamp.						
1181	ApplSeqNum	Y	8	16	unsigned int	Application sequence number assigned to a non-order related T7 ETI data stream.						
28727	ApplSubID	N	4	24	unsigned int	Unique ID assigned by the T7 system during broadcast subscription in order to link broadcasts to the related subscription.						
5948	PartitionID	Y	2	28	unsigned int	Grouping of T7 products. Belongs to the scope of Service Availability and Retransmit requests.						
1352	ApplResendFlag	Y	1	30	unsigned int	Indicates a retransmission message. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>False</td> </tr> <tr> <td>1</td> <td>True</td> </tr> </tbody> </table>	Value	Description	0	False	1	True
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1180	ApplIID	Y	1	31	unsigned int	Identifier for an ETI data stream. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>7</td> <td>TES Maintenance</td> </tr> </tbody> </table>	Value	Description	7	TES Maintenance		
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893	LastFragment	Y	1	32	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	1	Last Message		
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39070	Pad7	U	7	33	Fixed String	not used						
<i><Message Body></i>												
48	SecurityID	Y	8	40	signed int	Instrument identifier.						
31	LastPx	Y	8	48	PriceType	Price of TES trade.						

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
60	TransactTime	Y	8	56	UTCTimestamp	Transaction timestamp.
810	UnderlyingPx	N	8	64	PriceType	Underlying price associate with a derivative instrument. To be set for TrdType (1001) EFP-Fin Trade [optional].
483	TransBkdTime	N	8	72	UTCTimestamp	Time of Commencement, the time when an Off-Book trade was concluded outside the T7 System. There is a market specific validation of Time of Commencement by the T7 back-end.
2589	RelatedClosePrice	N	8	80	floatDecimal6	User defined index price. To be set for TrdType (1004) Trade at Market [mandatory].
1860	RelatedTradeQuantity	N	8	88	Qty	Quantity of the related trade. To be set for TrdType (1000) Vola Trade [mandatory].
879	UnderlyingQty	N	8	96	Qty	Nominal value. To be set for Trdtype (12) Exchange for Swap [mandatory], (1001) EFP-Fin Trade [mandatory]and (1002) EFP-Index Futures Trade [mandatory].
1300	MarketSegmentID	Y	4	104	signed int	Product identifier.
2489	PackageID	Y	4	108	unsigned int	Identifier for a T7 Entry Service trade i.e. TES trade ID.
30017	TESExecID	Y	4	112	unsigned int	System transaction identifier for a T7 Entry Service transaction.
987	UnderlyingSettlement-Date	N	4	116	LocalMktDate	Date the underlying instrument will settle. To be set for TrdType (1) Exchange for Swap [optional] and (1001) EFP-Fin Trade [optional].
542	UnderlyingMaturity-Date	N	4	120	LocalMktDate	Underlying security's maturity date. To be set for TrdType (1001) EFP-Fin Trade [mandatory].
1856	RelatedTradeID	N	4	124	unsigned int	Identifier of a related trade. To be set for TrdType (1000) Vola Trade [mandatory].
2546	RelatedMarket-SegmentID	N	4	128	signed int	Identifies a related product. To be set for TrdType (1000) Vola Trade [mandatory].

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description														
28758	NegotiationID	N	4	132	unsigned int	ID of a SRQS negotiation														
25152	SRQSRelatedTradeID	N	4	136	unsigned int	Trade ID out of a SRQS Negotiation Event														
828	TrdType	Y	2	140	unsigned int	Type of TES trade. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Block Trade</td> </tr> <tr> <td>12</td> <td>Exchange for Swap</td> </tr> <tr> <td>1000</td> <td>Vola Trade</td> </tr> <tr> <td>1001</td> <td>EFP-Fin Trade</td> </tr> <tr> <td>1002</td> <td>EFP-Index Futures Trade</td> </tr> <tr> <td>1004</td> <td>Trade at Market</td> </tr> </tbody> </table>	Value	Description	1	Block Trade	12	Exchange for Swap	1000	Vola Trade	1001	EFP-Fin Trade	1002	EFP-Index Futures Trade	1004	Trade at Market
Value	Description																			
1	Block Trade																			
12	Exchange for Swap																			
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856	TradeReportType	Y	1	142	unsigned int	Identifies the type of trade notification. The values 1 (= Alleged) and 5 (= No/Was) can occur only in the context of Total Return/Variance/-TARP/MoC Futures, where 'Alleged' represents the preliminary Trade Report during the business day and 'No/Was' is the final Trade Report at the end of the business day. The values 2 (=Accept), 6 (=Trade Report Cancel), 11 (=Alleged New), and 13 (=Alleged No/Was) can occur only in the context of TES. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Trade</td> </tr> <tr> <td>5</td> <td>No/Was (Replaced)</td> </tr> <tr> <td>11</td> <td>Alleged New</td> </tr> <tr> <td>13</td> <td>Alleged No/Was</td> </tr> </tbody> </table>	Value	Description	0	Trade	5	No/Was (Replaced)	11	Alleged New	13	Alleged No/Was				
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1227	ProductComplex	N	1	143	unsigned int	<p>This field qualifies an instrument type on T7.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Simple instrument</td> </tr> <tr> <td>2</td> <td>Standard Option Strategy</td> </tr> <tr> <td>3</td> <td>Non-Standard Option Strategy</td> </tr> <tr> <td>4</td> <td>Volatility Strategy</td> </tr> <tr> <td>5</td> <td>Futures Spread</td> </tr> <tr> <td>6</td> <td>Inter-Product Spread</td> </tr> <tr> <td>7</td> <td>Standard Future Strategy</td> </tr> <tr> <td>8</td> <td>Pack and Bundle</td> </tr> <tr> <td>9</td> <td>Strip</td> </tr> <tr> <td>10</td> <td>Flexible Simple Instrument</td> </tr> </tbody> </table>	Value	Description	1	Simple instrument	2	Standard Option Strategy	3	Non-Standard Option Strategy	4	Volatility Strategy	5	Futures Spread	6	Inter-Product Spread	7	Standard Future Strategy	8	Pack and Bundle	9	Strip	10	Flexible Simple Instrument
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4	Euroclear																											

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description								
29008	HedgeType	N	1	151	unsigned int	<p>Hedging method.</p> <p>To be set for TrdType (12) Exchange for Swap [mandatory], (1001) EFP-Fin Trade [mandatory] and (1002) EFI-Index Futures Trade [mandatory].</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Duration Hedge</td> </tr> <tr> <td>1</td> <td>Nominal Hedge</td> </tr> <tr> <td>2</td> <td>Price Factor Hedge</td> </tr> </tbody> </table>	Value	Description	0	Duration Hedge	1	Nominal Hedge	2	Price Factor Hedge
Value	Description													
0	Duration Hedge													
1	Nominal Hedge													
2	Price Factor Hedge													
1011	MessageEventSource	Y	1	152	char	<p>Receiver of a message.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>I</td> <td>Broadcast to initiator</td> </tr> <tr> <td>A</td> <td>Broadcast to approver</td> </tr> </tbody> </table>	Value	Description	I	Broadcast to initiator	A	Broadcast to approver		
Value	Description													
I	Broadcast to initiator													
A	Broadcast to approver													
28583	TradeReportText	N	20	153	Fixed String	<p>User defined text field.</p> <p>Valid characters: \x01-\x7E</p>								
571	TradeReportID	N	20	173	Fixed String	<p>User defined transaction ID. Part of the TES response and TES broadcast.</p> <p>Valid characters: \x01-\x7E</p>								
22401	RootPartyExecuting-Firm	Y	5	193	Fixed String	<p>Participant Short Name.</p> <p>Valid characters: \x20,\x22-\x7B,\x7D,\x7E</p>								
22412	RootPartyExecuting-Trader	Y	6	198	Fixed String	<p>Owning User Short Name.</p> <p>Valid characters: \x20,\x22-\x7B,\x7D,\x7E</p>								
309	UnderlyingSecurityID	N	12	204	ISIN	<p>Underlying security's ID (ISIN).</p> <p>To be set for TrdType (1001) EFP-Fin Trade [mandatory].</p> <p>Valid characters: A-Z,0-9,\x20</p>								
307	UnderlyingSecurity-Desc	N	30	216	Fixed String	<p>Description of the Underlying security.</p> <p>To be set for TrdType (1001) EFP-Fin Trade [optional].</p> <p>Valid characters: \x01-\x7E</p>								
318	UnderlyingCurrency	N	3	246	CurrencyType	<p>Underlying security's currency.</p> <p>To be set for TrdType (12) Exchange for Swap [optional] and (1001) EFP-Fin Trade [optional].</p> <p>Valid characters: A-Z,0-9,\x20</p>								

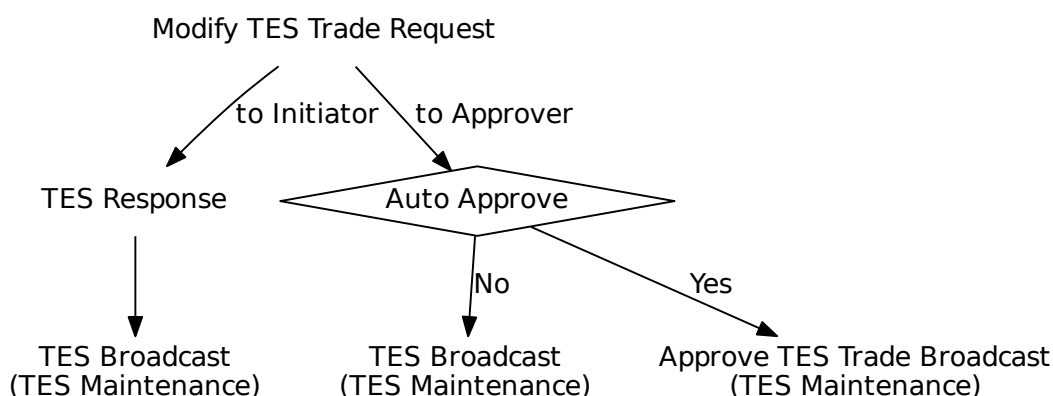
Tag	Field Name	Req'd	Len	Ofs	Data Type	Description												
306	UnderlyingIssuer	N	30	249	Fixed String	The issuer or name of the underlying security. To be set for TrdType (1001) EFP-Fin Trade [optional]. Valid characters: \x01-\x7E												
39000	Pad1	U	1	279	Fixed String	not used												
<SideAllocGrpBC>						Cardinality: 1-30, Record counter: NoSideAllocs												
80	>AllocQty	Y	8	280	Qty	Quantity of the particular trade side in the TES trade.												
467	>IndividualAllocID	Y	4	288	unsigned int	Unique identifier for a TES trade side.												
22001	>PartyExecutingFirm	Y	5	292	Fixed String	Owning business unit name. Valid characters: A-Z,0-9,\x20												
22012	>PartyExecuting-Trader	Y	6	297	Fixed String	Owning user name. Valid characters: A-Z,0-9,\x20												
54	>Side	Y	1	303	unsigned int	Side of the TES trade. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </tbody> </table>	Value	Description	1	Buy	2	Sell						
Value	Description																	
1	Buy																	
2	Sell																	
1840	>TradeAllocStatus	Y	1	304	unsigned int	Status of an allocation in a T7 Entry Service trade. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Pending</td> </tr> <tr> <td>2</td> <td>Approved</td> </tr> <tr> <td>3</td> <td>Auto Approved</td> </tr> <tr> <td>4</td> <td>Uploaded</td> </tr> <tr> <td>5</td> <td>Canceled</td> </tr> </tbody> </table>	Value	Description	1	Pending	2	Approved	3	Auto Approved	4	Uploaded	5	Canceled
Value	Description																	
1	Pending																	
2	Approved																	
3	Auto Approved																	
4	Uploaded																	
5	Canceled																	
39070	>Pad7	U	7	305	Fixed String	not used												
<TrdInstrmntLegGrp>						Cardinality: 0-20, Record counter: NoLegs												
602	>LegSecurityID	Y	8	0	signed int	Instrument identifier of the leg security.												
566	>LegPrice	Y	8	8	PriceType	User provided leg trade price (not for underlying leg).												
<InstrumentEventGrp>						Cardinality: 0-2, Record counter: No-Events												
866	>EventDate	Y	4	0	LocalMktDate	Date of event. To be set for TrdType (12) Exchange for Swap [mandatory].												

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description														
865	>EventType	Y	1	4	unsigned int	Code to represent the type of event. To be set for (12) Exchange for Swap [Swap_Start_Date, swap_End_date: mandatory]. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>8</td> <td>Swap Start Date</td> </tr> <tr> <td>9</td> <td>Swap End Date</td> </tr> </tbody> </table>	Value	Description	8	Swap Start Date	9	Swap End Date								
Value	Description																			
8	Swap Start Date																			
9	Swap End Date																			
39030	>Pad3	U	3	5	Fixed String	not used														
<InstrumentAttributeGrp>						Cardinality: 0-6, Record counter: NoInstrAttrib														
871	>InstrAttribType	Y	1	0	unsigned int	Code to represent the type of instrument attribute. To be set for TrdType (12) Exchange for Swap[Swap, Customer_1, Swap_Customer_2 Variable_Rate, Offset_to-the_variable_coupon_rate: optional], (1001) EFP-Fin Trade [Coupon_Rate: optional]and (1002) EFP-Index Futures Trade[Cash_Basket_Reference: mandatory]. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>Variable rate</td> </tr> <tr> <td>100</td> <td>Coupon rate</td> </tr> <tr> <td>101</td> <td>Offset to the variable coupon rate</td> </tr> <tr> <td>102</td> <td>Swap Customer 1</td> </tr> <tr> <td>103</td> <td>Swap Customer 2</td> </tr> <tr> <td>104</td> <td>Cash Basket Reference</td> </tr> </tbody> </table>	Value	Description	5	Variable rate	100	Coupon rate	101	Offset to the variable coupon rate	102	Swap Customer 1	103	Swap Customer 2	104	Cash Basket Reference
Value	Description																			
5	Variable rate																			
100	Coupon rate																			
101	Offset to the variable coupon rate																			
102	Swap Customer 1																			
103	Swap Customer 2																			
104	Cash Basket Reference																			
872	>InstrAttribValue	Y	32	1	Fixed String	Attribute value appropriate to the InstrAttribType field. To be set for TrdTyp (12) Exchange for Swap [optional], (1001) EFP-Fin Trade [optional] and (1002) EFP-Index Futures Trade [mandatory]. Valid characters: \x01-\x7E														
39070	>Pad7	U	7	33	Fixed String	not used														
<UnderlyingStipGrp>						Cardinality: 0-1, Record counter: NoUnderlyingStips														

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description				
889	>UnderlyingStipValue	Y	32	0	Fixed String	Value of stipulation. In case of coupon frequency , fill the field with coupon frequency value. To be set for TrdType (12) Exchange for Swap [optional] and (1001) EFP-Fin Trade [optional]. Valid characters: \x01-\x7E				
888	>UnderlyingStipType	Y	7	32	Fixed String	Type of stipulation. e.g. to denote coupon frequency. Pay_Frequency to be set for TrdType (12) Exchange for Swap [optional] and (1001) EFP-Fin Trade [optional]. <table border="1" data-bbox="991 864 1412 949"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>PAYFREQ</td> <td>Pay_Frequency</td> </tr> </tbody> </table>	Value	Description	PAYFREQ	Pay_Frequency
Value	Description									
PAYFREQ	Pay_Frequency									
39000	>Pad1	U	1	39	Fixed String	not used				

11.5 Modify TES Trade Request

This message allows the modification of a pending TES trade by its initiating user. As long as the TES trade is not approved by all of its approving users, the modification of the general TES trade information except instrument Id and external references is supported. This also includes the approving users and the number of the approving users involved on the TES trade sides. This message is sent to the service "T7 Entry".



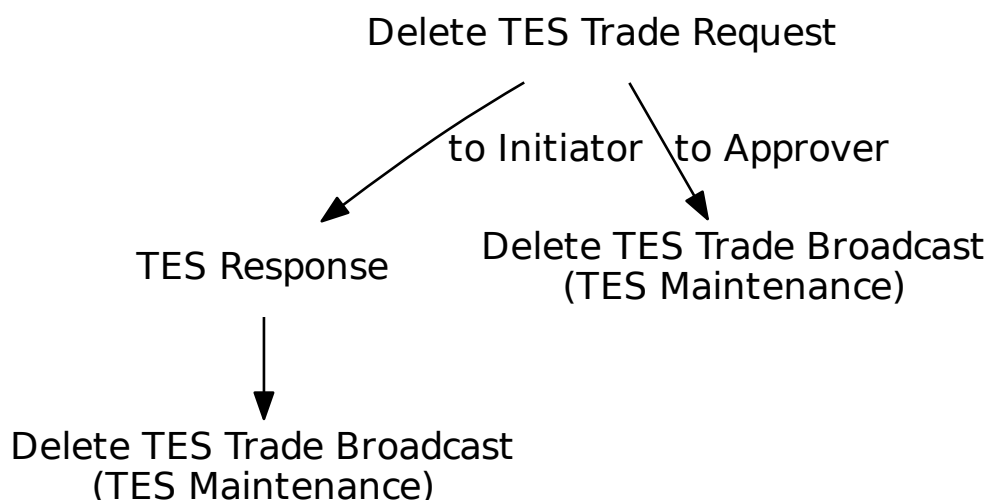
Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderIn></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10601 (Trade-CaptureReport, MsgType = AE)
25028	NetworkMsgID	U	8	6	Fixed String	not used
39020	Pad2	U	2	14	Fixed String	not used
<i><RequestHeader></i>						
34	MsgSeqNum	Y	4	16	unsigned int	Message sequence number used by the participant for requests sent to the gateway.
50	SenderSubID	Y	4	20	unsigned int	User ID.
<i><Message Body></i>						
31	LastPx	Y	8	24	PriceType	Price of TES trade.
483	TransBkdTime	N	8	32	UTCTimestamp	Time of Commencement, the time when an Off-Book trade was concluded outside the T7 System. There is a market specific validation of Time of Commencement by the T7 back-end.
1300	MarketSegmentID	Y	4	40	signed int	Product identifier.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description														
2489	PackageID	Y	4	44	unsigned int	Identifier for a T7 Entry Service trade i.e. TES trade ID.														
30017	TESExecID	Y	4	48	unsigned int	System transaction identifier for a T7 Entry Service transaction. The latest value available to the Initiator for the corresponding TES Trade needs to be provided.														
2546	RelatedMarket-SegmentID	N	4	52	signed int	Identifies a related product. To be set for TrdType (1000) Vola Trade [mandatory].														
28758	NegotiationID	N	4	56	unsigned int	ID of a SRQS negotiation														
25152	SRQSRelatedTradeID	N	4	60	unsigned int	Trade ID out of a SRQS Negotiation Event														
828	TrdType	Y	2	64	unsigned int	Type of TES trade. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Block Trade</td> </tr> <tr> <td>12</td> <td>Exchange for Swap</td> </tr> <tr> <td>1000</td> <td>Vola Trade</td> </tr> <tr> <td>1001</td> <td>EFP-Fin Trade</td> </tr> <tr> <td>1002</td> <td>EFP-Index Futures Trade</td> </tr> <tr> <td>1004</td> <td>Trade at Market</td> </tr> </tbody> </table>	Value	Description	1	Block Trade	12	Exchange for Swap	1000	Vola Trade	1001	EFP-Fin Trade	1002	EFP-Index Futures Trade	1004	Trade at Market
Value	Description																			
1	Block Trade																			
12	Exchange for Swap																			
1000	Vola Trade																			
1001	EFP-Fin Trade																			
1002	EFP-Index Futures Trade																			
1004	Trade at Market																			
856	TradeReportType	Y	1	66	unsigned int	Identifies the type of trade notification. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>No/Was (Replaced)</td> </tr> </tbody> </table>	Value	Description	5	No/Was (Replaced)										
Value	Description																			
5	No/Was (Replaced)																			
1390	TradePublishIndicator	Y	1	67	unsigned int	Indicates if a trade should be reported via the market reporting service. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Do Not Publish Trade</td> </tr> <tr> <td>1</td> <td>Publish Trade</td> </tr> </tbody> </table>	Value	Description	0	Do Not Publish Trade	1	Publish Trade								
Value	Description																			
0	Do Not Publish Trade																			
1	Publish Trade																			
28709	NoSideAllocs	Y	1	68	Counter	Number of allocation in a T7 Entry Service trade. Number of TES trade sides in a TES trade														
555	NoLegs	Y	1	69	Counter	Number of repeating TrdInstrmntLeg-Grp entries (number of legs for user provided leg trade prices).														
28583	TradeReportText	N	20	70	Fixed String	User defined text field. Valid characters: \x01-\x7E														

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
571	TradeReportID	N	20	90	Fixed String	User defined transaction ID. Part of the TES response and TES broadcast. Valid characters: \x01-\x7E						
39020	Pad2	U	2	110	Fixed String	not used						
<SideAllocGrp>						Cardinality: 1-30, Record counter: NoSideAllocs						
80	>AllocQty	Y	8	112	Qty	Quantity of the particular trade side in the TES trade.						
467	>IndividualAllocID	N	4	120	unsigned int	Unique identifier for a TES trade side.						
54	>Side	Y	1	124	unsigned int	Side of the TES trade. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </tbody> </table>	Value	Description	1	Buy	2	Sell
Value	Description											
1	Buy											
2	Sell											
22001	>PartyExecutingFirm	Y	5	125	Fixed String	Owning business unit name. Valid characters: A-Z,0-9,\x20						
22012	>PartyExecuting- Trader	Y	6	130	Fixed String	Owning user name. Valid characters: A-Z,0-9,\x20						
<TrdInstrmntLegGrp>						Cardinality: 0-20, Record counter: NoLegs						
602	>LegSecurityID	Y	8	0	signed int	Instrument identifier of the leg security.						
566	>LegPrice	Y	8	8	PriceType	User provided leg trade price (not for underlying leg).						

11.6 Delete TES Trade Request

This message allows the deletion of a pending TES trade by its initiating user. This message is sent to the service "T7 Entry".



Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderIn></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplatID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10602 (Trade-CaptureReport, MsgType = AE)
25028	NetworkMsgID	U	8	6	Fixed String	not used
39020	Pad2	U	2	14	Fixed String	not used
<i><RequestHeader></i>						
34	MsgSeqNum	Y	4	16	unsigned int	Message sequence number used by the participant for requests sent to the gateway.
50	SenderSubID	Y	4	20	unsigned int	User ID.
<i><Message Body></i>						
2489	PackageID	Y	4	24	unsigned int	Identifier for a T7 Entry Service trade i.e. TES trade ID.
1300	MarketSegmentID	Y	4	28	signed int	Product identifier.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description														
30017	TESExecID	Y	4	32	unsigned int	System transaction identifier for a T7 Entry Service transaction. The latest value available to the Initiator for the corresponding TES Trade needs to be provided.														
2546	RelatedMarket-SegmentID	N	4	36	signed int	Identifies a related product. To be set for TrdType (1000) Vola Trade [mandatory].														
828	TrdType	Y	2	40	unsigned int	Type of TES trade. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Block Trade</td> </tr> <tr> <td>12</td> <td>Exchange for Swap</td> </tr> <tr> <td>1000</td> <td>Vola Trade</td> </tr> <tr> <td>1001</td> <td>EFP-Fin Trade</td> </tr> <tr> <td>1002</td> <td>EFP-Index Futures Trade</td> </tr> <tr> <td>1004</td> <td>Trade at Market</td> </tr> </tbody> </table>	Value	Description	1	Block Trade	12	Exchange for Swap	1000	Vola Trade	1001	EFP-Fin Trade	1002	EFP-Index Futures Trade	1004	Trade at Market
Value	Description																			
1	Block Trade																			
12	Exchange for Swap																			
1000	Vola Trade																			
1001	EFP-Fin Trade																			
1002	EFP-Index Futures Trade																			
1004	Trade at Market																			
856	TradeReportType	Y	1	42	unsigned int	Identifies the type of trade notification. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>6</td> <td>Trade Report Cancel</td> </tr> </tbody> </table>	Value	Description	6	Trade Report Cancel										
Value	Description																			
6	Trade Report Cancel																			
571	TradeReportID	N	20	43	Fixed String	User defined transaction ID. Part of the TES response and TES broadcast. Valid characters: \x01-\x7E														
39000	Pad1	U	1	63	Fixed String	not used														

11.7 Delete TES Trade Broadcast

This message informs initiator and approvers about TES Trade deletions.

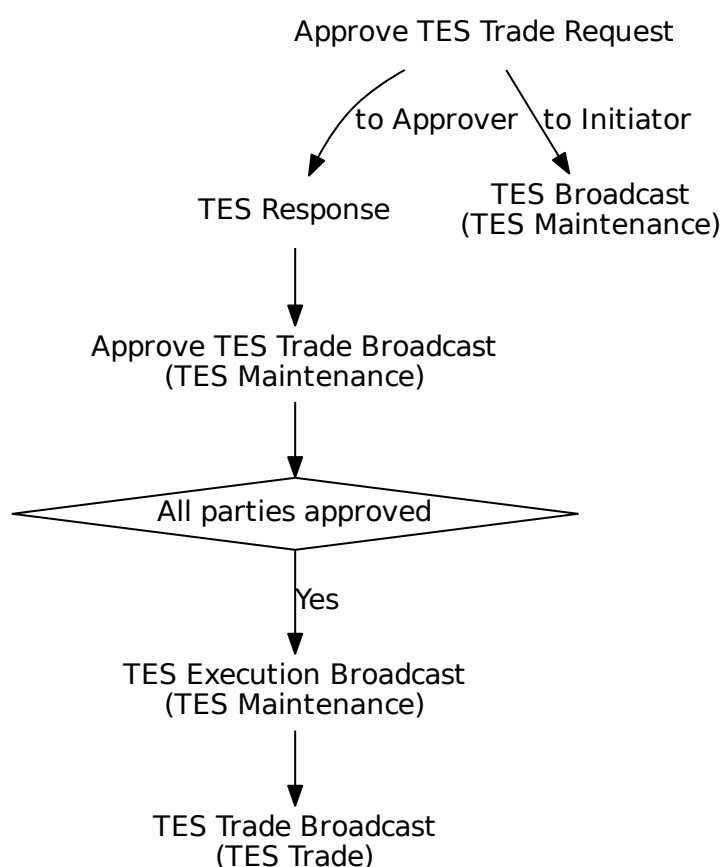
Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
<i><MessageHeaderOut></i>												
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.						
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10606 (Trade-CaptureReport, MsgType = AE)						
39020	Pad2	U	2	6	Fixed String	not used						
<i><RBCHeader></i>												
52	SendingTime	Y	8	8	UTCTimestamp	Gateway response out timestamp.						
1181	ApplSeqNum	Y	8	16	unsigned int	Application sequence number assigned to a non-order related T7 ETI data stream.						
28727	ApplSubID	N	4	24	unsigned int	Unique ID assigned by the T7 system during broadcast subscription in order to link broadcasts to the related subscription.						
5948	PartitionID	Y	2	28	unsigned int	Grouping of T7 products. Belongs to the scope of Service Availability and Retransmit requests.						
1352	ApplResendFlag	Y	1	30	unsigned int	Indicates a retransmission message. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>False</td> </tr> <tr> <td>1</td> <td>True</td> </tr> </tbody> </table>	Value	Description	0	False	1	True
Value	Description											
0	False											
1	True											
1180	ApplIID	Y	1	31	unsigned int	Identifier for an ETI data stream. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>7</td> <td>TES Maintenance</td> </tr> </tbody> </table>	Value	Description	7	TES Maintenance		
Value	Description											
7	TES Maintenance											
893	LastFragment	Y	1	32	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	1	Last Message		
Value	Description											
1	Last Message											
39070	Pad7	U	7	33	Fixed String	not used						
<i><Message Body></i>												
60	TransactTime	Y	8	40	UTCTimestamp	Transaction timestamp.						
1300	MarketSegmentID	Y	4	48	signed int	Product identifier.						

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description																		
2489	PackageID	Y	4	52	unsigned int	Identifier for a T7 Entry Service trade i.e. TES trade ID.																		
30017	TESExecID	Y	4	56	unsigned int	System transaction identifier for a T7 Entry Service transaction.																		
828	TrdType	Y	2	60	unsigned int	Type of TES trade. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Block Trade</td> </tr> <tr> <td>12</td> <td>Exchange for Swap</td> </tr> <tr> <td>1000</td> <td>Vola Trade</td> </tr> <tr> <td>1001</td> <td>EFP-Fin Trade</td> </tr> <tr> <td>1002</td> <td>EFP-Index Futures Trade</td> </tr> <tr> <td>1004</td> <td>Trade at Market</td> </tr> </tbody> </table>	Value	Description	1	Block Trade	12	Exchange for Swap	1000	Vola Trade	1001	EFP-Fin Trade	1002	EFP-Index Futures Trade	1004	Trade at Market				
Value	Description																							
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12	Exchange for Swap																							
1000	Vola Trade																							
1001	EFP-Fin Trade																							
1002	EFP-Index Futures Trade																							
1004	Trade at Market																							
285	DeleteReason	Y	1	62	unsigned int	Reason for deletion. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>100</td> <td>Deletion via the TES Delete Request</td> </tr> <tr> <td>101</td> <td>Automatic deletion due to TES Activity State Change</td> </tr> <tr> <td>102</td> <td>Automatic deletion due to instrument expiration</td> </tr> <tr> <td>103</td> <td>Deletion caused by Clearing/Risk stop</td> </tr> <tr> <td>104</td> <td>Deletion caused by Trading stop</td> </tr> <tr> <td>105</td> <td>Deletion of Instrument</td> </tr> <tr> <td>106</td> <td>Suspension of Instrument</td> </tr> <tr> <td>107</td> <td>Deletion caused by a pre-trade risk event</td> </tr> </tbody> </table>	Value	Description	100	Deletion via the TES Delete Request	101	Automatic deletion due to TES Activity State Change	102	Automatic deletion due to instrument expiration	103	Deletion caused by Clearing/Risk stop	104	Deletion caused by Trading stop	105	Deletion of Instrument	106	Suspension of Instrument	107	Deletion caused by a pre-trade risk event
Value	Description																							
100	Deletion via the TES Delete Request																							
101	Automatic deletion due to TES Activity State Change																							
102	Automatic deletion due to instrument expiration																							
103	Deletion caused by Clearing/Risk stop																							
104	Deletion caused by Trading stop																							
105	Deletion of Instrument																							
106	Suspension of Instrument																							
107	Deletion caused by a pre-trade risk event																							
856	TradeReportType	Y	1	63	unsigned int	Identifies the type of trade notification. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>6</td> <td>Trade Report Cancel</td> </tr> </tbody> </table>	Value	Description	6	Trade Report Cancel														
Value	Description																							
6	Trade Report Cancel																							
1011	MessageEventSource	Y	1	64	char	Receiver of a message. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>I</td> <td>Broadcast to initiator</td> </tr> <tr> <td>A</td> <td>Broadcast to approver</td> </tr> </tbody> </table>	Value	Description	I	Broadcast to initiator	A	Broadcast to approver												
Value	Description																							
I	Broadcast to initiator																							
A	Broadcast to approver																							

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
571	TradeReportID	N	20	65	Fixed String	User defined transaction ID. Part of the TES response and TES broadcast. Valid characters: \x01-\x7E
39030	Pad3	U	3	85	Fixed String	not used

11.8 Approve TES Trade Request

This message allows the approval of a pending TES trade side by its approving user. All TES trade side specific information (e.g. trading capacity, open/close indicator, text fields) needs to be specified in this request. A TES trade also needs to be approved by the initiating user if the initiating user is identical to an approving user, i.e. if the user who was initiating the TES trade is also involved on any side of the same TES trade. This message is sent to the service "T7 Entry".



Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderIn></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10603 (Trade-CaptureReport, MsgType = AE)
25028	NetworkMsgID	U	8	6	Fixed String	not used
39020	Pad2	U	2	14	Fixed String	not used
<i><RequestHeader></i>						

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
34	MsgSeqNum	Y	4	16	unsigned int	Message sequence number used by the participant for requests sent to the gateway.
50	SenderSubID	Y	4	20	unsigned int	User ID.
<i><Message Body></i>						
20003	PartyIDClientID	N	8	24	unsigned int	Client Identifier field (ESMA Field 3 (Section A))used to identify the client of an order for agent account of the member or participant of the trading venue. If the Client Identifier field is not provided for agent orders, then they will be rejected. For orders sent with Trading Capacity Proprietary or Market Making, the Client Identifier field may remain empty.
20122	PartyIdInvestment-DecisionMaker	N	8	32	unsigned int	Investment decision within firm (ESMA Field 4 (Section A)) is the code used to identify the person or the algorithm within the member or participant of the Trading Venue who is responsible for the investment decision.
25123	ExecutingTrader	N	8	40	unsigned int	Executing Trader data Field(ESMA Field 5 (Section A))used to identify the person or algorithm within the member or participant of the trading venue who is responsible for the execution of the transaction resulting from the order.
80	AllocQty	Y	8	48	Qty	Quantity of the particular trade side in the TES trade.
2489	PackageID	Y	4	56	unsigned int	Identifier for a T7 Entry Service trade i.e. TES trade ID.
70	AllocID	Y	4	60	unsigned int	Unique identifier for a TES Trade side.
30017	TESExecID	Y	4	64	unsigned int	System transaction identifier for a T7 Entry Service transaction. The latest value available to the Approver for the corresponding TES Trade side needs to be provided.
1300	MarketSegmentID	Y	4	68	signed int	Product identifier.
2546	RelatedMarket-SegmentID	N	4	72	signed int	Identifies a related product. To be set for TrdType (1000) Vola Trade [mandatory].

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description														
828	TrdType	Y	2	76	unsigned int	Type of TES trade. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Block Trade</td> </tr> <tr> <td>12</td> <td>Exchange for Swap</td> </tr> <tr> <td>1000</td> <td>Vola Trade</td> </tr> <tr> <td>1001</td> <td>EFP-Fin Trade</td> </tr> <tr> <td>1002</td> <td>EFP-Index Futures Trade</td> </tr> <tr> <td>1004</td> <td>Trade at Market</td> </tr> </tbody> </table>	Value	Description	1	Block Trade	12	Exchange for Swap	1000	Vola Trade	1001	EFP-Fin Trade	1002	EFP-Index Futures Trade	1004	Trade at Market
Value	Description																			
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12	Exchange for Swap																			
1000	Vola Trade																			
1001	EFP-Fin Trade																			
1002	EFP-Index Futures Trade																			
1004	Trade at Market																			
1815	TradingCapacity	Y	1	78	unsigned int	This field designates if the trader is acting in the capacity of agent, trading for its own account or acting as a market maker. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Customer (Agency)</td> </tr> <tr> <td>5</td> <td>Principal (Proprietary)</td> </tr> <tr> <td>6</td> <td>MarketMaker</td> </tr> </tbody> </table>	Value	Description	1	Customer (Agency)	5	Principal (Proprietary)	6	MarketMaker						
Value	Description																			
1	Customer (Agency)																			
5	Principal (Proprietary)																			
6	MarketMaker																			
856	TradeReportType	Y	1	79	unsigned int	Identifies the type of trade notification. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Accept</td> </tr> </tbody> </table>	Value	Description	2	Accept										
Value	Description																			
2	Accept																			
54	Side	Y	1	80	unsigned int	Side of the TES trade. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </tbody> </table>	Value	Description	1	Buy	2	Sell								
Value	Description																			
1	Buy																			
2	Sell																			
23002	OrderAttribute-LiquidityProvision	Y	1	81	unsigned int	Indication as to whether an order is submitted to a Trading Venue as part of a market making strategy. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Liquidity provision</td> </tr> <tr> <td>0</td> <td>No liquidity provision</td> </tr> </tbody> </table>	Value	Description	1	Liquidity provision	0	No liquidity provision								
Value	Description																			
1	Liquidity provision																			
0	No liquidity provision																			

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
21222	PartyIdInvestment-DecisionMaker-Qualifier	N	1	82	unsigned int	<p>Qualifier for field PartyIdInvestment-DecisionMaker. Members/participants will have the possibility to specify an Investment qualifier value to distinguish between natural persons and Algos.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algo</td> </tr> <tr> <td>24</td> <td>Human/Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algo	24	Human/Natural person
Value	Description											
22	Algo											
24	Human/Natural person											
25124	ExecutingTrader-Qualifier	Y	1	83	unsigned int	<p>Qualifier for field ExecutingTrader. It is required to distinguish between natural persons and Algos.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algo</td> </tr> <tr> <td>24</td> <td>Human/Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algo	24	Human/Natural person
Value	Description											
22	Algo											
24	Human/Natural person											
23003	OrderAttributeRisk-Reduction	N	1	84	unsigned int	<p>Indication as to whether the transaction reduces risk in an objectively measurable way in accordance with Article 57 of Directive 2014/EU. The field is only applicable for commodity derivative transactions.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Risk reduction</td> </tr> <tr> <td>0</td> <td>No risk reduction</td> </tr> </tbody> </table>	Value	Description	1	Risk reduction	0	No risk reduction
Value	Description											
1	Risk reduction											
0	No risk reduction											
571	TradeReportID	N	20	85	Fixed String	<p>User defined transaction ID. Part of the TES response and TES broadcast. Valid characters: \x01-\x7E</p>						
77	PositionEffect	Y	1	105	char	<p>Field is used for T7 position management purposes and indicates whether the order is submitted to open or close a position.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>C</td> <td>Close</td> </tr> <tr> <td>O</td> <td>Open</td> </tr> </tbody> </table>	Value	Description	C	Close	O	Open
Value	Description											
C	Close											
O	Open											
22001	PartyExecutingFirm	Y	5	106	Fixed String	<p>Owning business unit name. Valid characters: A-Z,0-9,\x20</p>						

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
22012	PartyExecutingTrader	Y	6	111	Fixed String	Owning user name. Valid characters: A-Z,0-9,\x20
1	Account	N	2	117	Fixed String	Accounts to book trades and keep positions on. Valid characters: 1-9,\x41,\x45,\x47,\x4D,\x50,\x52
25007	FreeText1	N	12	119	Fixed String	First free-format text field for trader-specific or customer-related comments. Valid characters: \x20,\x23-\x25,\x28-\x2A,\x2C-\x3B,\x3F,\x41-\x5F,\x61-\x7B,\x7D,\x7E
25008	FreeText2	N	12	131	Fixed String	Second free-format text field for trader-specific or customer-related comments. Will not be forwarded to CCP for cash markets. Valid characters: \x20,\x23-\x25,\x28-\x2A,\x2C-\x3B,\x3F,\x41-\x5F,\x61-\x7B,\x7D,\x7E
25009	FreeText3	N	12	143	Fixed String	Third free-format text field for trader-specific or customer-related comments. Valid characters: \x20,\x23-\x25,\x28-\x2A,\x2C-\x3B,\x3F,\x41-\x5F,\x61-\x7B,\x7D,\x7E
20096	PartyIDTakeUp- TradingFirm	N	5	155	Fixed String	Take-up Member Short Name. Valid characters: A-Z,0-9,\x20
20038	PartyIDPosition- Account	N	32	160	Fixed String	'Flexible Account' information. Valid characters: \x20,\x30-\x39,\x41-\x5A
20013	PartyIDOrder- OriginationFirm	N	7	192	Fixed String	External Member ID. Valid characters: A-Z,0-9,\x20
20032	PartyIDBeneficiary	N	9	199	Fixed String	Final Beneficiary Valid characters: A-Z,0-9,\x20
20075	PartyIDLocationID	N	2	208	Fixed String	Country code. Valid characters: \x01-\x7E

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
1031	CustOrderHandling-Inst	N	1	210	Fixed String	Identifies the source of an order, in accordance with the FIA guidelines for a rate Identifier. The field is for participant use only. Valid characters: \x20,\x22-\x7B,\x7D,\x7E
2404	ComplianceText	N	20	211	Fixed String	This field is used to provide additional regulatory information (according to respective rules & regs, circulars and/or bilateral coordination between participant and Trading Surveillance Office). Valid characters: \x20,\x22-\x7B,\x7D,\x7E
39000	Pad1	U	1	231	Fixed String	not used

11.9 Approve TES Trade Broadcast

This message informs about approved TES Trades.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
<i><MessageHeaderOut></i>												
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.						
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10607 (Trade-CaptureReport, MsgType = AE)						
39020	Pad2	U	2	6	Fixed String	not used						
<i><RBCHeader></i>												
52	SendingTime	Y	8	8	UTCTimestamp	Gateway response out timestamp.						
1181	ApplSeqNum	Y	8	16	unsigned int	Application sequence number assigned to a non-order related T7 ETI data stream.						
28727	ApplSubID	N	4	24	unsigned int	Unique ID assigned by the T7 system during broadcast subscription in order to link broadcasts to the related subscription.						
5948	PartitionID	Y	2	28	unsigned int	Grouping of T7 products. Belongs to the scope of Service Availability and Retransmit requests.						
1352	ApplResendFlag	Y	1	30	unsigned int	Indicates a retransmission message. <table border="1" data-bbox="991 1317 1409 1447"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>False</td> </tr> <tr> <td>1</td> <td>True</td> </tr> </tbody> </table>	Value	Description	0	False	1	True
Value	Description											
0	False											
1	True											
1180	ApplIID	Y	1	31	unsigned int	Identifier for an ETI data stream. <table border="1" data-bbox="991 1525 1409 1608"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>7</td> <td>TES Maintenance</td> </tr> </tbody> </table>	Value	Description	7	TES Maintenance		
Value	Description											
7	TES Maintenance											
893	LastFragment	Y	1	32	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1" data-bbox="991 1805 1409 1888"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	1	Last Message		
Value	Description											
1	Last Message											
39070	Pad7	U	7	33	Fixed String	not used						
<i><Message Body></i>												
48	SecurityID	Y	8	40	signed int	Instrument identifier.						
31	LastPx	Y	8	48	PriceType	Price of TES trade.						

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
80	AllocQty	Y	8	56	Qty	Quantity of the particular trade side in the TES trade.
60	TransactTime	Y	8	64	UTCTimestamp	Transaction timestamp.
810	UnderlyingPx	N	8	72	PriceType	Underlying price associate with a derivative instrument. To be set for TrdType (1001) EFP-Fin Trade [optional].
483	TransBkdTime	N	8	80	UTCTimestamp	Time of Commencement, the time when an Off-Book trade was concluded outside the T7 System. There is a market specific validation of Time of Commencement by the T7 back-end.
2589	RelatedClosePrice	N	8	88	floatDecimal6	User defined index price. To be set for TrdType (1004) Trade at Market [mandatory].
1860	RelatedTradeQuantity	N	8	96	Qty	Quantity of the related trade. To be set for TrdType (1000) Vola Trade [mandatory].
879	UnderlyingQty	N	8	104	Qty	Nominal value. To be set for Trdtype (12) Exchange for Swap [mandatory], (1001) EFP-Fin Trade [mandatory] and (1002) EFP-Index Futures Trade [mandatory].
1300	MarketSegmentID	Y	4	112	signed int	Product identifier.
2489	PackageID	Y	4	116	unsigned int	Identifier for a T7 Entry Service trade i.e. TES trade ID.
30017	TESExecID	Y	4	120	unsigned int	System transaction identifier for a T7 Entry Service transaction.
70	AllocID	Y	4	124	unsigned int	Unique identifier for a TES Trade side.
987	UnderlyingSettlement-Date	N	4	128	LocalMktDate	Date the underlying instrument will settle. To be set for TrdType (1) Exchange for Swap [optional] and (1001) EFP-Fin Trade [optional].
542	UnderlyingMaturity-Date	N	4	132	LocalMktDate	Underlying security's maturity date. To be set for TrdType (1001) EFP-Fin Trade [mandatory].
1856	RelatedTradeID	N	4	136	unsigned int	Identifier of a related trade. To be set for TrdType (1000) Vola Trade [mandatory].

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description																						
2546	RelatedMarket-SegmentID	N	4	140	signed int	Identifies a related product. To be set for TrdType (1000) Vola Trade [mandatory].																						
28758	NegotiationID	N	4	144	unsigned int	ID of a SRQS negotiation																						
25152	SRQSRelatedTradeID	N	4	148	unsigned int	Trade ID out of a SRQS Negotiation Event																						
828	TrdType	Y	2	152	unsigned int	Type of TES trade. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Block Trade</td> </tr> <tr> <td>12</td> <td>Exchange for Swap</td> </tr> <tr> <td>1000</td> <td>Vola Trade</td> </tr> <tr> <td>1001</td> <td>EFP-Fin Trade</td> </tr> <tr> <td>1002</td> <td>EFP-Index Futures Trade</td> </tr> <tr> <td>1004</td> <td>Trade at Market</td> </tr> </tbody> </table>	Value	Description	1	Block Trade	12	Exchange for Swap	1000	Vola Trade	1001	EFP-Fin Trade	1002	EFP-Index Futures Trade	1004	Trade at Market								
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1002	EFP-Index Futures Trade																											
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54	Side	Y	1	154	unsigned int	Side of the TES trade. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </tbody> </table>	Value	Description	1	Buy	2	Sell																
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1	Buy																											
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1390	TradePublishIndicator	Y	1	155	unsigned int	Indicates if a trade should be reported via the market reporting service. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Do Not Publish Trade</td> </tr> <tr> <td>1</td> <td>Publish Trade</td> </tr> </tbody> </table>	Value	Description	0	Do Not Publish Trade	1	Publish Trade																
Value	Description																											
0	Do Not Publish Trade																											
1	Publish Trade																											
1227	ProductComplex	N	1	156	unsigned int	This field qualifies an instrument type on T7. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Simple instrument</td> </tr> <tr> <td>2</td> <td>Standard Option Strategy</td> </tr> <tr> <td>3</td> <td>Non-Standard Option Strategy</td> </tr> <tr> <td>4</td> <td>Volatility Strategy</td> </tr> <tr> <td>5</td> <td>Futures Spread</td> </tr> <tr> <td>6</td> <td>Inter-Product Spread</td> </tr> <tr> <td>7</td> <td>Standard Future Strategy</td> </tr> <tr> <td>8</td> <td>Pack and Bundle</td> </tr> <tr> <td>9</td> <td>Strip</td> </tr> <tr> <td>10</td> <td>Flexible Simple Instrument</td> </tr> </tbody> </table>	Value	Description	1	Simple instrument	2	Standard Option Strategy	3	Non-Standard Option Strategy	4	Volatility Strategy	5	Futures Spread	6	Inter-Product Spread	7	Standard Future Strategy	8	Pack and Bundle	9	Strip	10	Flexible Simple Instrument
Value	Description																											
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Tag	Field Name	Req'd	Len	Ofs	Data Type	Description												
856	TradeReportType	Y	1	157	unsigned int	Identifies the type of trade notification. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Accept</td> </tr> </tbody> </table>	Value	Description	2	Accept								
Value	Description																	
2	Accept																	
1815	TradingCapacity	Y	1	158	unsigned int	This field designates if the trader is acting in the capacity of agent, trading for its own account or acting as a market maker. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Customer (Agency)</td> </tr> <tr> <td>5</td> <td>Principal (Proprietary)</td> </tr> <tr> <td>6</td> <td>MarketMaker</td> </tr> </tbody> </table>	Value	Description	1	Customer (Agency)	5	Principal (Proprietary)	6	MarketMaker				
Value	Description																	
1	Customer (Agency)																	
5	Principal (Proprietary)																	
6	MarketMaker																	
20010	PartyIDSettlement-Location	N	1	159	unsigned int	ID of settlement location. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Clearstrem Banking Frankfurt</td> </tr> <tr> <td>2</td> <td>Clearstrem Banking Luxemburg</td> </tr> <tr> <td>3</td> <td>CLS Group</td> </tr> <tr> <td>4</td> <td>Euroclear</td> </tr> </tbody> </table>	Value	Description	1	Clearstrem Banking Frankfurt	2	Clearstrem Banking Luxemburg	3	CLS Group	4	Euroclear		
Value	Description																	
1	Clearstrem Banking Frankfurt																	
2	Clearstrem Banking Luxemburg																	
3	CLS Group																	
4	Euroclear																	
1840	TradeAllocStatus	Y	1	160	unsigned int	Status of an allocation in a T7 Entry Service trade. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Pending</td> </tr> <tr> <td>2</td> <td>Approved</td> </tr> <tr> <td>3</td> <td>Auto Approved</td> </tr> <tr> <td>4</td> <td>Uploaded</td> </tr> <tr> <td>5</td> <td>Canceled</td> </tr> </tbody> </table>	Value	Description	1	Pending	2	Approved	3	Auto Approved	4	Uploaded	5	Canceled
Value	Description																	
1	Pending																	
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3	Auto Approved																	
4	Uploaded																	
5	Canceled																	

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description								
29008	HedgeType	N	1	161	unsigned int	<p>Hedging method.</p> <p>To be set for TrdType (12) Exchange for Swap [mandatory], (1001) EFP-Fin Trade [mandatory] and (1002) EFI-Index Futures Trade [mandatory].</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Duration Hedge</td> </tr> <tr> <td>1</td> <td>Nominal Hedge</td> </tr> <tr> <td>2</td> <td>Price Factor Hedge</td> </tr> </tbody> </table>	Value	Description	0	Duration Hedge	1	Nominal Hedge	2	Price Factor Hedge
Value	Description													
0	Duration Hedge													
1	Nominal Hedge													
2	Price Factor Hedge													
555	NoLegs	Y	1	162	Counter	Number of repeating TrdInstrmntLeg-Grp entries (number of legs for user provided leg trade prices).								
864	NoEvents	Y	1	163	Counter	Number of repeating EventType entries.								
870	NoInstrAttrib	Y	1	164	Counter	Number of repeating InstrAttribType entries.								
887	NoUnderlyingStips	Y	1	165	Counter	Number of underlying stipulation entries.								
1011	MessageEventSource	Y	1	166	char	<p>Receiver of a message.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>I</td> <td>Broadcast to initiator</td> </tr> <tr> <td>A</td> <td>Broadcast to approver</td> </tr> </tbody> </table>	Value	Description	I	Broadcast to initiator	A	Broadcast to approver		
Value	Description													
I	Broadcast to initiator													
A	Broadcast to approver													
571	TradeReportID	N	20	167	Fixed String	User defined transaction ID. Part of the TES response and TES broadcast. Valid characters: \x01-\x7E								
22001	PartyExecutingFirm	Y	5	187	Fixed String	Owning business unit name. Valid characters: A-Z,0-9,\x20								
22012	PartyExecutingTrader	Y	6	192	Fixed String	Owning user name. Valid characters: A-Z,0-9,\x20								
20007	PartyIDEnteringFirm	Y	1	198	unsigned int	<p>Entering Entity ID.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Participant</td> </tr> <tr> <td>2</td> <td>Market Supervision</td> </tr> </tbody> </table>	Value	Description	1	Participant	2	Market Supervision		
Value	Description													
1	Participant													
2	Market Supervision													
22036	PartyEnteringTrader	Y	6	199	Fixed String	The entering user Valid characters: A-Z,0-9,\x20								

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
77	PositionEffect	Y	1	205	char	Field is used for T7 position management purposes and indicates whether the order is submitted to open or close a position. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>C</td> <td>Close</td> </tr> <tr> <td>O</td> <td>Open</td> </tr> </tbody> </table>	Value	Description	C	Close	O	Open
Value	Description											
C	Close											
O	Open											
22401	RootPartyExecuting-Firm	N	5	206	Fixed String	Participant Short Name. Valid characters: \x20,\x22-\x7B,\x7D,\x7E						
22412	RootPartyExecuting-Trader	N	6	211	Fixed String	Owning User Short Name. Valid characters: \x20,\x22-\x7B,\x7D,\x7E						
25007	FreeText1	N	12	217	Fixed String	First free-format text field for trader-specific or customer-related comments. Valid characters: \x20,\x23-\x25,\x28-\x2A,\x2C-\x3B,\x3F,\x41-\x5F,\x61-\x7B,\x7D,\x7E						
25008	FreeText2	N	12	229	Fixed String	Second free-format text field for trader-specific or customer-related comments. Will not be forwarded to CCP for cash markets. Valid characters: \x20,\x23-\x25,\x28-\x2A,\x2C-\x3B,\x3F,\x41-\x5F,\x61-\x7B,\x7D,\x7E						
25009	FreeText3	N	12	241	Fixed String	Third free-format text field for trader-specific or customer-related comments. Valid characters: \x20,\x23-\x25,\x28-\x2A,\x2C-\x3B,\x3F,\x41-\x5F,\x61-\x7B,\x7D,\x7E						
20096	PartyIDTakeUp-TradingFirm	N	5	253	Fixed String	Take-up Member Short Name. Valid characters: A-Z,0-9,\x20						
1	Account	N	2	258	Fixed String	Accounts to book trades and keep positions on. Valid characters: 1-9,\x41,\x45,\x47,\x4D,\x50,\x52						

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
20038	PartyIDPosition-Account	N	32	260	Fixed String	'Flexible Account' information. Valid characters: \x20,\x30-\x39,\x41-\x5A
20013	PartyIDOrder-OriginationFirm	N	7	292	Fixed String	External Member ID. Valid characters: A-Z,0-9,\x20
20032	PartyIDBeneficiary	N	9	299	Fixed String	Final Beneficiary Valid characters: A-Z,0-9,\x20
20075	PartyIDLocationID	N	2	308	Fixed String	Country code. Valid characters: \x01-\x7E
1031	CustOrderHandling-Inst	N	1	310	Fixed String	Identifies the source of an order, in accordance with the FIA guidelines for a rate Identifier.The field is for participant use only. Valid characters: \x20,\x22-\x7B,\x7D,\x7E
2404	ComplianceText	N	20	311	Fixed String	This field is used to provide additional regulatory information (according to respective rules & regs, circulars and/or bilateral coordination between participant and Trading Surveillance Office). Valid characters: \x20,\x22-\x7B,\x7D,\x7E
309	UnderlyingSecurityID	N	12	331	ISIN	Underlying security's ID (ISIN). To be set for TrdType (1001) EFP-Fin Trade [mandatory]. Valid characters: A-Z,0-9,\x20
307	UnderlyingSecurity-Desc	N	30	343	Fixed String	Description of the Underlying security. To be set for TrdType (1001) EFP-Fin Trade [optional]. Valid characters: \x01-\x7E
318	UnderlyingCurrency	N	3	373	CurrencyType	Underlying security's currency. To be set for TrdType (12) Exchange for Swap [optional]and (1001) EFP-Fin Trade [optional]. Valid characters: A-Z,0-9,\x20
306	UnderlyingIssuer	N	30	376	Fixed String	The issuer or name of the underlying security. To be set for TrdType (1001) EFP-Fin Trade [optional]. Valid characters: \x01-\x7E

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
39021	Pad2_1	U	2	406	Fixed String	not used						
<TrdInstrmntLegGrp>						Cardinality: 0-20, Record counter: NoLegs						
602	>LegSecurityID	Y	8	408	signed int	Instrument identifier of the leg security.						
566	>LegPrice	Y	8	416	PriceType	User provided leg trade price (not for underlying leg).						
<InstrumentEventGrp>						Cardinality: 0-2, Record counter: No-Events						
866	>EventDate	Y	4	0	LocalMktDate	Date of event. To be set for TrdType (12) Exchange for Swap [mandatory].						
865	>EventType	Y	1	4	unsigned int	Code to represent the type of event. To be set for (12) Exchange for Swap [Swap_Start_Date, swap_End_date: mandatory].						
						<table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>8</td> <td>Swap Start Date</td> </tr> <tr> <td>9</td> <td>Swap End Date</td> </tr> </tbody> </table>	Value	Description	8	Swap Start Date	9	Swap End Date
Value	Description											
8	Swap Start Date											
9	Swap End Date											
39030	>Pad3	U	3	5	Fixed String	not used						
<InstrumentAttributeGrp>						Cardinality: 0-6, Record counter: NoInstrAttrib						

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description														
871	>InstrAttribType	Y	1	0	unsigned int	<p>Code to represent the type of instrument attribute.</p> <p>To be set for TrdType (12) Exchange for Swap[Swap,Customer_1, Swap_Customer_2 Variable_Rate, Offset_to-the_variable_coupon_rate: optional], (1001) EFP-Fin Trade [Coupon_Rate: optional]and (1002) EFP-Index Futures Trade[Cash_Basket_Reference: mandatory].</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>Variable rate</td> </tr> <tr> <td>100</td> <td>Coupon rate</td> </tr> <tr> <td>101</td> <td>Offset to the variable coupon rate</td> </tr> <tr> <td>102</td> <td>Swap Customer 1</td> </tr> <tr> <td>103</td> <td>Swap Customer 2</td> </tr> <tr> <td>104</td> <td>Cash Basket Reference</td> </tr> </tbody> </table>	Value	Description	5	Variable rate	100	Coupon rate	101	Offset to the variable coupon rate	102	Swap Customer 1	103	Swap Customer 2	104	Cash Basket Reference
Value	Description																			
5	Variable rate																			
100	Coupon rate																			
101	Offset to the variable coupon rate																			
102	Swap Customer 1																			
103	Swap Customer 2																			
104	Cash Basket Reference																			
872	>InstrAttribValue	Y	32	1	Fixed String	<p>Attribute value appropriate to the InstrAttribType field.</p> <p>To be set for TrdTyp (12) Exchange for Swap [optional], (1001) EFP-Fin Trade [optional] and (1002) EFP-Index Futures Trade [mandatory].</p> <p>Valid characters: \x01-\x7E</p>														
39070	>Pad7	U	7	33	Fixed String	not used														
<UnderlyingStipGrp>						Cardinality: 0-1, Record counter: NoUnderlyingStips														
889	>UnderlyingStipValue	Y	32	0	Fixed String	<p>Value of stipulation. In case of coupon frequency , fill the field with coupon frequency value.</p> <p>To be set for TrdType (12) Exchange for Swap [optional] and (1001) EFP-Fin Trade [optional].</p> <p>Valid characters: \x01-\x7E</p>														

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description				
888	>UnderlyingStipType	Y	7	32	Fixed String	Type of stipulation. e.g. to denote coupon frequency. Pay_Frequency to be set for TrdType (12) Exchange for Swap [optional] and (1001) EFP-Fin Trade [optional]. <table border="1" data-bbox="991 584 1409 669"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>PAYFREQ</td> <td>Pay_Frequency</td> </tr> </tbody> </table>	Value	Description	PAYFREQ	Pay_Frequency
Value	Description									
PAYFREQ	Pay_Frequency									
39000	>Pad1	U	1	39	Fixed String	not used				

11.10 TES Execution Broadcast

This message indicates that all parties have approved the TES trade.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
<i><MessageHeaderOut></i>												
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.						
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10610 (Trade-CaptureReport, MsgType = AE)						
39020	Pad2	U	2	6	Fixed String	not used						
<i><RBCHeader></i>												
52	SendingTime	Y	8	8	UTCTimestamp	Gateway response out timestamp.						
1181	ApplSeqNum	Y	8	16	unsigned int	Application sequence number assigned to a non-order related T7 ETI data stream.						
28727	ApplSubID	N	4	24	unsigned int	Unique ID assigned by the T7 system during broadcast subscription in order to link broadcasts to the related subscription.						
5948	PartitionID	Y	2	28	unsigned int	Grouping of T7 products. Belongs to the scope of Service Availability and Retransmit requests.						
1352	ApplResendFlag	Y	1	30	unsigned int	Indicates a retransmission message. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>False</td> </tr> <tr> <td>1</td> <td>True</td> </tr> </tbody> </table>	Value	Description	0	False	1	True
Value	Description											
0	False											
1	True											
1180	ApplID	Y	1	31	unsigned int	Identifier for an ETI data stream. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>7</td> <td>TES Maintenance</td> </tr> </tbody> </table>	Value	Description	7	TES Maintenance		
Value	Description											
7	TES Maintenance											
893	LastFragment	Y	1	32	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	1	Last Message		
Value	Description											
1	Last Message											
39070	Pad7	U	7	33	Fixed String	not used						
<i><Message Body></i>												
60	TransactTime	Y	8	40	UTCTimestamp	Transaction timestamp.						
1300	MarketSegmentID	Y	4	48	signed int	Product identifier.						

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description														
2489	PackageID	Y	4	52	unsigned int	Identifier for a T7 Entry Service trade i.e. TES trade ID.														
30017	TESExecID	Y	4	56	unsigned int	System transaction identifier for a T7 Entry Service transaction.														
70	AllocID	Y	4	60	unsigned int	Unique identifier for a TES Trade side.														
828	TrdType	Y	2	64	unsigned int	Type of TES trade. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Block Trade</td> </tr> <tr> <td>12</td> <td>Exchange for Swap</td> </tr> <tr> <td>1000</td> <td>Vola Trade</td> </tr> <tr> <td>1001</td> <td>EFP-Fin Trade</td> </tr> <tr> <td>1002</td> <td>EFP-Index Futures Trade</td> </tr> <tr> <td>1004</td> <td>Trade at Market</td> </tr> </tbody> </table>	Value	Description	1	Block Trade	12	Exchange for Swap	1000	Vola Trade	1001	EFP-Fin Trade	1002	EFP-Index Futures Trade	1004	Trade at Market
Value	Description																			
1	Block Trade																			
12	Exchange for Swap																			
1000	Vola Trade																			
1001	EFP-Fin Trade																			
1002	EFP-Index Futures Trade																			
1004	Trade at Market																			
856	TradeReportType	Y	1	66	unsigned int	Identifies the type of trade notification. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Accept</td> </tr> </tbody> </table>	Value	Description	2	Accept										
Value	Description																			
2	Accept																			
54	Side	Y	1	67	unsigned int	Side of the order. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </tbody> </table>	Value	Description	1	Buy	2	Sell								
Value	Description																			
1	Buy																			
2	Sell																			
1011	MessageEventSource	Y	1	68	char	Receiver of a message. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Broadcast to approver</td> </tr> </tbody> </table>	Value	Description	A	Broadcast to approver										
Value	Description																			
A	Broadcast to approver																			
39030	Pad3	U	3	69	Fixed String	not used														

11.11 TES Trade Broadcast

This messages provides the TES Trade notification.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
<i><MessageHeaderOut></i>												
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.						
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10614 (Trade-CaptureReport, MsgType = AE)						
39020	Pad2	U	2	6	Fixed String	not used						
<i><RBCHeader></i>												
52	SendingTime	Y	8	8	UTCTimestamp	Gateway response out timestamp.						
1181	ApplSeqNum	Y	8	16	unsigned int	Application sequence number assigned to a non-order related T7 ETI data stream.						
28727	ApplSubID	N	4	24	unsigned int	Unique ID assigned by the T7 system during broadcast subscription in order to link broadcasts to the related subscription.						
5948	PartitionID	Y	2	28	unsigned int	Grouping of T7 products. Belongs to the scope of Service Availability and Retransmit requests.						
1352	ApplResendFlag	Y	1	30	unsigned int	Indicates a retransmission message. <table border="1" data-bbox="991 1317 1409 1447"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>False</td> </tr> <tr> <td>1</td> <td>True</td> </tr> </tbody> </table>	Value	Description	0	False	1	True
Value	Description											
0	False											
1	True											
1180	ApplIID	Y	1	31	unsigned int	Identifier for an ETI data stream. <table border="1" data-bbox="991 1525 1409 1608"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>8</td> <td>TES Trade</td> </tr> </tbody> </table>	Value	Description	8	TES Trade		
Value	Description											
8	TES Trade											
893	LastFragment	Y	1	32	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1" data-bbox="991 1805 1409 1888"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	1	Last Message		
Value	Description											
1	Last Message											
39070	Pad7	U	7	33	Fixed String	not used						
<i><Message Body></i>												
48	SecurityID	Y	8	40	signed int	Instrument identifier.						
31	LastPx	Y	8	48	PriceType	Price of TES trade.						

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
32	LastQty	Y	8	56	Qty	Quantity executed in this fill.
1596	ClearingTradePrice	N	8	64	PriceType	Price in clearing notation which can be preliminary or final depending on TradeReportType (856).
28736	ClearingTradeQty	N	8	72	Qty	Quantity in clearing notation.
60	TransactTime	Y	8	80	UTCTimestamp	Transaction timestamp.
1650	RelatedSecurityID	N	8	88	signed int	Instrument identifier of the original T7 strategy.
20403	RootPartyIDClientID	N	8	96	unsigned int	Client Identifier field (ESMA Field 3 (Section A))used to identify the client of an order for agent account of the member or participant of the trading venue.
25123	ExecutingTrader	N	8	104	unsigned int	Executing Trader data Field(ESMA Field 5 (Section A))used to identify the person or algorithm within the member or participant of the trading venue who is responsible for the execution of the transaction resulting from the order.
20522	RootParty- IDInvestmentDecision- Maker	N	8	112	unsigned int	Investment decision within firm (ESMA Field 4 (Section A)) is the code used to identify the person or the algorithm within the member or participant of the Trading Venue who is responsible for the investment decision.
2489	PackageID	Y	4	120	unsigned int	Identifier for a T7 Entry Service trade i.e. TES trade ID.
1300	MarketSegmentID	Y	4	124	signed int	Product identifier.
1003	TradeID	Y	4	128	unsigned int	Uniquely Identifies all TES Trade Sides executed as part of a TES Trade per simple instrument.
75	TradeDate	Y	4	132	LocalMktDate	Business date.
1506	SideTradeID	Y	4	136	unsigned int	Private trade identifier of an executed TES Trade Side per simple instrument.
20455	RootPartyIDSessionID	N	4	140	unsigned int	Session ID.
1126	OrigTradeID	N	4	144	unsigned int	In case of a trade reversal/modification this field provides the original trade identifier.
20459	RootParty- IDExecutingUnit	Y	4	148	unsigned int	Business Unit ID.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description																		
20412	RootParty- IDExecutingTrader	Y	4	152	unsigned int	Owning User ID.																		
25026	RootPartyIDClearing- Unit	Y	4	156	unsigned int	Clearing Business Unit ID.																		
1851	StrategyLinkID	N	4	160	unsigned int	Corresponds to the AllocID/- IndividualAllocID (unique identifier for a TES Trade side).																		
1649	RelatedSymbol	N	4	164	signed int	Product identifier of the original T7 strategy.																		
748	TotNumTradeReports	N	4	168	signed int	Number of leg executions of the orig- inal strategy order.																		
26161	BasketTrdMatchID	N	4	172	signed int	System defined Basket ID																		
828	TrdType	N	2	176	unsigned int	Type of TES trade. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Block Trade</td> </tr> <tr> <td>12</td> <td>Exchange for Swap</td> </tr> <tr> <td>1000</td> <td>Vola Trade</td> </tr> <tr> <td>1001</td> <td>EFP-Fin Trade</td> </tr> <tr> <td>1002</td> <td>EFP-Index Futures Trade</td> </tr> <tr> <td>1004</td> <td>Trade at Market</td> </tr> </tbody> </table>	Value	Description	1	Block Trade	12	Exchange for Swap	1000	Vola Trade	1001	EFP-Fin Trade	1002	EFP-Index Futures Trade	1004	Trade at Market				
Value	Description																							
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1001	EFP-Fin Trade																							
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1004	Trade at Market																							
1227	ProductComplex	N	1	178	unsigned int	This field qualifies an instrument type on T7. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Simple instrument</td> </tr> <tr> <td>10</td> <td>Flexible Simple Instrument</td> </tr> </tbody> </table>	Value	Description	1	Simple instrument	10	Flexible Simple Instrument												
Value	Description																							
1	Simple instrument																							
10	Flexible Simple Instrument																							
28587	RelatedProduct- Complex	N	1	179	unsigned int	Instrument type of the original T7 strategy. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Standard Option Strategy</td> </tr> <tr> <td>3</td> <td>Non-Standard Option Strate- gy</td> </tr> <tr> <td>4</td> <td>Volatility Strategy</td> </tr> <tr> <td>5</td> <td>Futures Spread</td> </tr> <tr> <td>6</td> <td>Inter-Product Spread</td> </tr> <tr> <td>7</td> <td>Standard Future Strategy</td> </tr> <tr> <td>8</td> <td>Pack and Bundle</td> </tr> <tr> <td>9</td> <td>Strip</td> </tr> </tbody> </table>	Value	Description	2	Standard Option Strategy	3	Non-Standard Option Strate- gy	4	Volatility Strategy	5	Futures Spread	6	Inter-Product Spread	7	Standard Future Strategy	8	Pack and Bundle	9	Strip
Value	Description																							
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Tag	Field Name	Req'd	Len	Ofs	Data Type	Description										
54	Side	Y	1	180	unsigned int	<p>Side of the TES trade.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </tbody> </table>	Value	Description	1	Buy	2	Sell				
Value	Description															
1	Buy															
2	Sell															
1815	TradingCapacity	N	1	181	unsigned int	<p>This field designates if the trader is acting in the capacity of agent, trading for its own account or acting as a market maker.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Customer (Agency)</td> </tr> <tr> <td>5</td> <td>Principal (Proprietary)</td> </tr> <tr> <td>6</td> <td>MarketMaker</td> </tr> </tbody> </table>	Value	Description	1	Customer (Agency)	5	Principal (Proprietary)	6	MarketMaker		
Value	Description															
1	Customer (Agency)															
5	Principal (Proprietary)															
6	MarketMaker															
856	TradeReportType	Y	1	182	unsigned int	<p>Identifies the type of trade notification.</p> <p>The values 1 (= Alleged) and 5 (= No/Was) can occur only in the context of Total Return/Variance/-TARP/MoC Futures, where 'Alleged' represents the preliminary Trade Report during the business day and 'No/Was' is the final Trade Report at the end of the business day.</p> <p>The values 2 (=Accept), 6 (=Trade Report Cancel), 11 (=Alleged New), and 13 (=Alleged No/Was) can occur only in the context of TES.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Trade</td> </tr> <tr> <td>1</td> <td>Alleged</td> </tr> <tr> <td>5</td> <td>No/Was (Replaced)</td> </tr> <tr> <td>7</td> <td>(Locked-In) Trade Break</td> </tr> </tbody> </table>	Value	Description	0	Trade	1	Alleged	5	No/Was (Replaced)	7	(Locked-In) Trade Break
Value	Description															
0	Trade															
1	Alleged															
5	No/Was (Replaced)															
7	(Locked-In) Trade Break															
830	TransferReason	Y	1	183	unsigned int	<p>Identifies the role for which the trade notification is received.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Owner</td> </tr> <tr> <td>2</td> <td>Clearer</td> </tr> </tbody> </table>	Value	Description	1	Owner	2	Clearer				
Value	Description															
1	Owner															
2	Clearer															

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
1390	TradePublishIndicator	Y	1	184	unsigned int	<p>Indicates if a trade should be reported via the market reporting service.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Deferred publication to market</td> </tr> <tr> <td>3</td> <td>Published to market</td> </tr> </tbody> </table>	Value	Description	2	Deferred publication to market	3	Published to market
Value	Description											
2	Deferred publication to market											
3	Published to market											
442	MultiLegReporting-Type	N	1	185	unsigned int	<p>Indicates if the trade resulted from a single order or a multi leg instrument.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Single instrument</td> </tr> <tr> <td>2</td> <td>Complex instrument</td> </tr> </tbody> </table>	Value	Description	1	Single instrument	2	Complex instrument
Value	Description											
1	Single instrument											
2	Complex instrument											
77	PositionEffect	N	1	186	char	<p>Field is used for T7 position management purposes and indicates whether the order is submitted to open or close a position.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>C</td> <td>Close</td> </tr> <tr> <td>O</td> <td>Open</td> </tr> </tbody> </table>	Value	Description	C	Close	O	Open
Value	Description											
C	Close											
O	Open											
28750	MultilegPriceModel	N	1	187	unsigned int	<p>Price decomposition method for legs of a complex instrument.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>leg level prices provided by system</td> </tr> <tr> <td>1</td> <td>leg level prices provided by user</td> </tr> </tbody> </table>	Value	Description	0	leg level prices provided by system	1	leg level prices provided by user
Value	Description											
0	leg level prices provided by system											
1	leg level prices provided by user											
23002	OrderAttribute-LiquidityProvision	N	1	188	unsigned int	<p>Indication as to whether an order is submitted to a Trading Venue as part of a market making strategy.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Liquidity provision</td> </tr> <tr> <td>0</td> <td>No liquidity provision</td> </tr> </tbody> </table>	Value	Description	1	Liquidity provision	0	No liquidity provision
Value	Description											
1	Liquidity provision											
0	No liquidity provision											

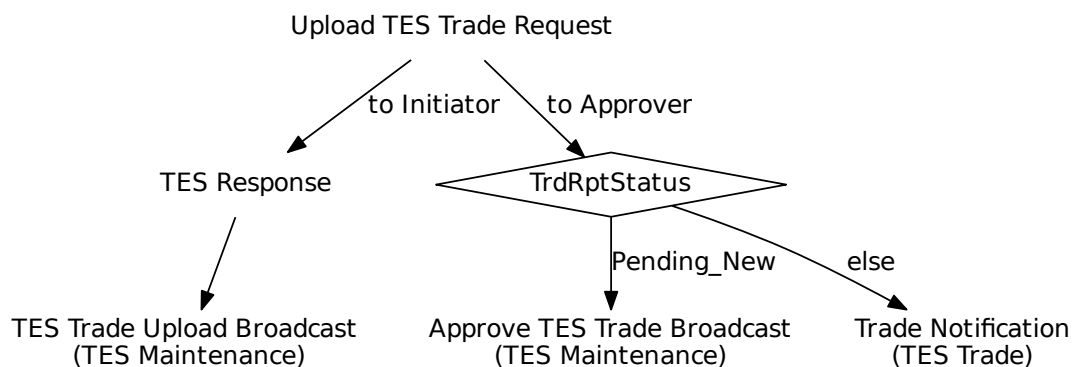
Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
23003	OrderAttributeRisk-Reduction	N	1	189	unsigned int	<p>Indication as to whether the transaction reduces risk in an objectively measurable way in accordance with Article 57 of Directive 2014/EU. The field is only applicable for commodity derivative transactions.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Risk reduction</td> </tr> <tr> <td>0</td> <td>No risk reduction</td> </tr> </tbody> </table>	Value	Description	1	Risk reduction	0	No risk reduction
Value	Description											
1	Risk reduction											
0	No risk reduction											
25124	ExecutingTrader-Qualifier	N	1	190	unsigned int	<p>Qualifier for field ExecutingTrader. It is required to distinguish between natural persons and Algos.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algo</td> </tr> <tr> <td>24</td> <td>Human/Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algo	24	Human/Natural person
Value	Description											
22	Algo											
24	Human/Natural person											
21622	RootParty-IDInvestmentDecision-MakerQualifier	N	1	191	unsigned int	<p>Qualifier for field PartyIdInvestmentDecisionMaker. Members/participants will have the possibility to specify an Investment qualifier value to distinguish between natural persons and Algos.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algo</td> </tr> <tr> <td>24</td> <td>Human/Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algo	24	Human/Natural person
Value	Description											
22	Algo											
24	Human/Natural person											
1	Account	N	2	192	Fixed String	<p>Accounts to book trades and keep positions on.</p> <p>Valid characters: 1-9, \x41, \x45, \x47, \x4D, \x50, \x52</p>						
20438	RootPartyIDPosition-Account	N	32	194	Fixed String	<p>'Flexible Account' information.</p> <p>Valid characters: \x20, \x30-\x39, \x41-\x5A</p>						
1031	CustOrderHandling-Inst	N	1	226	Fixed String	<p>Identifies the source of an order, in accordance with the FIA guidelines for a rate Identifier. The field is for participant use only.</p> <p>Valid characters: \x20, \x22-\x7B, \x7D, \x7E</p>						

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
25007	FreeText1	N	12	227	Fixed String	First free-format text field for trader-specific or customer-related comments. Valid characters: \x20,\x23-\x25,\x28-\x2A,\x2C-\x3B,\x3F,\x41-\x5F,\x61-\x7B,\x7D,\x7E
25008	FreeText2	N	12	239	Fixed String	Second free-format text field for trader-specific or customer-related comments. Will not be forwarded to CCP for cash markets. Valid characters: \x20,\x23-\x25,\x28-\x2A,\x2C-\x3B,\x3F,\x41-\x5F,\x61-\x7B,\x7D,\x7E
25009	FreeText3	N	12	251	Fixed String	Third free-format text field for trader-specific or customer-related comments. Valid characters: \x20,\x23-\x25,\x28-\x2A,\x2C-\x3B,\x3F,\x41-\x5F,\x61-\x7B,\x7D,\x7E
22401	RootPartyExecuting-Firm	Y	5	263	Fixed String	Participant Short Name. Valid characters: \x20,\x22-\x7B,\x7D,\x7E
22412	RootPartyExecuting-Trader	Y	6	268	Fixed String	Owning User Short Name. Valid characters: \x20,\x22-\x7B,\x7D,\x7E
22404	RootPartyClearing-Firm	Y	5	274	Fixed String	Clearing Member Short Name. Valid characters: \x20,\x22-\x7B,\x7D,\x7E
22421	RootPartyClearing-Organization	Y	4	279	Fixed String	Clearing House Short Name. Valid characters: \x20,\x22-\x7B,\x7D,\x7E
20432	RootParty-IDBeneficiary	N	9	283	Fixed String	Final Beneficiary. Valid characters: \x20,\x22-\x7B,\x7D,\x7E
20496	RootPartyIDTakeUp-TradingFirm	N	5	292	Fixed String	Take-up Member Short Name. Valid characters: A-Z,0-9,\x20
20413	RootPartyIDOrder-OriginationFirm	N	7	297	Fixed String	External Member ID. Valid characters: A-Z,0-9,\x20

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
1903	RegulatoryTradeID	N	52	304	Fixed String	TVTIC - Trading Venue Transaction Identification Code Valid characters: 0-9,A-Z,a-z
26162	BasketSideTrade-ReportID	N	20	356	Fixed String	User defined Basket ID Valid characters: \x01-\x7E

11.12 Upload TES Trade Request

This message is used to upload TES Trades. This message is sent to the service "T7 Entry".



Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderIn></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplatID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10612 (Trade-CaptureReport, MsgType = AE)
25028	NetworkMsgID	U	8	6	Fixed String	not used
39020	Pad2	U	2	14	Fixed String	not used
<i><RequestHeader></i>						
34	MsgSeqNum	Y	4	16	unsigned int	Message sequence number used by the participant for requests sent to the gateway.
50	SenderSubID	Y	4	20	unsigned int	User ID.
<i><Message Body></i>						
48	SecurityID	Y	8	24	signed int	Instrument identifier.
31	LastPx	Y	8	32	PriceType	Price of TES trade.
483	TransBkdTime	N	8	40	UTCTimestamp	Time of Commencement, the time when an Off-Book trade was concluded outside the T7 System. There is a market specific validation of Time of Commencement by the T7 back-end.
810	UnderlyingPx	N	8	48	PriceType	Underlying price associate with a derivative instrument. To be set for TrdType (1001) EFP-Fin Trade [optional].

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description														
2589	RelatedClosePrice	N	8	56	floatDecimal6	User defined index price. To be set for TrdType (1004) Trade at Market [mandatory].														
1860	RelatedTradeQuantity	N	8	64	Qty	Quantity of the related trade. To be set for TrdType (1000) Vola Trade [mandatory].														
879	UnderlyingQty	N	8	72	Qty	Nominal value. To be set for Trdtype (12) Exchange for Swap [mandatory], (1001) EFP-Fin Trade [mandatory] and (1002) EFP-Index Futures Trade [mandatory].														
1300	MarketSegmentID	Y	4	80	signed int	Product identifier.														
987	UnderlyingSettlement-Date	N	4	84	LocalMktDate	Date the underlying instrument will settle. To be set for TrdType (1) Exchange for Swap [optional] and (1001) EFP-Fin Trade [optional].														
542	UnderlyingMaturity-Date	N	4	88	LocalMktDate	Underlying security's maturity date. To be set for TrdType (1001) EFP-Fin Trade [mandatory].														
1856	RelatedTradeID	N	4	92	unsigned int	Identifier of a related trade. To be set for TrdType (1000) Vola Trade [mandatory].														
2546	RelatedMarket-SegmentID	N	4	96	signed int	Identifies a related product. To be set for TrdType (1000) Vola Trade [mandatory].														
28758	NegotiationID	N	4	100	unsigned int	ID of a SRQS negotiation														
25152	SRQSRelatedTradeID	N	4	104	unsigned int	Trade ID out of a SRQS Negotiation Event														
828	TrdType	Y	2	108	unsigned int	Type of TES trade. <table border="1" data-bbox="991 1684 1409 1980"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Block Trade</td> </tr> <tr> <td>12</td> <td>Exchange for Swap</td> </tr> <tr> <td>1000</td> <td>Vola Trade</td> </tr> <tr> <td>1001</td> <td>EFP-Fin Trade</td> </tr> <tr> <td>1002</td> <td>EFP-Index Futures Trade</td> </tr> <tr> <td>1004</td> <td>Trade at Market</td> </tr> </tbody> </table>	Value	Description	1	Block Trade	12	Exchange for Swap	1000	Vola Trade	1001	EFP-Fin Trade	1002	EFP-Index Futures Trade	1004	Trade at Market
Value	Description																			
1	Block Trade																			
12	Exchange for Swap																			
1000	Vola Trade																			
1001	EFP-Fin Trade																			
1002	EFP-Index Futures Trade																			
1004	Trade at Market																			

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description																						
1227	ProductComplex	N	1	110	unsigned int	<p>This field qualifies an instrument type on T7.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Simple instrument</td> </tr> <tr> <td>2</td> <td>Standard Option Strategy</td> </tr> <tr> <td>3</td> <td>Non-Standard Option Strategy</td> </tr> <tr> <td>4</td> <td>Volatility Strategy</td> </tr> <tr> <td>5</td> <td>Futures Spread</td> </tr> <tr> <td>6</td> <td>Inter-Product Spread</td> </tr> <tr> <td>7</td> <td>Standard Future Strategy</td> </tr> <tr> <td>8</td> <td>Pack and Bundle</td> </tr> <tr> <td>9</td> <td>Strip</td> </tr> <tr> <td>10</td> <td>Flexible Simple Instrument</td> </tr> </tbody> </table>	Value	Description	1	Simple instrument	2	Standard Option Strategy	3	Non-Standard Option Strategy	4	Volatility Strategy	5	Futures Spread	6	Inter-Product Spread	7	Standard Future Strategy	8	Pack and Bundle	9	Strip	10	Flexible Simple Instrument
Value	Description																											
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856	TradeReportType	Y	1	111	unsigned int	<p>Identifies the type of trade notification.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Trade</td> </tr> </tbody> </table>	Value	Description	0	Trade																		
Value	Description																											
0	Trade																											
1390	TradePublishIndicator	Y	1	112	unsigned int	<p>Indicates if a trade should be reported via the market reporting service.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Do Not Publish Trade</td> </tr> <tr> <td>1</td> <td>Publish Trade</td> </tr> </tbody> </table>	Value	Description	0	Do Not Publish Trade	1	Publish Trade																
Value	Description																											
0	Do Not Publish Trade																											
1	Publish Trade																											
28709	NoSideAllocs	Y	1	113	Counter	Number of allocation in a T7 Entry Service trade. Number of TES trade sides in a TES trade																						
555	NoLegs	Y	1	114	Counter	Number of repeating TrdInstrmntLeg-Grp entries (number of legs for user provided leg trade prices).																						
864	NoEvents	Y	1	115	Counter	Number of repeating EventType entries.																						
870	NoInstrAttrib	Y	1	116	Counter	Number of repeating InstrAttribType entries.																						
887	NoUnderlyingStips	Y	1	117	Counter	Number of underlying stipulation entries.																						

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description										
25034	SkipValidations	Y	1	118	unsigned int	Indicator to skip validations. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>False</td> </tr> <tr> <td>1</td> <td>True</td> </tr> </tbody> </table>	Value	Description	0	False	1	True				
Value	Description															
0	False															
1	True															
939	TrdRptStatus	N	1	119	unsigned int	Trade Report status <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Accepted</td> </tr> <tr> <td>4</td> <td>Pending new</td> </tr> </tbody> </table>	Value	Description	0	Accepted	4	Pending new				
Value	Description															
0	Accepted															
4	Pending new															
25160	TradePlatform	N	1	120	unsigned int	Indicates trade platform. Can only be used for EEX <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Off-Book</td> </tr> <tr> <td>1</td> <td>On-Book</td> </tr> </tbody> </table>	Value	Description	0	Off-Book	1	On-Book				
Value	Description															
0	Off-Book															
1	On-Book															
29008	HedgeType	N	1	121	unsigned int	Hedging method. To be set for TrdType (12) Exchange for Swap [mandatory], (1001) EFP-Fin Trade [mandatory] and (1002) EFI-Index Futures Trade [mandatory]. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Duration Hedge</td> </tr> <tr> <td>1</td> <td>Nominal Hedge</td> </tr> <tr> <td>2</td> <td>Price Factor Hedge</td> </tr> </tbody> </table>	Value	Description	0	Duration Hedge	1	Nominal Hedge	2	Price Factor Hedge		
Value	Description															
0	Duration Hedge															
1	Nominal Hedge															
2	Price Factor Hedge															
20010	PartyIDSettlement-Location	N	1	122	unsigned int	ID of settlement location. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Clearstream Banking Frankfurt</td> </tr> <tr> <td>2</td> <td>Clearstream Banking Luxembourg</td> </tr> <tr> <td>3</td> <td>CLS Group</td> </tr> <tr> <td>4</td> <td>Euroclear</td> </tr> </tbody> </table>	Value	Description	1	Clearstream Banking Frankfurt	2	Clearstream Banking Luxembourg	3	CLS Group	4	Euroclear
Value	Description															
1	Clearstream Banking Frankfurt															
2	Clearstream Banking Luxembourg															
3	CLS Group															
4	Euroclear															
571	TradeReportID	N	20	123	Fixed String	User defined transaction ID. Part of the TES response and TES broadcast. Valid characters: \x01-\x7E										
28583	TradeReportText	N	20	143	Fixed String	User defined text field. Valid characters: \x01-\x7E										

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
309	UnderlyingSecurityID	N	12	163	ISIN	Underlying security's ID (ISIN). To be set for TrdType (1001) EFP-Fin Trade [mandatory]. Valid characters: A-Z,0-9,\x20
307	UnderlyingSecurity-Desc	N	30	175	Fixed String	Description of the Underlying security. To be set for TrdType (1001) EFP-Fin Trade [optional]. Valid characters: \x01-\x7E
318	UnderlyingCurrency	N	3	205	CurrencyType	Underlying security's currency. To be set for TrdType (12) Exchange for Swap [optional]and (1001) EFP-Fin Trade [optional]. Valid characters: A-Z,0-9,\x20
306	UnderlyingIssuer	N	30	208	Fixed String	The issuer or name of the underlying security. To be set for TrdType (1001) EFP-Fin Trade [optional]. Valid characters: \x01-\x7E
39020	Pad2	U	2	238	Fixed String	not used
<SideAllocExtGrp>						Cardinality: 1-30, Record counter: NoSideAllocs
80	>AllocQty	Y	8	240	Qty	Quantity of the particular trade side in the TES trade.
20003	>PartyIDClientID	N	8	248	unsigned int	Client Identifier field (ESMA Field 3 (Section A))used to identify the client of an order for agent account of the member or participant of the trading venue. If the Client Identifier field is not provided for agent orders, then they will be rejected. For orders sent with Trading Capacity Proprietary or Market Making, the Client Identifier field may remain empty.
20122	>PartyIdInvestment-DecisionMaker	N	8	256	unsigned int	Investment decision within firm (ESMA Field 4 (Section A)) is the code used to identify the person or the algorithm within the member or participant of the Trading Venue who is responsible for the investment decision.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description								
25123	>ExecutingTrader	N	8	264	unsigned int	Executing Trader data Field(ESMA Field 5 (Section A))used to identify the person or algorithm within the member or participant of the trading venue who is responsible for the execution of the transaction resulting from the order.								
467	>IndividualAllocID	U	4	272	unsigned int	not used								
22001	>PartyExecutingFirm	Y	5	276	Fixed String	Owning business unit name. Valid characters: A-Z,0-9,\x20								
22012	>PartyExecuting- Trader	Y	6	281	Fixed String	Owning user name. Valid characters: A-Z,0-9,\x20								
54	>Side	Y	1	287	unsigned int	Side of the TES trade. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </tbody> </table>	Value	Description	1	Buy	2	Sell		
Value	Description													
1	Buy													
2	Sell													
1840	>TradeAllocStatus	U	1	288	unsigned int	not used								
1815	>TradingCapacity	N	1	289	unsigned int	This field designates if the trader is acting in the capacity of agent, trading for its own account or acting as a market maker. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Customer (Agency)</td> </tr> <tr> <td>5</td> <td>Principal (Proprietary)</td> </tr> <tr> <td>6</td> <td>MarketMaker</td> </tr> </tbody> </table>	Value	Description	1	Customer (Agency)	5	Principal (Proprietary)	6	MarketMaker
Value	Description													
1	Customer (Agency)													
5	Principal (Proprietary)													
6	MarketMaker													
77	>PositionEffect	N	1	290	char	Field is used for T7 position management purposes and indicates whether the order is submitted to open or close a position. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>C</td> <td>Close</td> </tr> <tr> <td>O</td> <td>Open</td> </tr> </tbody> </table>	Value	Description	C	Close	O	Open		
Value	Description													
C	Close													
O	Open													

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
23002	>OrderAttribute-LiquidityProvision	N	1	291	unsigned int	<p>Indication as to whether an order is submitted to a Trading Venue as part of a market making strategy.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Liquidity provision</td> </tr> <tr> <td>0</td> <td>No liquidity provision</td> </tr> </tbody> </table>	Value	Description	1	Liquidity provision	0	No liquidity provision
Value	Description											
1	Liquidity provision											
0	No liquidity provision											
25124	>ExecutingTrader-Qualifier	N	1	292	unsigned int	<p>Qualifier for field ExecutingTrader. It is required to distinguish between natural persons and Algos.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algo</td> </tr> <tr> <td>24</td> <td>Human/Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algo	24	Human/Natural person
Value	Description											
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21222	>PartyIdInvestment-DecisionMaker-Qualifier	N	1	293	unsigned int	<p>Qualifier for field PartyIdInvestment-DecisionMaker. Members/participants will have the possibility to specify an Investment qualifier value to distinguish between natural persons and Algos.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algo</td> </tr> <tr> <td>24</td> <td>Human/Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algo	24	Human/Natural person
Value	Description											
22	Algo											
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23003	>OrderAttributeRisk-Reduction	N	1	294	unsigned int	<p>Indication as to whether the transaction reduces risk in an objectively measurable way in accordance with Article 57 of Directive 2014/EU. The field is only applicable for commodity derivative transactions.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Risk reduction</td> </tr> <tr> <td>0</td> <td>No risk reduction</td> </tr> </tbody> </table>	Value	Description	1	Risk reduction	0	No risk reduction
Value	Description											
1	Risk reduction											
0	No risk reduction											
1	>Account	N	2	295	Fixed String	<p>Accounts to book trades and keep positions on.</p> <p>Valid characters: 1-9, \x41, \x45, \x47, \x4D, \x50, \x52</p>						

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
20038	>PartyIDPosition-Account	N	32	297	Fixed String	'Flexible Account' information. Valid characters: \x20,\x30-\x39,\x41-\x5A
20096	>PartyIDTakeUp-TradingFirm	N	5	329	Fixed String	Take-up Member Short Name. Valid characters: A-Z,0-9,\x20
25007	>FreeText1	N	12	334	Fixed String	First free-format text field for trader-specific or customer-related comments. Valid characters: \x20,\x23-\x25,\x28-\x2A,\x2C-\x3B,\x3F,\x41-\x5F,\x61-\x7B,\x7D,\x7E
25008	>FreeText2	N	12	346	Fixed String	Second free-format text field for trader-specific or customer-related comments. Will not be forwarded to CCP for cash markets. Valid characters: \x20,\x23-\x25,\x28-\x2A,\x2C-\x3B,\x3F,\x41-\x5F,\x61-\x7B,\x7D,\x7E
25009	>FreeText3	N	12	358	Fixed String	Third free-format text field for trader-specific or customer-related comments. Valid characters: \x20,\x23-\x25,\x28-\x2A,\x2C-\x3B,\x3F,\x41-\x5F,\x61-\x7B,\x7D,\x7E
20013	>PartyIDOrder-OriginationFirm	N	7	370	Fixed String	External Member ID. Valid characters: A-Z,0-9,\x20
20032	>PartyIDBeneficiary	N	9	377	Fixed String	Final Beneficiary Valid characters: A-Z,0-9,\x20
20075	>PartyIDLocationID	N	2	386	Fixed String	Country code. Valid characters: \x01-\x7E
1031	>CustOrderHandling-Inst	N	1	388	Fixed String	Identifies the source of an order, in accordance with the FIA guidelines for a rate Identifier.The field is for participant use only. Valid characters: \x20,\x22-\x7B,\x7D,\x7E

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
2404	>ComplianceText	N	20	389	Fixed String	This field is used to provide additional regulatory information (according to respective rules & regs, circulars and/or bilateral coordination between participant and Trading Surveillance Office). Valid characters: \x20,\x22-\x7B,\x7D,\x7E						
39070	>Pad7	U	7	409	Fixed String	not used						
<TrdInstrmntLegGrp>						Cardinality: 0-20, Record counter: NoLegs						
602	>LegSecurityID	Y	8	0	signed int	Instrument identifier of the leg security.						
566	>LegPrice	Y	8	8	PriceType	User provided leg trade price (not for underlying leg).						
<InstrumentEventGrp>						Cardinality: 0-2, Record counter: NoEvents						
866	>EventDate	Y	4	0	LocalMktDate	Date of event. To be set for TrdType (12) Exchange for Swap [mandatory].						
865	>EventType	Y	1	4	unsigned int	Code to represent the type of event. To be set for (12) Exchange for Swap [Swap_Start_Date, swap_End_date: mandatory].						
						<table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>8</td> <td>Swap Start Date</td> </tr> <tr> <td>9</td> <td>Swap End Date</td> </tr> </tbody> </table>	Value	Description	8	Swap Start Date	9	Swap End Date
Value	Description											
8	Swap Start Date											
9	Swap End Date											
39030	>Pad3	U	3	5	Fixed String	not used						
<InstrumentAttributeGrp>						Cardinality: 0-6, Record counter: NoInstrAttrib						

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description														
871	>InstrAttribType	Y	1	0	unsigned int	<p>Code to represent the type of instrument attribute.</p> <p>To be set for TrdType (12) Exchange for Swap[Swap, Customer_1, Swap_Customer_2 Variable_Rate, Offset_to-the_variable_coupon_rate: optional], (1001) EFP-Fin Trade [Coupon_Rate: optional] and (1002) EFP-Index Futures Trade[Cash_Basket_Reference: mandatory].</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>Variable rate</td> </tr> <tr> <td>100</td> <td>Coupon rate</td> </tr> <tr> <td>101</td> <td>Offset to the variable coupon rate</td> </tr> <tr> <td>102</td> <td>Swap Customer 1</td> </tr> <tr> <td>103</td> <td>Swap Customer 2</td> </tr> <tr> <td>104</td> <td>Cash Basket Reference</td> </tr> </tbody> </table>	Value	Description	5	Variable rate	100	Coupon rate	101	Offset to the variable coupon rate	102	Swap Customer 1	103	Swap Customer 2	104	Cash Basket Reference
Value	Description																			
5	Variable rate																			
100	Coupon rate																			
101	Offset to the variable coupon rate																			
102	Swap Customer 1																			
103	Swap Customer 2																			
104	Cash Basket Reference																			
872	>InstrAttribValue	Y	32	1	Fixed String	<p>Attribute value appropriate to the InstrAttribType field.</p> <p>To be set for TrdType (12) Exchange for Swap [optional], (1001) EFP-Fin Trade [optional] and (1002) EFP-Index Futures Trade [mandatory].</p> <p>Valid characters: \x01-\x7E</p>														
39070	>Pad7	U	7	33	Fixed String	not used														
<UnderlyingStipGrp>						Cardinality: 0-1, Record counter: NoUnderlyingStips														
889	>UnderlyingStipValue	Y	32	0	Fixed String	<p>Value of stipulation. In case of coupon frequency , fill the field with coupon frequency value.</p> <p>To be set for TrdType (12) Exchange for Swap [optional] and (1001) EFP-Fin Trade [optional].</p> <p>Valid characters: \x01-\x7E</p>														

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description				
888	>UnderlyingStipType	Y	7	32	Fixed String	Type of stipulation. e.g. to denote coupon frequency. Pay_Frequency to be set for TrdType (12) Exchange for Swap [optional] and (1001) EFP-Fin Trade [optional]. <table border="1" data-bbox="991 584 1409 669"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>PAYFREQ</td> <td>Pay_Frequency</td> </tr> </tbody> </table>	Value	Description	PAYFREQ	Pay_Frequency
Value	Description									
PAYFREQ	Pay_Frequency									
39000	>Pad1	U	1	39	Fixed String	not used				

11.13 TES Trade Upload Broadcast

This message informs about uploaded TES Trades.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
<i><MessageHeaderOut></i>												
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.						
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10613 (Trade-CaptureReport, MsgType = AE)						
39020	Pad2	U	2	6	Fixed String	not used						
<i><RBCHeader></i>												
52	SendingTime	Y	8	8	UTCTimestamp	Gateway response out timestamp.						
1181	ApplSeqNum	Y	8	16	unsigned int	Application sequence number assigned to a non-order related T7 ETI data stream.						
28727	ApplSubID	N	4	24	unsigned int	Unique ID assigned by the T7 system during broadcast subscription in order to link broadcasts to the related subscription.						
5948	PartitionID	Y	2	28	unsigned int	Grouping of T7 products. Belongs to the scope of Service Availability and Retransmit requests.						
1352	ApplResendFlag	Y	1	30	unsigned int	Indicates a retransmission message. <table border="1" data-bbox="991 1317 1409 1447"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>False</td> </tr> <tr> <td>1</td> <td>True</td> </tr> </tbody> </table>	Value	Description	0	False	1	True
Value	Description											
0	False											
1	True											
1180	ApplIID	Y	1	31	unsigned int	Identifier for an ETI data stream. <table border="1" data-bbox="991 1525 1409 1608"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>7</td> <td>TES Maintenance</td> </tr> </tbody> </table>	Value	Description	7	TES Maintenance		
Value	Description											
7	TES Maintenance											
893	LastFragment	Y	1	32	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1" data-bbox="991 1805 1409 1888"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	1	Last Message		
Value	Description											
1	Last Message											
39070	Pad7	U	7	33	Fixed String	not used						
<i><Message Body></i>												
48	SecurityID	Y	8	40	signed int	Instrument identifier.						
31	LastPx	Y	8	48	PriceType	Price of TES trade.						

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
483	TransBkdTime	N	8	56	UTCTimestamp	Time of Commencement, the time when an Off-Book trade was concluded outside the T7 System. There is a market specific validation of Time of Commencement by the T7 back-end.
60	TransactTime	Y	8	64	UTCTimestamp	Transaction timestamp.
810	UnderlyingPx	N	8	72	PriceType	Underlying price associate with a derivative instrument. To be set for TrdType (1001) EFP-Fin Trade [optional].
2589	RelatedClosePrice	N	8	80	floatDecimal6	User defined index price. To be set for TrdType (1004) Trade at Market [mandatory].
1860	RelatedTradeQuantity	N	8	88	Qty	Quantity of the related trade. To be set for TrdType (1000) Vola Trade [mandatory].
879	UnderlyingQty	N	8	96	Qty	Nominal value. To be set for Trdtype (12) Exchange for Swap [mandatory], (1001) EFP-Fin Trade [mandatory]and (1002) EFP-Index Futures Trade [mandatory].
1300	MarketSegmentID	Y	4	104	signed int	Product identifier.
2489	PackageID	Y	4	108	unsigned int	Identifier for a T7 Entry Service trade i.e. TES trade ID.
30017	TESExecID	Y	4	112	unsigned int	System transaction identifier for a T7 Entry Service transaction.
987	UnderlyingSettlement-Date	N	4	116	LocalMktDate	Date the underlying instrument will settle. To be set for TrdType (1) Exchange for Swap [optional] and (1001) EFP-Fin Trade [optional].
542	UnderlyingMaturity-Date	N	4	120	LocalMktDate	Underlying security's maturity date. To be set for TrdType (1001) EFP-Fin Trade [mandatory].
1856	RelatedTradeID	N	4	124	unsigned int	Identifier of a related trade. To be set for TrdType (1000) Vola Trade [mandatory].
2546	RelatedMarket-SegmentID	N	4	128	signed int	Identifies a related product. To be set for TrdType (1000) Vola Trade [mandatory].

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description																						
28758	NegotiationID	N	4	132	unsigned int	ID of a SRQS negotiation																						
25152	SRQSRelatedTradeID	N	4	136	unsigned int	Trade ID out of a SRQS Negotiation Event																						
828	TrdType	Y	2	140	unsigned int	Type of TES trade. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Block Trade</td> </tr> <tr> <td>12</td> <td>Exchange for Swap</td> </tr> <tr> <td>1000</td> <td>Vola Trade</td> </tr> <tr> <td>1001</td> <td>EFP-Fin Trade</td> </tr> <tr> <td>1002</td> <td>EFP-Index Futures Trade</td> </tr> <tr> <td>1004</td> <td>Trade at Market</td> </tr> </tbody> </table>	Value	Description	1	Block Trade	12	Exchange for Swap	1000	Vola Trade	1001	EFP-Fin Trade	1002	EFP-Index Futures Trade	1004	Trade at Market								
Value	Description																											
1	Block Trade																											
12	Exchange for Swap																											
1000	Vola Trade																											
1001	EFP-Fin Trade																											
1002	EFP-Index Futures Trade																											
1004	Trade at Market																											
1227	ProductComplex	N	1	142	unsigned int	This field qualifies an instrument type on T7. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Simple instrument</td> </tr> <tr> <td>2</td> <td>Standard Option Strategy</td> </tr> <tr> <td>3</td> <td>Non-Standard Option Strategy</td> </tr> <tr> <td>4</td> <td>Volatility Strategy</td> </tr> <tr> <td>5</td> <td>Futures Spread</td> </tr> <tr> <td>6</td> <td>Inter-Product Spread</td> </tr> <tr> <td>7</td> <td>Standard Future Strategy</td> </tr> <tr> <td>8</td> <td>Pack and Bundle</td> </tr> <tr> <td>9</td> <td>Strip</td> </tr> <tr> <td>10</td> <td>Flexible Simple Instrument</td> </tr> </tbody> </table>	Value	Description	1	Simple instrument	2	Standard Option Strategy	3	Non-Standard Option Strategy	4	Volatility Strategy	5	Futures Spread	6	Inter-Product Spread	7	Standard Future Strategy	8	Pack and Bundle	9	Strip	10	Flexible Simple Instrument
Value	Description																											
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10	Flexible Simple Instrument																											
856	TradeReportType	Y	1	143	unsigned int	Identifies the type of trade notification. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Accept</td> </tr> <tr> <td>0</td> <td>Trade</td> </tr> </tbody> </table>	Value	Description	2	Accept	0	Trade																
Value	Description																											
2	Accept																											
0	Trade																											
1390	TradePublishIndicator	Y	1	144	unsigned int	Indicates if a trade should be reported via the market reporting service. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Do Not Publish Trade</td> </tr> <tr> <td>1</td> <td>Publish Trade</td> </tr> </tbody> </table>	Value	Description	0	Do Not Publish Trade	1	Publish Trade																
Value	Description																											
0	Do Not Publish Trade																											
1	Publish Trade																											

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description										
25160	TradePlatform	Y	1	145	unsigned int	Indicates trade platform. Can only be used for EEX <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Off-Book</td> </tr> <tr> <td>1</td> <td>On-Book</td> </tr> </tbody> </table>	Value	Description	0	Off-Book	1	On-Book				
Value	Description															
0	Off-Book															
1	On-Book															
28709	NoSideAllocs	Y	1	146	Counter	Number of allocation in a T7 Entry Service trade. Number of TES trade sides in a TES trade										
555	NoLegs	Y	1	147	Counter	Number of repeating TrdInstrmntLeg-Grp entries (number of legs for user provided leg trade prices).										
864	NoEvents	Y	1	148	Counter	Number of repeating EventType entries.										
870	NoInstrAttrib	Y	1	149	Counter	Number of repeating InstrAttribType entries.										
887	NoUnderlyingStips	Y	1	150	Counter	Number of underlying stipulation entries.										
29008	HedgeType	N	1	151	unsigned int	Hedging method. To be set for TrdType (12) Exchange for Swap [mandatory], (1001) EFP-Fin Trade [mandatory]and (1002) EFI-Index Futures Trade [mandatory]. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Duration Hedge</td> </tr> <tr> <td>1</td> <td>Nominal Hedge</td> </tr> <tr> <td>2</td> <td>Price Factor Hedge</td> </tr> </tbody> </table>	Value	Description	0	Duration Hedge	1	Nominal Hedge	2	Price Factor Hedge		
Value	Description															
0	Duration Hedge															
1	Nominal Hedge															
2	Price Factor Hedge															
20010	PartyIDSettlement-Location	N	1	152	unsigned int	ID of settlement location. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Clearstrem Banking Frankfurt</td> </tr> <tr> <td>2</td> <td>Clearstrem Banking Luxemburg</td> </tr> <tr> <td>3</td> <td>CLS Group</td> </tr> <tr> <td>4</td> <td>Euroclear</td> </tr> </tbody> </table>	Value	Description	1	Clearstrem Banking Frankfurt	2	Clearstrem Banking Luxemburg	3	CLS Group	4	Euroclear
Value	Description															
1	Clearstrem Banking Frankfurt															
2	Clearstrem Banking Luxemburg															
3	CLS Group															
4	Euroclear															

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
1011	MessageEventSource	Y	1	153	char	Receiver of a message. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>I</td> <td>Broadcast to initiator</td> </tr> <tr> <td>A</td> <td>Broadcast to approver</td> </tr> </tbody> </table>	Value	Description	I	Broadcast to initiator	A	Broadcast to approver
Value	Description											
I	Broadcast to initiator											
A	Broadcast to approver											
571	TradeReportID	N	20	154	Fixed String	User defined transaction ID. Part of the TES response and TES broadcast. Valid characters: \x01-\x7E						
22401	RootPartyExecuting-Firm	N	5	174	Fixed String	Participant Short Name. Valid characters: \x20,\x22-\x7B,\x7D,\x7E						
22412	RootPartyExecuting-Trader	N	6	179	Fixed String	Owning User Short Name. Valid characters: \x20,\x22-\x7B,\x7D,\x7E						
309	UnderlyingSecurityID	N	12	185	ISIN	Underlying security's ID (ISIN). To be set for TrdType (1001) EFP-Fin Trade [mandatory]. Valid characters: A-Z,0-9,\x20						
307	UnderlyingSecurity-Desc	N	30	197	Fixed String	Description of the Underlying security. To be set for TrdType (1001) EFP-Fin Trade [optional]. Valid characters: \x01-\x7E						
318	UnderlyingCurrency	N	3	227	CurrencyType	Underlying security's currency. To be set for TrdType (12) Exchange for Swap [optional] and (1001) EFP-Fin Trade [optional]. Valid characters: A-Z,0-9,\x20						
306	UnderlyingIssuer	N	30	230	Fixed String	The issuer or name of the underlying security. To be set for TrdType (1001) EFP-Fin Trade [optional]. Valid characters: \x01-\x7E						
39040	Pad4	U	4	260	Fixed String	not used						
<SideAllocExtGrp>						Cardinality: 1-30, Record counter: NoSideAllocs						
80	>AllocQty	Y	8	264	Qty	Quantity of the particular trade side in the TES trade.						

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description												
20003	>PartyIDClientID	N	8	272	unsigned int	Client Identifier field (ESMA Field 3 (Section A))used to identify the client of an order for agent account of the member or participant of the trading venue. If the Client Identifier field is not provided for agent orders, then they will be rejected. For orders sent with Trading Capacity Proprietary or Market Making, the Client Identifier field may remain empty.												
20122	>PartyIDInvestment-DecisionMaker	N	8	280	unsigned int	Investment decision within firm (ESMA Field 4 (Section A)) is the code used to identify the person or the algorithm within the member or participant of the Trading Venue who is responsible for the investment decision.												
25123	>ExecutingTrader	N	8	288	unsigned int	Executing Trader data Field(ESMA Field 5 (Section A))used to identify the person or algorithm within the member or participant of the trading venue who is responsible for the execution of the transaction resulting from the order.												
467	>IndividualAllocID	Y	4	296	unsigned int	Unique identifier for a TES trade side.												
22001	>PartyExecutingFirm	Y	5	300	Fixed String	Owning business unit name. Valid characters: A-Z,0-9,\x20												
22012	>PartyExecuting-Trader	Y	6	305	Fixed String	Owning user name. Valid characters: A-Z,0-9,\x20												
54	>Side	Y	1	311	unsigned int	Side of the TES trade. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </tbody> </table>	Value	Description	1	Buy	2	Sell						
Value	Description																	
1	Buy																	
2	Sell																	
1840	>TradeAllocStatus	Y	1	312	unsigned int	Status of an allocation in a T7 Entry Service trade. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Pending</td> </tr> <tr> <td>2</td> <td>Approved</td> </tr> <tr> <td>3</td> <td>Auto Approved</td> </tr> <tr> <td>4</td> <td>Uploaded</td> </tr> <tr> <td>5</td> <td>Canceled</td> </tr> </tbody> </table>	Value	Description	1	Pending	2	Approved	3	Auto Approved	4	Uploaded	5	Canceled
Value	Description																	
1	Pending																	
2	Approved																	
3	Auto Approved																	
4	Uploaded																	
5	Canceled																	

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description								
1815	>TradingCapacity	Y	1	313	unsigned int	<p>This field designates if the trader is acting in the capacity of agent, trading for its own account or acting as a market maker.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Customer (Agency)</td> </tr> <tr> <td>5</td> <td>Principal (Proprietary)</td> </tr> <tr> <td>6</td> <td>MarketMaker</td> </tr> </tbody> </table>	Value	Description	1	Customer (Agency)	5	Principal (Proprietary)	6	MarketMaker
Value	Description													
1	Customer (Agency)													
5	Principal (Proprietary)													
6	MarketMaker													
77	>PositionEffect	Y	1	314	char	<p>Field is used for T7 position management purposes and indicates whether the order is submitted to open or close a position.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>C</td> <td>Close</td> </tr> <tr> <td>O</td> <td>Open</td> </tr> </tbody> </table>	Value	Description	C	Close	O	Open		
Value	Description													
C	Close													
O	Open													
23002	>OrderAttribute-LiquidityProvision	U	1	315	unsigned int	not used								
25124	>ExecutingTrader-Qualifier	N	1	316	unsigned int	<p>Qualifier for field ExecutingTrader. It is required to distinguish between natural persons and Algos.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algo</td> </tr> <tr> <td>24</td> <td>Human/Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algo	24	Human/Natural person		
Value	Description													
22	Algo													
24	Human/Natural person													
21222	>PartyIdInvestment-DecisionMaker-Qualifier	N	1	317	unsigned int	<p>Qualifier for field PartyIdInvestment-DecisionMaker. Members/participants will have the possibility to specify an Investment qualifier value to distinguish between natural persons and Algos.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algo</td> </tr> <tr> <td>24</td> <td>Human/Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algo	24	Human/Natural person		
Value	Description													
22	Algo													
24	Human/Natural person													

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
23003	>OrderAttributeRisk-Reduction	N	1	318	unsigned int	Indication as to whether the transaction reduces risk in an objectively measurable way in accordance with Article 57 of Directive 2014/EU. The field is only applicable for commodity derivative transactions. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Risk reduction</td> </tr> <tr> <td>0</td> <td>No risk reduction</td> </tr> </tbody> </table>	Value	Description	1	Risk reduction	0	No risk reduction
Value	Description											
1	Risk reduction											
0	No risk reduction											
1	>Account	N	2	319	Fixed String	Accounts to book trades and keep positions on. Valid characters: 1-9,\x41,\x45,\x47,\x4D,\x50,\x52						
20038	>PartyIDPosition-Account	N	32	321	Fixed String	'Flexible Account' information. Valid characters: \x20,\x30-\x39,\x41-\x5A						
20096	>PartyIDTakeUp-TradingFirm	N	5	353	Fixed String	Take-up Member Short Name. Valid characters: A-Z,0-9,\x20						
25007	>FreeText1	N	12	358	Fixed String	First free-format text field for trader-specific or customer-related comments. Valid characters: \x20,\x23-\x25,\x28-\x2A,\x2C-\x3B,\x3F,\x41-\x5F,\x61-\x7B,\x7D,\x7E						
25008	>FreeText2	N	12	370	Fixed String	Second free-format text field for trader-specific or customer-related comments. Will not be forwarded to CCP for cash markets. Valid characters: \x20,\x23-\x25,\x28-\x2A,\x2C-\x3B,\x3F,\x41-\x5F,\x61-\x7B,\x7D,\x7E						
25009	>FreeText3	N	12	382	Fixed String	Third free-format text field for trader-specific or customer-related comments. Valid characters: \x20,\x23-\x25,\x28-\x2A,\x2C-\x3B,\x3F,\x41-\x5F,\x61-\x7B,\x7D,\x7E						
20013	>PartyIDOrder-OriginationFirm	N	7	394	Fixed String	External Member ID. Valid characters: A-Z,0-9,\x20						

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
20032	>PartyIDBeneficiary	N	9	401	Fixed String	Final Beneficiary Valid characters: A-Z,0-9,\x20						
20075	>PartyIDLocationID	N	2	410	Fixed String	Country code. Valid characters: \x01-\x7E						
1031	>CustOrderHandling-Inst	N	1	412	Fixed String	Identifies the source of an order, in accordance with the FIA guidelines for a rate Identifier.The field is for participant use only. Valid characters: \x20,\x22-\x7B,\x7D,\x7E						
2404	>ComplianceText	N	20	413	Fixed String	This field is used to provide additional regulatory information (according to respective rules & regs, circulars and/or bilateral coordination between participant and Trading Surveillance Office). Valid characters: \x20,\x22-\x7B,\x7D,\x7E						
39070	>Pad7	U	7	433	Fixed String	not used						
<TrdInstrmntLegGrp>						Cardinality: 0-20, Record counter: NoLegs						
602	>LegSecurityID	Y	8	0	signed int	Instrument identifier of the leg security.						
566	>LegPrice	Y	8	8	PriceType	User provided leg trade price (not for underlying leg).						
<InstrumentEventGrp>						Cardinality: 0-2, Record counter: NoEvents						
866	>EventDate	Y	4	0	LocalMktDate	Date of event. To be set for TrdType (12) Exchange for Swap [mandatory].						
865	>EventType	Y	1	4	unsigned int	Code to represent the type of event. To be set for (12) Exchange for Swap [Swap_Start_Date, swap_End_date: mandatory].						
						<table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>8</td> <td>Swap Start Date</td> </tr> <tr> <td>9</td> <td>Swap End Date</td> </tr> </tbody> </table>	Value	Description	8	Swap Start Date	9	Swap End Date
Value	Description											
8	Swap Start Date											
9	Swap End Date											
39030	>Pad3	U	3	5	Fixed String	not used						
<InstrumentAttributeGrp>						Cardinality: 0-6, Record counter: NoInstrAttrib						

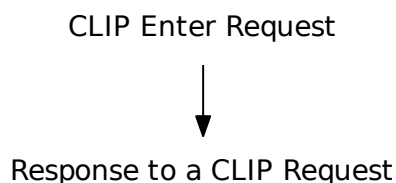
Tag	Field Name	Req'd	Len	Ofs	Data Type	Description														
871	>InstrAttribType	Y	1	0	unsigned int	<p>Code to represent the type of instrument attribute.</p> <p>To be set for TrdType (12) Exchange for Swap[Swap,Customer_1, Swap_Customer_2 Variable_Rate, Offset_to-the_variable_coupon_rate: optional], (1001) EFP-Fin Trade [Coupon_Rate: optional]and (1002) EFP-Index Futures Trade[Cash_Basket_Reference: mandatory].</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>Variable rate</td> </tr> <tr> <td>100</td> <td>Coupon rate</td> </tr> <tr> <td>101</td> <td>Offset to the variable coupon rate</td> </tr> <tr> <td>102</td> <td>Swap Customer 1</td> </tr> <tr> <td>103</td> <td>Swap Customer 2</td> </tr> <tr> <td>104</td> <td>Cash Basket Reference</td> </tr> </tbody> </table>	Value	Description	5	Variable rate	100	Coupon rate	101	Offset to the variable coupon rate	102	Swap Customer 1	103	Swap Customer 2	104	Cash Basket Reference
Value	Description																			
5	Variable rate																			
100	Coupon rate																			
101	Offset to the variable coupon rate																			
102	Swap Customer 1																			
103	Swap Customer 2																			
104	Cash Basket Reference																			
872	>InstrAttribValue	Y	32	1	Fixed String	<p>Attribute value appropriate to the InstrAttribType field.</p> <p>To be set for TrdTyp (12) Exchange for Swap [optional], (1001) EFP-Fin Trade [optional] and (1002) EFP-Index Futures Trade [mandatory].</p> <p>Valid characters: \x01-\x7E</p>														
39070	>Pad7	U	7	33	Fixed String	not used														
<UnderlyingStipGrp>						Cardinality: 0-1, Record counter: NoUnderlyingStips														
889	>UnderlyingStipValue	Y	32	0	Fixed String	<p>Value of stipulation. In case of coupon frequency , fill the field with coupon frequency value.</p> <p>To be set for TrdType (12) Exchange for Swap [optional] and (1001) EFP-Fin Trade [optional].</p> <p>Valid characters: \x01-\x7E</p>														

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description				
888	>UnderlyingStipType	Y	7	32	Fixed String	Type of stipulation. e.g. to denote coupon frequency. Pay_Frequency to be set for TrdType (12) Exchange for Swap [optional] and (1001) EFP-Fin Trade [optional]. <table border="1" data-bbox="991 584 1409 669"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>PAYFREQ</td> <td>Pay_Frequency</td> </tr> </tbody> </table>	Value	Description	PAYFREQ	Pay_Frequency
Value	Description									
PAYFREQ	Pay_Frequency									
39000	>Pad1	U	1	39	Fixed String	not used				

12 CLIP Trading

12.1 CLIP Enter Request

This message is sent to the service "Order and Quote Management".



Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderIn></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplatID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10131 (Cross-Request, MsgType = DS)
25028	NetworkMsgID	U	8	6	Fixed String	not used
39020	Pad2	U	2	14	Fixed String	not used
<i><RequestHeader></i>						
34	MsgSeqNum	Y	4	16	unsigned int	Message sequence number used by the participant for requests sent to the gateway.
50	SenderSubID	Y	4	20	unsigned int	User ID.
<i><Message Body></i>						
48	SecurityID	Y	8	24	signed int	Instrument identifier.
44	Price	Y	8	32	PriceType	Limit price. Required if OrdType (40) is Limit (2) or Stop Limit (4).
38	OrderQty	Y	8	40	Qty	Total Order Quantity.
1300	MarketSegmentID	Y	4	48	signed int	Product identifier.
548	CrossID	N	4	52	signed int	User defined CLIP arrangement ID.
2672	CrossRequestID	N	4	56	signed int	User defined transaction ID.
552	NoSides	Y	1	60	Counter	
1829	NoCrossLegs	Y	1	61	Counter	

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
25130	SideDisclosure-Instruction	N	1	62	unsigned int	Instruction to show side. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No</td> </tr> <tr> <td>1</td> <td>Yes</td> </tr> </tbody> </table>	Value	Description	0	No	1	Yes
Value	Description											
0	No											
1	Yes											
25131	PriceDisclosure-Instruction	N	1	63	unsigned int	Instruction to show price. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No</td> </tr> <tr> <td>1</td> <td>Yes</td> </tr> </tbody> </table>	Value	Description	0	No	1	Yes
Value	Description											
0	No											
1	Yes											
25136	OrderQtyDisclosure-Instruction	N	1	64	unsigned int	Instruction to show total quantity. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No</td> </tr> <tr> <td>1</td> <td>Yes</td> </tr> </tbody> </table>	Value	Description	0	No	1	Yes
Value	Description											
0	No											
1	Yes											
22417	RootPartyContraFirm	N	5	65	Fixed String	The identifier of the member counterparty institution. Valid characters: A-Z,0-9,\x20						
22437	RootPartyContraTrader	N	6	70	Fixed String	The identifier of the trader counterparty. Valid characters: A-Z,0-9,\x20						
39040	Pad4	U	4	76	Fixed String	not used						
<CrossRequestSideGrp>						Cardinality: 1-2, Record counter: No-Sides						
20003	>PartyIDClientID	N	8	80	unsigned int	Client Identifier field (ESMA Field 3 (Section A))used to identify the client of an order for agent account of the member or participant of the trading venue. If the Client Identifier field is not provided for agent orders, then they will be rejected. For orders sent with Trading Capacity Proprietary or Market Making, the Client Identifier field may remain empty.						
20122	>PartyIdInvestment-DecisionMaker	N	8	88	unsigned int	Investment decision within firm (ESMA Field 4 (Section A)) is the code used to identify the person or the algorithm within the member or participant of the Trading Venue who is responsible for the investment decision.						

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description								
25123	>ExecutingTrader	N	8	96	unsigned int	Executing Trader data Field(ESMA Field 5 (Section A))used to identify the person or algorithm within the member or participant of the trading venue who is responsible for the execution of the transaction resulting from the order.								
28773	>MaximumPrice	N	8	104	PriceType	Maximum Price								
979	>InputSource	Y	1	112	unsigned int	Role on/for a message <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Client Broker</td> </tr> <tr> <td>2</td> <td>Proprietary Broker</td> </tr> </tbody> </table>	Value	Description	1	Client Broker	2	Proprietary Broker		
Value	Description													
1	Client Broker													
2	Proprietary Broker													
54	>Side	Y	1	113	unsigned int	Side of the order. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </tbody> </table>	Value	Description	1	Buy	2	Sell		
Value	Description													
1	Buy													
2	Sell													
1815	>TradingCapacity	Y	1	114	unsigned int	This field designates if the trader is acting in the capacity of agent, trading for its own account or acting as a market maker. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Customer (Agency)</td> </tr> <tr> <td>5</td> <td>Principal (Proprietary)</td> </tr> <tr> <td>6</td> <td>MarketMaker</td> </tr> </tbody> </table>	Value	Description	1	Customer (Agency)	5	Principal (Proprietary)	6	MarketMaker
Value	Description													
1	Customer (Agency)													
5	Principal (Proprietary)													
6	MarketMaker													
25124	>ExecutingTrader- Qualifier	Y	1	115	unsigned int	Qualifier for field ExecutingTrader. It is required to distinguish between natural persons and Algos. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algo</td> </tr> <tr> <td>24</td> <td>Human/Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algo	24	Human/Natural person		
Value	Description													
22	Algo													
24	Human/Natural person													
23002	>OrderAttribute- LiquidityProvision	Y	1	116	unsigned int	Indication as to whether an order is submitted to a Trading Venue as part of a market making strategy. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Liquidity provision</td> </tr> <tr> <td>0</td> <td>No liquidity provision</td> </tr> </tbody> </table>	Value	Description	1	Liquidity provision	0	No liquidity provision		
Value	Description													
1	Liquidity provision													
0	No liquidity provision													

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
21222	>PartyIdInvestment-DecisionMaker-Qualifier	N	1	117	unsigned int	<p>Qualifier for field PartyIdInvestment-DecisionMaker. Members/participants will have the possibility to specify an Investment qualifier value to distinguish between natural persons and Algos.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algo</td> </tr> <tr> <td>24</td> <td>Human/Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algo	24	Human/Natural person
Value	Description											
22	Algo											
24	Human/Natural person											
77	>PositionEffect	N	1	118	char	<p>Field is used for T7 position management purposes and indicates whether the order is submitted to open or close a position.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>C</td> <td>Close</td> </tr> <tr> <td>O</td> <td>Open</td> </tr> </tbody> </table>	Value	Description	C	Close	O	Open
Value	Description											
C	Close											
O	Open											
1031	>CustOrderHandling-Inst	N	1	119	Fixed String	<p>Identifies the source of an order, in accordance with the FIA guidelines for a rate Identifier. The field is for participant use only.</p> <p>Valid characters: \x20,\x22-\x7B,\x7D,\x7E</p>						
1	>Account	N	2	120	Fixed String	<p>Accounts to book trades and keep positions on.</p> <p>Valid characters: 1-9,\x41,\x45,\x47,\x4D,\x50,\x52</p>						
20038	>PartyIDPosition-Account	N	32	122	Fixed String	<p>'Flexible Account' information.</p> <p>Valid characters: \x20,\x30-\x39,\x41-\x5A</p>						
25007	>FreeText1	N	12	154	Fixed String	<p>First free-format text field for trader-specific or customer-related comments.</p> <p>Valid characters: \x20,\x23-\x25,\x28-\x2A,\x2C-\x3B,\x3F,\x41-\x5F,\x61-\x7B,\x7D,\x7E</p>						

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
25008	>FreeText2	N	12	166	Fixed String	Second free-format text field for trader-specific or customer-related comments. Will not be forwarded to CCP for cash markets. Valid characters: \x20,\x23-\x25,\x28-\x2A,\x2C-\x3B,\x3F,\x41-\x5F,\x61-\x7B,\x7D,\x7E						
25009	>FreeText3	N	12	178	Fixed String	Third free-format text field for trader-specific or customer-related comments. Valid characters: \x20,\x23-\x25,\x28-\x2A,\x2C-\x3B,\x3F,\x41-\x5F,\x61-\x7B,\x7D,\x7E						
20013	>PartyIDOrder-OriginationFirm	N	7	190	Fixed String	External Member ID. Valid characters: A-Z,0-9,\x20						
20032	>PartyIDBeneficiary	N	9	197	Fixed String	Final Beneficiary Valid characters: A-Z,0-9,\x20						
20096	>PartyIDTakeUp-TradingFirm	N	5	206	Fixed String	Take-up Member Short Name. Valid characters: A-Z,0-9,\x20						
28774	>SideComplianceText	N	20	211	Fixed String	Valid characters: \x20,\x22-\x7B,\x7D,\x7E						
20075	>PartyIDLocationID	N	2	231	Fixed String	Country code. Valid characters: \x01-\x7E						
39070	>Pad7	U	7	233	Fixed String	not used						
<SideCrossLegGrp>						Cardinality: 0-40, Record counter: NoCrossLegs						
25153	>LegInputSource	Y	1	0	unsigned int	Role on/for a message <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Client Broker</td> </tr> <tr> <td>2</td> <td>Proprietary Broker</td> </tr> </tbody> </table>	Value	Description	1	Client Broker	2	Proprietary Broker
Value	Description											
1	Client Broker											
2	Proprietary Broker											
564	>LegPositionEffect	Y	1	1	char	Leg-specific field used for T7 position management purposes and indicates whether the leg is submitted to open or close a position. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>C</td> <td>Close</td> </tr> <tr> <td>O</td> <td>Open</td> </tr> </tbody> </table>	Value	Description	C	Close	O	Open
Value	Description											
C	Close											
O	Open											

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
2680	>LegAccount	N	2	2	Fixed String	Leg-specific account to book trades and keep positions on. Valid characters: 1-9,\x41,\x47,\x4D,\x50
39040	>Pad4	U	4	4	Fixed String	not used

12.2 Response to a CLIP Request

CLIP Response

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description				
<i><MessageHeaderOut></i>										
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.				
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10133 (CrossRequestAck, MsgType = DT)				
39020	Pad2	U	2	6	Fixed String	not used				
<i><NRResponseHeaderME></i>										
5979	RequestTime	Y	8	8	UTCTimestamp	Gateway request in timestamp.				
21002	TrdRegTSTimeIn	Y	8	16	UTCTimestamp	Matching engine in timestamp.				
21003	TrdRegTSTimeOut	Y	8	24	UTCTimestamp	Matching engine out timestamp.				
7765	ResponseIn	Y	8	32	UTCTimestamp	Timestamp the gateway receives a message from the Matching Engine				
52	SendingTime	Y	8	40	UTCTimestamp	Gateway response out timestamp.				
34	MsgSeqNum	Y	4	48	unsigned int	Message sequence number used by the participant for requests sent to the gateway.				
893	LastFragment	Y	1	52	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1" data-bbox="991 1357 1409 1444"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	1	Last Message
Value	Description									
1	Last Message									
39030	Pad3	U	3	53	Fixed String	not used				
<i><Message Body></i>										
17	ExecID	Y	8	56	UTCTimestamp	Transaction timestamp.				
48	SecurityID	Y	8	64	signed int	Instrument identifier.				
1300	MarketSegmentID	Y	4	72	signed int	Product identifier.				
552	NoSides	Y	1	76	Counter					
39030	Pad3	U	3	77	Fixed String	not used				
2672	CrossRequestID	N	4	80	signed int	User defined transaction ID.				
39040	Pad4	U	4	84	Fixed String	not used				
<i><CrossRequestAckSideGrp></i>						Cardinality: 1-2, Record counter: No-Sides				
37	>OrderID	Y	8	88	unsigned int	Exchange Order ID generated by the T7 System; it remains constant over the lifetime of an order.				

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
979	>InputSource	Y	1	96	unsigned int	Role on/for a message <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Client Broker</td> </tr> <tr> <td>2</td> <td>Proprietary Broker</td> </tr> </tbody> </table>	Value	Description	1	Client Broker	2	Proprietary Broker
Value	Description											
1	Client Broker											
2	Proprietary Broker											
54	>Side	Y	1	97	unsigned int	Side of the order. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </tbody> </table>	Value	Description	1	Buy	2	Sell
Value	Description											
1	Buy											
2	Sell											
39060	>Pad6	U	6	98	Fixed String	not used						

12.3 CLIP Execution Notification

CLIP Execution Notification

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description				
<i><MessageHeaderOut></i>										
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.				
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10135 (Execution-Report, MsgType = 8)				
39020	Pad2	U	2	6	Fixed String	not used				
<i><RBCHeaderME></i>										
21003	TrdRegTSTimeOut	N	8	8	UTCTimestamp	Matching engine out timestamp.				
25043	NotificationIn	N	8	16	UTCTimestamp	Timestamp the gateway receives a notification message from the Matching Engine				
52	SendingTime	Y	8	24	UTCTimestamp	Gateway response out timestamp.				
28727	AppSubID	U	4	32	unsigned int	not used				
5948	PartitionID	Y	2	36	unsigned int	Grouping of T7 products. Belongs to the scope of Service Availability and Retransmit requests.				
28704	AppMsgID	Y	16	38	data	Application message identifier assigned to an order or quote event.				
1180	AppIID	Y	1	54	unsigned int	Identifier for an ETI data stream. <table border="1" data-bbox="991 1312 1409 1397"> <tr> <th>Value</th> <th>Description</th> </tr> <tr> <td>4</td> <td>Session Data</td> </tr> </table>	Value	Description	4	Session Data
Value	Description									
4	Session Data									
1352	AppResendFlag	Y	1	55	unsigned int	Indicates a retransmission message. <table border="1" data-bbox="991 1480 1409 1565"> <tr> <th>Value</th> <th>Description</th> </tr> <tr> <td>0</td> <td>False</td> </tr> </table>	Value	Description	0	False
Value	Description									
0	False									
893	LastFragment	Y	1	56	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1" data-bbox="991 1760 1409 1845"> <tr> <th>Value</th> <th>Description</th> </tr> <tr> <td>1</td> <td>Last Message</td> </tr> </table>	Value	Description	1	Last Message
Value	Description									
1	Last Message									
39070	Pad7	U	7	57	Fixed String	not used				
<i><Message Body></i>										
37	OrderID	Y	8	64	unsigned int	Exchange Order ID generated by the T7 System; it remains constant over the lifetime of an order.				

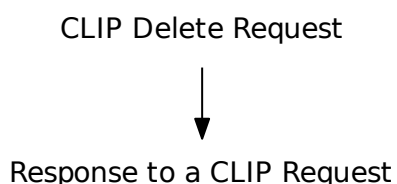
Tag	Field Name	Req'd	Len	Ofs	Data Type	Description																				
17	ExecID	Y	8	72	UTCTimestamp	Transaction timestamp.																				
48	SecurityID	Y	8	80	signed int	Instrument identifier.																				
84	CxlQty	Y	8	88	Qty	Total quantity cancelled for this order.																				
151	LeavesQty	Y	8	96	Qty	Remaining quantity of an order.																				
14	CumQty	Y	8	104	Qty	Cumulated executed quantity of an order.																				
1300	MarketSegmentID	Y	4	112	signed int	Product identifier.																				
378	ExecRestatement-Reason	Y	2	116	unsigned int	Code to further qualify the field ExecType (150) of the Execution Report (8) message. <table border="1" data-bbox="991 815 1410 943"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>340</td> <td>CLIP execution after improvement period</td> </tr> </tbody> </table>	Value	Description	340	CLIP execution after improvement period																
Value	Description																									
340	CLIP execution after improvement period																									
30555	NoLegExecs	Y	2	118	Counter	Number of InstrmntLegExec repeating group instances.																				
1227	ProductComplex	Y	1	120	unsigned int	This field qualifies an instrument type on T7. <table border="1" data-bbox="991 1137 1410 1599"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Simple instrument</td> </tr> <tr> <td>2</td> <td>Standard Option Strategy</td> </tr> <tr> <td>3</td> <td>Non-Standard Option Strategy</td> </tr> <tr> <td>4</td> <td>Volatility Strategy</td> </tr> <tr> <td>5</td> <td>Futures Spread</td> </tr> <tr> <td>6</td> <td>Inter-Product Spread</td> </tr> <tr> <td>7</td> <td>Standard Future Strategy</td> </tr> <tr> <td>8</td> <td>Pack and Bundle</td> </tr> <tr> <td>9</td> <td>Strip</td> </tr> </tbody> </table>	Value	Description	1	Simple instrument	2	Standard Option Strategy	3	Non-Standard Option Strategy	4	Volatility Strategy	5	Futures Spread	6	Inter-Product Spread	7	Standard Future Strategy	8	Pack and Bundle	9	Strip
Value	Description																									
1	Simple instrument																									
2	Standard Option Strategy																									
3	Non-Standard Option Strategy																									
4	Volatility Strategy																									
5	Futures Spread																									
6	Inter-Product Spread																									
7	Standard Future Strategy																									
8	Pack and Bundle																									
9	Strip																									
54	Side	Y	1	121	unsigned int	Side of the order. <table border="1" data-bbox="991 1675 1410 1803"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </tbody> </table>	Value	Description	1	Buy	2	Sell														
Value	Description																									
1	Buy																									
2	Sell																									

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description								
39	OrdStatus	Y	1	122	char	Conveys the current status of an order. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>Cancelled</td> </tr> <tr> <td>1</td> <td>Partially filled</td> </tr> <tr> <td>2</td> <td>Filled</td> </tr> </tbody> </table>	Value	Description	4	Cancelled	1	Partially filled	2	Filled
Value	Description													
4	Cancelled													
1	Partially filled													
2	Filled													
150	ExecType	Y	1	123	char	The reason why this message was generated. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>Cancelled</td> </tr> <tr> <td>F</td> <td>Trade</td> </tr> </tbody> </table>	Value	Description	4	Cancelled	F	Trade		
Value	Description													
4	Cancelled													
F	Trade													
574	MatchType	Y	1	124	unsigned int	The point in the matching process at which this trade was matched. The value 3(=Confirmed Trade Report) represents Trades entered by Market Supervision. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>13</td> <td>Liquidity Improvement Cross</td> </tr> </tbody> </table>	Value	Description	13	Liquidity Improvement Cross				
Value	Description													
13	Liquidity Improvement Cross													
1362	NoFills	Y	1	125	Counter	Specifies the number of partial fills included in this Execution Report.								
39020	Pad2	U	2	126	Fixed String	not used								
<FillsGrp>						Cardinality: 0-100, Record counter: NoFills								
1364	>FillPx	Y	8	128	PriceType	Price of Fill.								
1365	>FillQty	Y	8	136	Qty	Quantity of Fill.								
28708	>FillMatchID	Y	4	144	unsigned int	Unique identifier for each price level (match step) of a match event; it is used for public trade reporting.								
1363	>FillExecID	Y	4	148	signed int	Private identifier of an order match step event, which can be reconciled with the field SideTradeID (1506) in the Trade Notification.								
1443	>FillLiquidityInd	N	1	152	unsigned int	Indicates whether the order added or removed liquidity. Required only for execution reports generated for fills. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Removed Liquidity</td> </tr> <tr> <td>1</td> <td>Added Liquidity</td> </tr> </tbody> </table>	Value	Description	2	Removed Liquidity	1	Added Liquidity		
Value	Description													
2	Removed Liquidity													
1	Added Liquidity													

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
39070	>Pad7	U	7	153	Fixed String	not used						
<InstrmntLegExecGrp>						Cardinality: 0-600, Record counter: NoLegExecs						
602	>LegSecurityID	Y	8	0	signed int	Instrument identifier of the leg security.						
637	>LegLastPx	Y	8	8	PriceType	Price of this leg fill.						
1418	>LegLastQty	Y	8	16	Qty	Quantity executed in this leg fill.						
1893	>LegExecID	Y	4	24	signed int	Private identifier of a leg match step, which can be reconciled with the field SideTradeID (1506) in the Trade Notification.						
624	>LegSide	Y	1	28	unsigned int	The side of the individual leg of a strategy as defined in its signature. <table border="1" data-bbox="991 909 1409 1039"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </tbody> </table>	Value	Description	1	Buy	2	Sell
Value	Description											
1	Buy											
2	Sell											
2421	>FillRefID	Y	1	29	unsigned int	Reference to the corresponding Fills-Grp repeating group instance.						
39020	>Pad2	U	2	30	Fixed String	not used						

12.4 CLIP Delete Request

This message is sent to the service "Order and Quote Management".



Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderIn></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10132 (Cross-Request, MsgType = DS)
25028	NetworkMsgID	U	8	6	Fixed String	not used
39020	Pad2	U	2	14	Fixed String	not used
<i><RequestHeader></i>						
34	MsgSeqNum	Y	4	16	unsigned int	Message sequence number used by the participant for requests sent to the gateway.
50	SenderSubID	Y	4	20	unsigned int	User ID.
<i><Message Body></i>						
37	OrderID	Y	8	24	unsigned int	Exchange Order ID generated by the T7 System; it remains constant over the lifetime of an order.
48	SecurityID	Y	8	32	signed int	Instrument identifier.
20122	PartyIDInvestment-DecisionMaker	N	8	40	unsigned int	Investment decision within firm (ES-MA Field 4 (Section A)) is the code used to identify the person or the algorithm within the member or participant of the Trading Venue who is responsible for the investment decision.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
25123	ExecutingTrader	N	8	48	unsigned int	Executing Trader data Field(ESMA Field 5 (Section A))used to identify the person or algorithm within the member or participant of the trading venue who is responsible for the execution of the transaction resulting from the order.						
1300	MarketSegmentID	Y	4	56	signed int	Product identifier.						
25124	ExecutingTrader- Qualifier	Y	1	60	unsigned int	Qualifier for field ExecutingTrader. It is required to distinguish between natural persons and Algos. <table border="1" data-bbox="991 842 1409 972"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algo</td> </tr> <tr> <td>24</td> <td>Human/Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algo	24	Human/Natural person
Value	Description											
22	Algo											
24	Human/Natural person											
21222	PartyIdInvestment- DecisionMaker- Qualifier	N	1	61	unsigned int	Qualifier for field PartyIdInvestment-DecisionMaker. Members/participants will have the possibility to specify an Investment qualifier value to distinguish between natural persons and Algos. <table border="1" data-bbox="991 1290 1409 1420"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algo</td> </tr> <tr> <td>24</td> <td>Human/Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algo	24	Human/Natural person
Value	Description											
22	Algo											
24	Human/Natural person											
39020	Pad2	U	2	62	Fixed String	not used						
2672	CrossRequestID	N	4	64	signed int	User defined transaction ID.						
39040	Pad4	U	4	68	Fixed String	not used						

12.5 CLIP Deletion Notification

CLIP Deletion Notification

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description				
<i><MessageHeaderOut></i>										
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.				
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10134 (Execution-Report, MsgType = 8)				
39020	Pad2	U	2	6	Fixed String	not used				
<i><RBCHeaderME></i>										
21003	TrdRegTSTimeOut	N	8	8	UTCTimestamp	Matching engine out timestamp.				
25043	NotificationIn	N	8	16	UTCTimestamp	Timestamp the gateway receives a notification message from the Matching Engine				
52	SendingTime	Y	8	24	UTCTimestamp	Gateway response out timestamp.				
28727	AppSubID	U	4	32	unsigned int	not used				
5948	PartitionID	Y	2	36	unsigned int	Grouping of T7 products. Belongs to the scope of Service Availability and Retransmit requests.				
28704	AppMsgID	U	16	38	data	not used				
1180	AppIID	Y	1	54	unsigned int	Identifier for an ETI data stream. <table border="1" data-bbox="991 1272 1409 1361"> <tr> <th>Value</th> <th>Description</th> </tr> <tr> <td>4</td> <td>Session Data</td> </tr> </table>	Value	Description	4	Session Data
Value	Description									
4	Session Data									
1352	AppResendFlag	U	1	55	unsigned int	not used				
893	LastFragment	Y	1	56	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1" data-bbox="991 1599 1409 1688"> <tr> <th>Value</th> <th>Description</th> </tr> <tr> <td>1</td> <td>Last Message</td> </tr> </table>	Value	Description	1	Last Message
Value	Description									
1	Last Message									
39070	Pad7	U	7	57	Fixed String	not used				
<i><Message Body></i>										
37	OrderID	Y	8	64	unsigned int	Exchange Order ID generated by the T7 System; it remains constant over the lifetime of an order.				
17	ExecID	Y	8	72	UTCTimestamp	Transaction timestamp.				
48	SecurityID	Y	8	80	signed int	Instrument identifier.				
84	CxlQty	Y	8	88	Qty	Total quantity cancelled for this order.				
1300	MarketSegmentID	Y	4	96	signed int	Product identifier.				

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description																				
378	ExecRestatement-Reason	Y	2	100	unsigned int	Code to further qualify the field ExecType (150) of the Execution Report (8) message. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>343</td> <td>CLIP Request deleted by arrangement time out</td> </tr> <tr> <td>344</td> <td>CLIP Request deleted by arrangement validation</td> </tr> <tr> <td>340</td> <td>CLIP execution after improvement period</td> </tr> <tr> <td>122</td> <td>Instrument State Change</td> </tr> </tbody> </table>	Value	Description	343	CLIP Request deleted by arrangement time out	344	CLIP Request deleted by arrangement validation	340	CLIP execution after improvement period	122	Instrument State Change										
Value	Description																									
343	CLIP Request deleted by arrangement time out																									
344	CLIP Request deleted by arrangement validation																									
340	CLIP execution after improvement period																									
122	Instrument State Change																									
1227	ProductComplex	Y	1	102	unsigned int	This field qualifies an instrument type on T7. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Simple instrument</td> </tr> <tr> <td>2</td> <td>Standard Option Strategy</td> </tr> <tr> <td>3</td> <td>Non-Standard Option Strategy</td> </tr> <tr> <td>4</td> <td>Volatility Strategy</td> </tr> <tr> <td>5</td> <td>Futures Spread</td> </tr> <tr> <td>6</td> <td>Inter-Product Spread</td> </tr> <tr> <td>7</td> <td>Standard Future Strategy</td> </tr> <tr> <td>8</td> <td>Pack and Bundle</td> </tr> <tr> <td>9</td> <td>Strip</td> </tr> </tbody> </table>	Value	Description	1	Simple instrument	2	Standard Option Strategy	3	Non-Standard Option Strategy	4	Volatility Strategy	5	Futures Spread	6	Inter-Product Spread	7	Standard Future Strategy	8	Pack and Bundle	9	Strip
Value	Description																									
1	Simple instrument																									
2	Standard Option Strategy																									
3	Non-Standard Option Strategy																									
4	Volatility Strategy																									
5	Futures Spread																									
6	Inter-Product Spread																									
7	Standard Future Strategy																									
8	Pack and Bundle																									
9	Strip																									
54	Side	Y	1	103	unsigned int	Side of the order. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </tbody> </table>	Value	Description	1	Buy	2	Sell														
Value	Description																									
1	Buy																									
2	Sell																									
39	OrdStatus	Y	1	104	char	Conveys the current status of an order. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>Cancelled</td> </tr> </tbody> </table>	Value	Description	4	Cancelled																
Value	Description																									
4	Cancelled																									
150	ExecType	Y	1	105	char	The reason why this message was generated. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>Cancelled</td> </tr> <tr> <td>F</td> <td>Trade</td> </tr> </tbody> </table>	Value	Description	4	Cancelled	F	Trade														
Value	Description																									
4	Cancelled																									
F	Trade																									

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
39060	Pad6	U	6	106	Fixed String	not used

13 Other

13.1 Party Action Report

A Member supervisor or T7 market supervision has stopped or released a trader or a business unit for one or all markets.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
<i><MessageHeaderOut></i>												
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.						
28500	TemplatID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10042 (Party-ActionReport, MsgType = DI)						
39020	Pad2	U	2	6	Fixed String	not used						
<i><RBCHeader></i>												
52	SendingTime	Y	8	8	UTCTimestamp	Gateway response out timestamp.						
1181	ApplSeqNum	Y	8	16	unsigned int	Application sequence number assigned to a non-order related T7 ETI data stream.						
28727	ApplSubID	U	4	24	unsigned int	not used						
5948	PartitionID	Y	2	28	unsigned int	Grouping of T7 products. Belongs to the scope of Service Availability and Retransmit requests.						
1352	ApplResendFlag	Y	1	30	unsigned int	Indicates a retransmission message. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>False</td> </tr> <tr> <td>1</td> <td>True</td> </tr> </tbody> </table>	Value	Description	0	False	1	True
Value	Description											
0	False											
1	True											
1180	ApplID	Y	1	31	unsigned int	Identifier for an ETI data stream. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>6</td> <td>Risk Control</td> </tr> </tbody> </table>	Value	Description	6	Risk Control		
Value	Description											
6	Risk Control											
893	LastFragment	Y	1	32	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	1	Last Message		
Value	Description											
1	Last Message											
39070	Pad7	U	7	33	Fixed String	not used						
<i><Message Body></i>												
60	TransactTime	Y	8	40	UTCTimestamp	Transaction timestamp.						
75	TradeDate	N	4	48	LocalMktDate	Business date.						

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description										
20812	RequestingParty- IDExecutingTrader	N	4	52	unsigned int	Owning User ID										
20059	PartyIDExecutingUnit	Y	4	56	unsigned int	Business Unit ID.										
20012	PartyIDExecuting- Trader	N	4	60	unsigned int	Owning User ID.										
20816	RequestingParty- IDExecutingSystem	Y	4	64	unsigned int	System ID. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>T7 trading system</td> </tr> </tbody> </table>	Value	Description	2	T7 trading system						
Value	Description															
2	T7 trading system															
1301	MarketID	N	2	68	unsigned int	Market ID. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>XEUR</td> </tr> <tr> <td>2</td> <td>XEEE</td> </tr> <tr> <td>12</td> <td>NODX</td> </tr> <tr> <td>*</td> <td>More values</td> </tr> </tbody> </table>	Value	Description	1	XEUR	2	XEEE	12	NODX	*	More values
Value	Description															
1	XEUR															
2	XEEE															
12	NODX															
*	More values															
2329	PartyActionType	Y	1	70	unsigned int	Type of party action report. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Halt trading</td> </tr> <tr> <td>2</td> <td>Reinstate</td> </tr> </tbody> </table>	Value	Description	1	Halt trading	2	Reinstate				
Value	Description															
1	Halt trading															
2	Reinstate															
20807	RequestingParty- IDEnteringFirm	Y	1	71	unsigned int	ID of the entering firm. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Participant</td> </tr> <tr> <td>2</td> <td>Market Supervision</td> </tr> </tbody> </table>	Value	Description	1	Participant	2	Market Supervision				
Value	Description															
1	Participant															
2	Market Supervision															

13.2 Inquire Pre-Trade Risk Limits Request

This message is sent to the service "Order and Quote Management".

Inquire Pre-Trade Risk Limits Request



Pre-Trade Risk Limit Response
 (Session Data)

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
<i><MessageHeaderIn></i>												
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.						
28500	TemplatID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10311 (PartyRiskLimitsRequest, MsgType = CL)						
25028	NetworkMsgID	U	8	6	Fixed String	not used						
39020	Pad2	U	2	14	Fixed String	not used						
<i><RequestHeader></i>												
34	MsgSeqNum	Y	4	16	unsigned int	Message sequence number used by the participant for requests sent to the gateway.						
50	SenderSubID	Y	4	20	unsigned int	User ID.						
<i><Message Body></i>												
1300	MarketSegmentID	Y	4	24	signed int	Product identifier.						
1533	RiskLimitPlatform	Y	1	28	unsigned int	Scope for Pre-Trade risk limits <table border="1" data-bbox="991 1543 1410 1671"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>On-Book</td> </tr> <tr> <td>1</td> <td>Off-Book(TES)</td> </tr> </tbody> </table>	Value	Description	0	On-Book	1	Off-Book(TES)
Value	Description											
0	On-Book											
1	Off-Book(TES)											
22059	PartyExecutingUnit	N	5	29	Fixed String	Executing BusinessUnit name Valid characters: \x01-\x7E						
28775	RiskLimitGroup	N	3	34	Fixed String	User Pre-Trade risk group Valid characters: A-Z,0-9,\x20						
39030	Pad3	U	3	37	Fixed String	not used						

13.3 Pre-Trade Risk Limit Response

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
<i><MessageHeaderOut></i>												
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.						
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10313 (PartyRiskLimitsReport, MsgType = CM)						
39020	Pad2	U	2	6	Fixed String	not used						
<i><NRResponseHeaderME></i>												
5979	RequestTime	Y	8	8	UTCTimestamp	Gateway request in timestamp.						
21002	TrdRegTSTimeIn	Y	8	16	UTCTimestamp	Matching engine in timestamp.						
21003	TrdRegTSTimeOut	Y	8	24	UTCTimestamp	Matching engine out timestamp.						
7765	ResponseIn	Y	8	32	UTCTimestamp	Timestamp the gateway receives a message from the Matching Engine						
52	SendingTime	Y	8	40	UTCTimestamp	Gateway response out timestamp.						
34	MsgSeqNum	Y	4	48	unsigned int	Message sequence number used by the participant for requests sent to the gateway.						
893	LastFragment	Y	1	52	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1" data-bbox="991 1323 1409 1406"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	1	Last Message		
Value	Description											
1	Last Message											
39030	Pad3	U	3	53	Fixed String	not used						
<i><Message Body></i>												
1667	RiskLimitReportID	Y	8	56	unsigned int	ID of a PartyRiskLimitReport						
1300	MarketSegmentID	Y	4	64	signed int	Product identifier.						
1669	NoRiskLimits	Y	1	68	Counter							
1672	PartyDetailStatus	Y	1	69	unsigned int	Member status. <table border="1" data-bbox="991 1693 1409 1821"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Active</td> </tr> <tr> <td>1</td> <td>Suspend</td> </tr> </tbody> </table>	Value	Description	0	Active	1	Suspend
Value	Description											
0	Active											
1	Suspend											
1533	RiskLimitPlatform	Y	1	70	unsigned int	Scope for Pre-Trade risk limits <table border="1" data-bbox="991 1901 1409 2029"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>On-Book</td> </tr> <tr> <td>1</td> <td>Off-Book(TES)</td> </tr> </tbody> </table>	Value	Description	0	On-Book	1	Off-Book(TES)
Value	Description											
0	On-Book											
1	Off-Book(TES)											

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description								
22259	PartyDetailExecuting-Unit	Y	5	71	Fixed String	Detail BusinessUnit name Valid characters: A-Z,0-9,\x20								
39040	Pad4	U	4	76	Fixed String	not used								
<RiskLimitsRptGrp>						Cardinality: 0-64, Record counter: NoRiskLimits								
28777	>RiskLimitQty	N	8	80	Qty	Risk limit quantity								
28779	>RiskLimitOpenQty	N	8	88	Qty	Open quantity for orders or TES trades								
28780	>RiskLimitNet-PositionQty	N	8	96	Qty	Net position quantity for a requested pre-trade risk limit scope								
1530	>RiskLimitType	Y	1	104	unsigned int	Type of risk limits <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>Long limit</td> </tr> <tr> <td>5</td> <td>Short limit</td> </tr> </tbody> </table>	Value	Description	4	Long limit	5	Short limit		
Value	Description													
4	Long limit													
5	Short limit													
28776	>RiskLimit-RequestingPartyRole	Y	1	105	unsigned int	Requesting party role for a pre-trade risk limit <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>requested by Clearing firm</td> </tr> <tr> <td>22</td> <td>requested by Exchange</td> </tr> <tr> <td>59</td> <td>requested by Executing firm</td> </tr> </tbody> </table>	Value	Description	4	requested by Clearing firm	22	requested by Exchange	59	requested by Executing firm
Value	Description													
4	requested by Clearing firm													
22	requested by Exchange													
59	requested by Executing firm													
28778	>RiskLimitViolation-Indicator	N	1	106	unsigned int	Indicator for a pre-trade risk limit violation <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No</td> </tr> <tr> <td>1</td> <td>Yes</td> </tr> </tbody> </table>	Value	Description	0	No	1	Yes		
Value	Description													
0	No													
1	Yes													
28775	>RiskLimitGroup	N	3	107	Fixed String	User Pre-Trade risk group Valid characters: A-Z,0-9,\x20								
39020	>Pad2	U	2	110	Fixed String	not used								

13.4 Pre-Trade Risk Limits Definition Request

This message is sent to the service "Order and Quote Management".

Pre-Trade Risk Limits Definition Request



Pre-Trade Risk Limit Response
 (Session Data)

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
<i><MessageHeaderIn></i>												
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.						
28500	TemplatID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10312 (PartyRiskLimitsRequest, MsgType = CL)						
25028	NetworkMsgID	U	8	6	Fixed String	not used						
39020	Pad2	U	2	14	Fixed String	not used						
<i><RequestHeader></i>												
34	MsgSeqNum	Y	4	16	unsigned int	Message sequence number used by the participant for requests sent to the gateway.						
50	SenderSubID	Y	4	20	unsigned int	User ID.						
<i><Message Body></i>												
1300	MarketSegmentID	Y	4	24	signed int	Product identifier.						
1533	RiskLimitPlatform	Y	1	28	unsigned int	Scope for Pre-Trade risk limits <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>On-Book</td> </tr> <tr> <td>1</td> <td>Off-Book(TES)</td> </tr> </tbody> </table>	Value	Description	0	On-Book	1	Off-Book(TES)
Value	Description											
0	On-Book											
1	Off-Book(TES)											
31669	NoRiskLimitsQty	Y	1	29	Counter							
1672	PartyDetailStatus	N	1	30	unsigned int	Member status. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Active</td> </tr> <tr> <td>1</td> <td>Suspend</td> </tr> </tbody> </table>	Value	Description	0	Active	1	Suspend
Value	Description											
0	Active											
1	Suspend											
28775	RiskLimitGroup	N	3	31	Fixed String	User Pre-Trade risk group Valid characters: A-Z,0-9,\x20						

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
22259	PartyDetailExecuting-Unit	N	5	34	Fixed String	Detail BusinessUnit name Valid characters: A-Z,0-9,\x20						
39000	Pad1	U	1	39	Fixed String	not used						
<RiskLimitQtyGrp>						Cardinality: 0-2, Record counter: NoRiskLimitsQty						
28777	>RiskLimitQty	N	8	40	Qty	Risk limit quantity						
1530	>RiskLimitType	Y	1	48	unsigned int	Type of risk limits <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>Long limit</td> </tr> <tr> <td>5</td> <td>Short limit</td> </tr> </tbody> </table>	Value	Description	4	Long limit	5	Short limit
Value	Description											
4	Long limit											
5	Short limit											
39070	>Pad7	U	7	49	Fixed String	not used						

13.5 Trade Notification

The Trade Notification message is the legally binding confirmation for a trade. For more details, please refer to the ETI Manual, chapter Trade Notifications.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
<i><MessageHeaderOut></i>												
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.						
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10500 (Trade-CaptureReport, MsgType = AE)						
39020	Pad2	U	2	6	Fixed String	not used						
<i><RBCHeader></i>												
52	SendingTime	Y	8	8	UTCTimestamp	Gateway response out timestamp.						
1181	ApplSeqNum	Y	8	16	unsigned int	Application sequence number assigned to a non-order related T7 ETI data stream.						
28727	ApplSubID	N	4	24	unsigned int	Unique ID assigned by the T7 system during broadcast subscription in order to link broadcasts to the related subscription.						
5948	PartitionID	Y	2	28	unsigned int	Grouping of T7 products. Belongs to the scope of Service Availability and Retransmit requests.						
1352	ApplResendFlag	Y	1	30	unsigned int	Indicates a retransmission message. <table border="1" data-bbox="991 1355 1409 1485"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>False</td> </tr> <tr> <td>1</td> <td>True</td> </tr> </tbody> </table>	Value	Description	0	False	1	True
Value	Description											
0	False											
1	True											
1180	ApplID	Y	1	31	unsigned int	Identifier for an ETI data stream. <table border="1" data-bbox="991 1561 1409 1646"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Trade</td> </tr> </tbody> </table>	Value	Description	1	Trade		
Value	Description											
1	Trade											
893	LastFragment	Y	1	32	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1" data-bbox="991 1843 1409 1928"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	1	Last Message		
Value	Description											
1	Last Message											
39070	Pad7	U	7	33	Fixed String	not used						
<i><Message Body></i>												
48	SecurityID	Y	8	40	signed int	Instrument identifier.						

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
1650	RelatedSecurityID	N	8	48	signed int	Instrument identifier of the original T7 strategy.
44	Price	N	8	56	PriceType	Limit price. Required if OrdType (40) is Limit (2) or Stop Limit (4).
31	LastPx	Y	8	64	PriceType	Price of this fill.
32	LastQty	Y	8	72	Qty	Quantity executed in this fill.
28585	SideLastPx	N	8	80	PriceType	Fill price for the original T7 strategy.
1009	SideLastQty	N	8	88	Qty	Fill quantity for the original T7 strategy.
1596	ClearingTradePrice	N	8	96	PriceType	Price in clearing notation which can be preliminary or final depending on TradeReportType (856).
28736	ClearingTradeQty	N	8	104	Qty	Quantity in clearing notation.
60	TransactTime	Y	8	112	UTCTimestamp	Transaction timestamp.
37	OrderID	N	8	120	unsigned int	Exchange Order ID generated by the T7 system.
11	ClOrdID	N	8	128	unsigned int	Client Order ID: Unique participant defined order request identifier. For quotes the QuoteMsgID (1166) is provided in the trade notification.
151	LeavesQty	N	8	136	Qty	Remaining quantity of the order at the time of the execution. If the order has been executed partially this field contains the non-executed quantity. A remaining size of 0 indicates that the order is fully matched or no longer active.
14	CumQty	N	8	144	Qty	Cumulated executed quantity of an order.
20403	RootPartyIDClientID	N	8	152	unsigned int	Client Identifier field (ESMA Field 3 (Section A)) used to identify the client of an order for agent account of the member or participant of the trading venue.
25123	ExecutingTrader	N	8	160	unsigned int	Executing Trader data Field (ESMA Field 5 (Section A)) used to identify the person or algorithm within the member or participant of the trading venue who is responsible for the execution of the transaction resulting from the order.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
20522	RootParty- IDInvestmentDecision- Maker	N	8	168	unsigned int	Investment decision within firm (ES-MA Field 4 (Section A)) is the code used to identify the person or the algorithm within the member or participant of the Trading Venue who is responsible for the investment decision.						
1003	TradeID	Y	4	176	unsigned int	Uniquely identifies all order leg allocations referring to the same match event, simple instrument and price.						
1126	OrigTradeID	N	4	180	unsigned int	In case of a trade reversal/modification this field provides the original trade identifier.						
20459	RootParty- IDExecutingUnit	Y	4	184	unsigned int	Business Unit ID.						
20455	RootPartyIDSessionID	N	4	188	unsigned int	Session ID.						
20412	RootParty- IDExecutingTrader	Y	4	192	unsigned int	Owning User ID.						
25026	RootPartyIDClearing- Unit	Y	4	196	unsigned int	Clearing Business Unit ID.						
1300	MarketSegmentID	Y	4	200	signed int	Product identifier.						
1649	RelatedSymbol	N	4	204	signed int	Product identifier of the original T7 strategy.						
1506	SideTradeID	Y	4	208	unsigned int	Private trade identifier of an order or quote match step.						
28582	MatchDate	Y	4	212	LocalMktDate	Business day of the match event.						
880	TrdMatchID	Y	4	216	unsigned int	Unique identifier for each price level (match step) of a match event; it is used for public trade reporting.						
1851	StrategyLinkID	N	4	220	unsigned int	Identifier that links all trades resulting from a match step of a strategy order.						
748	TotNumTradeReports	N	4	224	signed int	Number of leg executions of the original strategy order.						
442	MultiLegReporting- Type	N	1	228	unsigned int	Indicates if the trade resulted from a single order or a multi leg instrument. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Single instrument</td> </tr> <tr> <td>2</td> <td>Complex instrument</td> </tr> </tbody> </table>	Value	Description	1	Single instrument	2	Complex instrument
Value	Description											
1	Single instrument											
2	Complex instrument											

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description										
856	TradeReportType	Y	1	229	unsigned int	<p>Identifies the type of trade notification.</p> <p>The values 1 (= Alleged) and 5 (= No/Was) can occur only in the context of Total Return/Variance/-TARP/MoC Futures, where 'Alleged' represents the preliminary Trade Report during the business day and 'No/Was' is the final Trade Report at the end of the business day.</p> <p>The values 2 (=Accept), 6 (=Trade Report Cancel), 11 (=Alleged New), and 13 (=Alleged No/Was) can occur only in the context of TES.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Trade</td> </tr> <tr> <td>1</td> <td>Alleged</td> </tr> <tr> <td>5</td> <td>No/Was (Replaced)</td> </tr> <tr> <td>7</td> <td>(Locked-In) Trade Break</td> </tr> </tbody> </table>	Value	Description	0	Trade	1	Alleged	5	No/Was (Replaced)	7	(Locked-In) Trade Break
Value	Description															
0	Trade															
1	Alleged															
5	No/Was (Replaced)															
7	(Locked-In) Trade Break															
830	TransferReason	Y	1	230	unsigned int	<p>Identifies the role for which the trade notification is received.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Owner</td> </tr> <tr> <td>2</td> <td>Clearer</td> </tr> </tbody> </table>	Value	Description	1	Owner	2	Clearer				
Value	Description															
1	Owner															
2	Clearer															
20432	RootParty-IDBeneficiary	N	9	231	Fixed String	<p>Final Beneficiary.</p> <p>Valid characters: \x20,\x22-\x7B,\x7D,\x7E</p>										
20496	RootPartyIDTakeUp-TradingFirm	N	5	240	Fixed String	<p>Take-up Member Short Name.</p> <p>Valid characters: A-Z,0-9,\x20</p>										
20413	RootPartyIDOrder-OriginationFirm	N	7	245	Fixed String	<p>External Member ID.</p> <p>Valid characters: A-Z,0-9,\x20</p>										

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description														
574	MatchType	N	1	252	unsigned int	<p>The point in the matching process at which this trade was matched. The value 3(=Confirmed Trade Report) represents Trades entered by Market Supervision.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>Confirmed Trade Report (reporting from recognized markets)</td> </tr> <tr> <td>4</td> <td>Auto-match incoming order</td> </tr> <tr> <td>5</td> <td>Cross Auction</td> </tr> <tr> <td>7</td> <td>Call Auction</td> </tr> <tr> <td>11</td> <td>Auto match resting order</td> </tr> <tr> <td>13</td> <td>Liquidity Improvement Cross</td> </tr> </tbody> </table>	Value	Description	3	Confirmed Trade Report (reporting from recognized markets)	4	Auto-match incoming order	5	Cross Auction	7	Call Auction	11	Auto match resting order	13	Liquidity Improvement Cross
Value	Description																			
3	Confirmed Trade Report (reporting from recognized markets)																			
4	Auto-match incoming order																			
5	Cross Auction																			
7	Call Auction																			
11	Auto match resting order																			
13	Liquidity Improvement Cross																			
28610	MatchSubType	N	1	253	unsigned int	<p>Indicates the auction type the trade originates from. Not filled for uncrossing, i.e. when a complex instrument switches to the instrument state "Continuous".</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Opening auction</td> </tr> <tr> <td>2</td> <td>Closing auction</td> </tr> <tr> <td>3</td> <td>Intraday auction</td> </tr> <tr> <td>4</td> <td>Circuit Breaker auction</td> </tr> <tr> <td>6</td> <td>CLIP matching outside BBO</td> </tr> </tbody> </table>	Value	Description	1	Opening auction	2	Closing auction	3	Intraday auction	4	Circuit Breaker auction	6	CLIP matching outside BBO		
Value	Description																			
1	Opening auction																			
2	Closing auction																			
3	Intraday auction																			
4	Circuit Breaker auction																			
6	CLIP matching outside BBO																			
54	Side	Y	1	254	unsigned int	<p>Side of the trade. Leg executions of sell orders for complex instruments will have an inverted value compared to the signature.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </tbody> </table>	Value	Description	1	Buy	2	Sell								
Value	Description																			
1	Buy																			
2	Sell																			

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description								
1444	SideLiquidityInd	N	1	255	unsigned int	<p>Order initiator is passive or aggressive or other</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Added liquidity (passive)</td> </tr> <tr> <td>2</td> <td>Removed liquidity (aggressive, includes triggered orders)</td> </tr> <tr> <td>4</td> <td>Auction (includes VDO matching at midpoint)</td> </tr> </tbody> </table>	Value	Description	1	Added liquidity (passive)	2	Removed liquidity (aggressive, includes triggered orders)	4	Auction (includes VDO matching at midpoint)
Value	Description													
1	Added liquidity (passive)													
2	Removed liquidity (aggressive, includes triggered orders)													
4	Auction (includes VDO matching at midpoint)													
1815	TradingCapacity	Y	1	256	unsigned int	<p>This field designates if the trader is acting in the capacity of agent, trading for its own account or acting as a market maker.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Customer (Agency)</td> </tr> <tr> <td>5</td> <td>Principal (Proprietary)</td> </tr> <tr> <td>6</td> <td>MarketMaker</td> </tr> </tbody> </table>	Value	Description	1	Customer (Agency)	5	Principal (Proprietary)	6	MarketMaker
Value	Description													
1	Customer (Agency)													
5	Principal (Proprietary)													
6	MarketMaker													
23002	OrderAttribute-LiquidityProvision	N	1	257	unsigned int	<p>Indication as to whether an order is submitted to a Trading Venue as part of a market making strategy.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Liquidity provision</td> </tr> <tr> <td>0</td> <td>No liquidity provision</td> </tr> </tbody> </table>	Value	Description	1	Liquidity provision	0	No liquidity provision		
Value	Description													
1	Liquidity provision													
0	No liquidity provision													
23003	OrderAttributeRisk-Reduction	N	1	258	unsigned int	<p>Indication as to whether the transaction reduces risk in an objectively measurable way in accordance with Article 57 of Directive 2014/EU. The field is only applicable for commodity derivative transactions.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Risk reduction</td> </tr> <tr> <td>0</td> <td>No risk reduction</td> </tr> </tbody> </table>	Value	Description	1	Risk reduction	0	No risk reduction		
Value	Description													
1	Risk reduction													
0	No risk reduction													

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
25124	ExecutingTrader- Qualifier	N	1	259	unsigned int	<p>Qualifier for field ExecutingTrader. It is required to distinguish between natural persons and Algos.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algo</td> </tr> <tr> <td>24</td> <td>Human/Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algo	24	Human/Natural person
Value	Description											
22	Algo											
24	Human/Natural person											
21622	RootParty- IDInvestmentDecision- MakerQualifier	N	1	260	unsigned int	<p>Qualifier for field PartyIdInvestmentDecisionMaker. Members/participants will have the possibility to specify an Investment qualifier value to distinguish between natural persons and Algos.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algo</td> </tr> <tr> <td>24</td> <td>Human/Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algo	24	Human/Natural person
Value	Description											
22	Algo											
24	Human/Natural person											
1	Account	N	2	261	Fixed String	<p>Accounts to book trades and keep positions on.</p> <p>Valid characters: 1-9, \x41, \x45, \x47, \x4D, \x50, \x52</p>						
20438	RootPartyIDPosition- Account	N	32	263	Fixed String	<p>'Flexible Account' information.</p> <p>Valid characters: \x20, \x30- \x39, \x41- \x5A</p>						
77	PositionEffect	N	1	295	char	<p>Field is used for T7 position management purposes and indicates whether the order is submitted to open or close a position.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>C</td> <td>Close</td> </tr> <tr> <td>O</td> <td>Open</td> </tr> </tbody> </table>	Value	Description	C	Close	O	Open
Value	Description											
C	Close											
O	Open											
1031	CustOrderHandling- Inst	N	1	296	Fixed String	<p>Identifies the source of an order, in accordance with the FIA guidelines for a rate Identifier. The field is for participant use only.</p> <p>Valid characters: \x20, \x22- \x7B, \x7D, \x7E</p>						

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
25007	FreeText1	N	12	297	Fixed String	First free-format text field for trader-specific or customer-related comments. Valid characters: \x20,\x23-\x25,\x28-\x2A,\x2C-\x3B,\x3F,\x41-\x5F,\x61-\x7B,\x7D,\x7E						
25008	FreeText2	N	12	309	Fixed String	Second free-format text field for trader-specific or customer-related comments. Will not be forwarded to CCP for cash markets. Valid characters: \x20,\x23-\x25,\x28-\x2A,\x2C-\x3B,\x3F,\x41-\x5F,\x61-\x7B,\x7D,\x7E						
25009	FreeText3	N	12	321	Fixed String	Third free-format text field for trader-specific or customer-related comments. Valid characters: \x20,\x23-\x25,\x28-\x2A,\x2C-\x3B,\x3F,\x41-\x5F,\x61-\x7B,\x7D,\x7E						
1115	OrderCategory	N	1	333	char	Indicates if the trade notification results from an order or quote. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Order</td> </tr> <tr> <td>2</td> <td>Quote</td> </tr> </tbody> </table>	Value	Description	1	Order	2	Quote
Value	Description											
1	Order											
2	Quote											
40	OrdType	N	1	334	unsigned int	Order type. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Market</td> </tr> <tr> <td>2</td> <td>Limit</td> </tr> </tbody> </table>	Value	Description	1	Market	2	Limit
Value	Description											
1	Market											
2	Limit											

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description																		
28587	RelatedProduct-Complex	N	1	335	unsigned int	Instrument type of the original T7 strategy. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Standard Option Strategy</td> </tr> <tr> <td>3</td> <td>Non-Standard Option Strategy</td> </tr> <tr> <td>4</td> <td>Volatility Strategy</td> </tr> <tr> <td>5</td> <td>Futures Spread</td> </tr> <tr> <td>6</td> <td>Inter-Product Spread</td> </tr> <tr> <td>7</td> <td>Standard Future Strategy</td> </tr> <tr> <td>8</td> <td>Pack and Bundle</td> </tr> <tr> <td>9</td> <td>Strip</td> </tr> </tbody> </table>	Value	Description	2	Standard Option Strategy	3	Non-Standard Option Strategy	4	Volatility Strategy	5	Futures Spread	6	Inter-Product Spread	7	Standard Future Strategy	8	Pack and Bundle	9	Strip
Value	Description																							
2	Standard Option Strategy																							
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5	Futures Spread																							
6	Inter-Product Spread																							
7	Standard Future Strategy																							
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9	Strip																							
28586	OrderSide	N	1	336	unsigned int	Side of the order in the original T7 strategy. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </tbody> </table>	Value	Description	1	Buy	2	Sell												
Value	Description																							
1	Buy																							
2	Sell																							
22421	RootPartyClearing-Organization	Y	4	337	Fixed String	Clearing House Short Name. Valid characters: \x20,\x22-\x7B,\x7D,\x7E																		
22401	RootPartyExecuting-Firm	Y	5	341	Fixed String	Participant Short Name. Valid characters: \x20,\x22-\x7B,\x7D,\x7E																		
22412	RootPartyExecuting-Trader	Y	6	346	Fixed String	Owning User Short Name. Valid characters: \x20,\x22-\x7B,\x7D,\x7E																		
22404	RootPartyClearing-Firm	Y	5	352	Fixed String	Clearing Member Short Name. Valid characters: \x20,\x22-\x7B,\x7D,\x7E																		
1903	RegulatoryTradeID	N	52	357	Fixed String	TVTIC - Trading Venue Transaction Identification Code Valid characters: 0-9,A-Z,a-z																		
39070	Pad7	U	7	409	Fixed String	not used																		

13.6 Trade Notification Status

This message informs about the end of the Trade Notification stream for the respective business day.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
<i><MessageHeaderOut></i>												
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.						
28500	TemplatelD	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10501 (Trading-SessionStatus, MsgType = h)						
39020	Pad2	U	2	6	Fixed String	not used						
<i><RBCHHeader></i>												
52	SendingTime	Y	8	8	UTCTimestamp	Gateway response out timestamp.						
1181	ApplSeqNum	Y	8	16	unsigned int	Application sequence number assigned to a non-order related T7 ETI data stream.						
28727	ApplSubID	N	4	24	unsigned int	Unique ID assigned by the T7 system during broadcast subscription in order to link broadcasts to the related subscription.						
5948	PartitionID	Y	2	28	unsigned int	Grouping of T7 products. Belongs to the scope of Service Availability and Retransmit requests.						
1352	ApplResendFlag	Y	1	30	unsigned int	Indicates a retransmission message. <table border="1" data-bbox="991 1355 1409 1485"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>False</td> </tr> <tr> <td>1</td> <td>True</td> </tr> </tbody> </table>	Value	Description	0	False	1	True
Value	Description											
0	False											
1	True											
1180	ApplID	Y	1	31	unsigned int	Identifier for an ETI data stream. <table border="1" data-bbox="991 1563 1409 1646"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Trade</td> </tr> </tbody> </table>	Value	Description	1	Trade		
Value	Description											
1	Trade											
893	LastFragment	Y	1	32	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1" data-bbox="991 1845 1409 1928"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	1	Last Message		
Value	Description											
1	Last Message											
39070	Pad7	U	7	33	Fixed String	not used						
<i><Message Body></i>												

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description				
1368	TradSesEvent	Y	1	40	unsigned int	Trading session event type. <table border="1"><thead><tr><th>Value</th><th>Description</th></tr></thead><tbody><tr><td>104</td><td>End of Service</td></tr></tbody></table>	Value	Description	104	End of Service
Value	Description									
104	End of Service									
39070	Pad7	U	7	41	Fixed String	not used				

13.7 Service Availability

The Service Availability message provides information on the availability of a partition. For more details, please refer to the ETI Manual, chapter Service Availability - partition scope.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
<i><MessageHeaderOut></i>												
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.						
28500	TemplatelD	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10030 (User-Notification, MsgType = CB)						
39020	Pad2	U	2	6	Fixed String	not used						
<i><NRBCHheader></i>												
52	SendingTime	Y	8	8	UTCTimestamp	Gateway response out timestamp.						
28727	ApplSubID	Y	4	16	unsigned int	Unique ID assigned by the T7 system during broadcast subscription in order to link broadcasts to the related subscription.						
1180	ApplID	Y	1	20	unsigned int	Identifier for an ETI data stream. <table border="1" data-bbox="991 1111 1409 1196"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>Service Availability</td> </tr> </tbody> </table>	Value	Description	3	Service Availability		
Value	Description											
3	Service Availability											
893	LastFragment	Y	1	21	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1" data-bbox="991 1395 1409 1523"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Not Last Message</td> </tr> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	0	Not Last Message	1	Last Message
Value	Description											
0	Not Last Message											
1	Last Message											
39020	Pad2	U	2	22	Fixed String	not used						
<i><Message Body></i>												
25030	MatchingEngine-TradeDate	N	4	24	LocalMktDate	Current business day for Order/Quote Management service.						
25031	TradeManagerTradeDate	N	4	28	LocalMktDate	Current business day of Trades service.						
25032	ApplSeqTradeDate	N	4	32	LocalMktDate	Current business day of Retransmission of Order/Quote Events service.						
25047	T7EntryServiceTradeDate	N	4	36	LocalMktDate	Current business day of T7 Entry Service.						
25049	T7EntryServiceRtm-TradeDate	N	4	40	LocalMktDate	Current business day of Retransmission of T7 Entry Service.						

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
5948	PartitionID	Y	2	44	unsigned int	Grouping of T7 products. Belongs to the scope of Service Availability and Retransmit requests.						
25005	MatchingEngine-Status	Y	1	46	unsigned int	Order/Quote Management service: Informs if trading is active for grouping of T7 products. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Unavailable</td> </tr> <tr> <td>1</td> <td>Available</td> </tr> </tbody> </table>	Value	Description	0	Unavailable	1	Available
Value	Description											
0	Unavailable											
1	Available											
25006	TradeManagerStatus	Y	1	47	unsigned int	Trades service: Informs about the availability of the retransmission service of trades for a grouping of T7 products. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Unavailable</td> </tr> <tr> <td>1</td> <td>Available</td> </tr> </tbody> </table>	Value	Description	0	Unavailable	1	Available
Value	Description											
0	Unavailable											
1	Available											
28732	ApplSeqStatus	Y	1	48	unsigned int	Retransmission of Order/Quote Events service: Informs about the availability of the retransmission services for order and quote events (session data and listener data) for a grouping of T7 products. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Unavailable</td> </tr> <tr> <td>1</td> <td>Available</td> </tr> </tbody> </table>	Value	Description	0	Unavailable	1	Available
Value	Description											
0	Unavailable											
1	Available											
25048	T7EntryServiceStatus	Y	1	49	unsigned int	T7 Entry Service: informs if TES trading is active for grouping of T7 products. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Unavailable</td> </tr> <tr> <td>1</td> <td>Available</td> </tr> </tbody> </table>	Value	Description	0	Unavailable	1	Available
Value	Description											
0	Unavailable											
1	Available											

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
25050	T7EntryServiceRtm-Status	Y	1	50	unsigned int	<p>T7 Entry Retransmission Service: Informs about the availability of the reatrnmission services for TES trade events.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Unavailable</td> </tr> <tr> <td>1</td> <td>Available</td> </tr> </tbody> </table>	Value	Description	0	Unavailable	1	Available
Value	Description											
0	Unavailable											
1	Available											
39050	Pad5	U	5	51	Fixed String	not used						

13.8 Service Availability Market

The Service Availability Market message provides information on the availability of a market. For more details, please refer to the ETI Manual, chapter Service Availability - market scope.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
<i><MessageHeaderOut></i>												
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.						
28500	TemplatID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10044 (User-Notification, MsgType = CB)						
39020	Pad2	U	2	6	Fixed String	not used						
<i><NRBCHeader></i>												
52	SendingTime	Y	8	8	UTCTimestamp	Gateway response out timestamp.						
28727	ApplSubID	Y	4	16	unsigned int	Unique ID assigned by the T7 system during broadcast subscription in order to link broadcasts to the related subscription.						
1180	ApplID	Y	1	20	unsigned int	Identifier for an ETI data stream. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>Service Availability Market</td> </tr> </tbody> </table>	Value	Description	10	Service Availability Market		
Value	Description											
10	Service Availability Market											
893	LastFragment	Y	1	21	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Not Last Message</td> </tr> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	0	Not Last Message	1	Last Message
Value	Description											
0	Not Last Message											
1	Last Message											
39020	Pad2	U	2	22	Fixed String	not used						
<i><Message Body></i>												
25052	SelectiveRequestForQuoteServiceTradeDate	N	4	24	LocalMktDate	Business date of the Selective Service for Quote Service.						
25051	SelectiveRequestForQuoteServiceStatus	Y	1	28	unsigned int	State of the Selective Service for Quote Service. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Unavailable</td> </tr> <tr> <td>1</td> <td>Available</td> </tr> </tbody> </table>	Value	Description	0	Unavailable	1	Available
Value	Description											
0	Unavailable											
1	Available											
39030	Pad3	U	3	29	Fixed String	not used						

13.9 News

The News message provides public information from the T7 market supervision. News messages distributed without an ApplSeqNum are not part of the retransmission responses. For more details, please refer to the ETI Manual, chapter News.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
<i><MessageHeaderOut></i>												
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.						
28500	TemplatID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10031 (News, MsgType = B)						
39020	Pad2	U	2	6	Fixed String	not used						
<i><RBCHeader></i>												
52	SendingTime	Y	8	8	UTCTimestamp	Gateway response out timestamp.						
1181	ApplSeqNum	N	8	16	unsigned int	Application sequence number assigned to a non-order related T7 ETI data stream.						
28727	ApplSubID	N	4	24	unsigned int	Unique ID assigned by the T7 system during broadcast subscription in order to link broadcasts to the related subscription.						
5948	PartitionID	Y	2	28	unsigned int	Grouping of T7 products. Belongs to the scope of Service Availability and Retransmit requests.						
1352	ApplResendFlag	Y	1	30	unsigned int	Indicates a retransmission message. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>False</td> </tr> <tr> <td>1</td> <td>True</td> </tr> </tbody> </table>	Value	Description	0	False	1	True
Value	Description											
0	False											
1	True											
1180	ApplID	Y	1	31	unsigned int	Identifier for an ETI data stream. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>News</td> </tr> </tbody> </table>	Value	Description	2	News		
Value	Description											
2	News											
893	LastFragment	Y	1	32	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	1	Last Message		
Value	Description											
1	Last Message											
39070	Pad7	U	7	33	Fixed String	not used						
<i><Message Body></i>												

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
42	OrigTime	Y	8	40	UTCTimestamp	Creation timestamp of the News message.
30354	VarTextLen	Y	2	48	Counter	Number of used bytes for field VarText (30355).
148	Headline	Y	256	50	Fixed String	The headline of a News message. Valid characters: \x20,\x22-\x7B,\x7D,\x7E
39060	Pad6	U	6	306	Fixed String	not used
30355	VarText	N	2000	312	Variable String	News text. Valid characters: \x09,\x0A,\x0D,\x20-\x7B,\x7D,\x7E

13.10 Entitlement Notification

This message informs about entitlement updates of the business unit. For more details, please refer to the ETI Manual, chapter Risk Control.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
<i><MessageHeaderOut></i>												
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.						
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10034 (Party-EntitlementsUpdateReport, MsgType = CZ)						
39020	Pad2	U	2	6	Fixed String	not used						
<i><RBCHeader></i>												
52	SendingTime	Y	8	8	UTCTimestamp	Gateway response out timestamp.						
1181	ApplSeqNum	Y	8	16	unsigned int	Application sequence number assigned to a non-order related T7 ETI data stream.						
28727	ApplSubID	U	4	24	unsigned int	not used						
5948	PartitionID	Y	2	28	unsigned int	Grouping of T7 products. Belongs to the scope of Service Availability and Retransmit requests.						
1352	ApplResendFlag	Y	1	30	unsigned int	Indicates a retransmission message. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>False</td> </tr> <tr> <td>1</td> <td>True</td> </tr> </tbody> </table>	Value	Description	0	False	1	True
Value	Description											
0	False											
1	True											
1180	ApplID	Y	1	31	unsigned int	Identifier for an ETI data stream. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>6</td> <td>Risk Control</td> </tr> </tbody> </table>	Value	Description	6	Risk Control		
Value	Description											
6	Risk Control											
893	LastFragment	Y	1	32	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	1	Last Message		
Value	Description											
1	Last Message											
39070	Pad7	U	7	33	Fixed String	not used						
<i><Message Body></i>												
60	TransactTime	Y	8	40	UTCTimestamp	Transaction timestamp.						
75	TradeDate	Y	4	48	LocalMktDate	Business date.						

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description										
20259	PartyDetail- IDExecutingUnit	Y	4	52	unsigned int	Business Unit ID.										
20816	RequestingParty- IDExecutingSystem	Y	4	56	unsigned int	System ID. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Eurex Clearing</td> </tr> <tr> <td>2</td> <td>T7 trading system</td> </tr> </tbody> </table>	Value	Description	1	Eurex Clearing	2	T7 trading system				
Value	Description															
1	Eurex Clearing															
2	T7 trading system															
1301	MarketID	N	2	60	unsigned int	Market ID. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>XEUR</td> </tr> <tr> <td>2</td> <td>XEEE</td> </tr> <tr> <td>12</td> <td>NODX</td> </tr> <tr> <td>*</td> <td>More values</td> </tr> </tbody> </table>	Value	Description	1	XEUR	2	XEEE	12	NODX	*	More values
Value	Description															
1	XEUR															
2	XEEE															
12	NODX															
*	More values															
1324	ListUpdateAction	Y	1	62	char	Invocation (D = Delete) or release (A = Add) of a trading limitation. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Add (Invocation)</td> </tr> <tr> <td>D</td> <td>Delete (Release)</td> </tr> </tbody> </table>	Value	Description	A	Add (Invocation)	D	Delete (Release)				
Value	Description															
A	Add (Invocation)															
D	Delete (Release)															
22807	RequestingParty- EnteringFirm	Y	9	63	Fixed String	Entering Entity Short Name. Valid characters: A-Z,0-9,\x20										
22804	RequestingParty- ClearingFirm	N	9	72	Fixed String	Clearing Member Short Name. Valid characters: A-Z,0-9,\x20										
1672	PartyDetailStatus	Y	1	81	unsigned int	Member status. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Active</td> </tr> <tr> <td>1</td> <td>Suspend</td> </tr> </tbody> </table>	Value	Description	0	Active	1	Suspend				
Value	Description															
0	Active															
1	Suspend															
39060	Pad6	U	6	82	Fixed String	not used										

13.11 Risk Notification

This message informs about risk events for the business unit. For more details, please refer to the ETI Manual, chapter Risk Control.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
<i><MessageHeaderOut></i>												
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.						
28500	TemplatelD	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10033 (PartyRiskLimitsUpdateReport, MsgType = CR)						
39020	Pad2	U	2	6	Fixed String	not used						
<i><RBCHheader></i>												
52	SendingTime	Y	8	8	UTCTimestamp	Gateway response out timestamp.						
1181	ApplSeqNum	Y	8	16	unsigned int	Application sequence number assigned to a non-order related T7 ETI data stream.						
28727	ApplSubID	U	4	24	unsigned int	not used						
5948	PartitionID	Y	2	28	unsigned int	Grouping of T7 products. Belongs to the scope of Service Availability and Retransmit requests.						
1352	ApplResendFlag	Y	1	30	unsigned int	Indicates a retransmission message. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>False</td> </tr> <tr> <td>1</td> <td>True</td> </tr> </tbody> </table>	Value	Description	0	False	1	True
Value	Description											
0	False											
1	True											
1180	ApplID	Y	1	31	unsigned int	Identifier for an ETI data stream. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>6</td> <td>Risk Control</td> </tr> </tbody> </table>	Value	Description	6	Risk Control		
Value	Description											
6	Risk Control											
893	LastFragment	Y	1	32	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	1	Last Message		
Value	Description											
1	Last Message											
39070	Pad7	U	7	33	Fixed String	not used						
<i><Message Body></i>												
60	TransactTime	Y	8	40	UTCTimestamp	Transaction timestamp.						
75	TradeDate	Y	4	48	LocalMktDate	Business date.						
20259	PartyDetail- IDExecutingUnit	Y	4	52	unsigned int	Business Unit ID.						

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description										
20816	RequestingParty- IDExecutingSystem	Y	4	56	unsigned int	System ID. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Eurex Clearing</td> </tr> <tr> <td>2</td> <td>T7 trading system</td> </tr> </tbody> </table>	Value	Description	1	Eurex Clearing	2	T7 trading system				
Value	Description															
1	Eurex Clearing															
2	T7 trading system															
1301	MarketID	N	2	60	unsigned int	Market ID. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>XEUR</td> </tr> <tr> <td>2</td> <td>XEEE</td> </tr> <tr> <td>12</td> <td>NODX</td> </tr> <tr> <td>*</td> <td>More values</td> </tr> </tbody> </table>	Value	Description	1	XEUR	2	XEEE	12	NODX	*	More values
Value	Description															
1	XEUR															
2	XEEE															
12	NODX															
*	More values															
1324	ListUpdateAction	Y	1	62	char	Invocation (A = Add) or release (D = Delete) of a risk limitation. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Add (Invocation)</td> </tr> <tr> <td>D</td> <td>Delete (Release)</td> </tr> </tbody> </table>	Value	Description	A	Add (Invocation)	D	Delete (Release)				
Value	Description															
A	Add (Invocation)															
D	Delete (Release)															
1767	RiskLimitAction	N	1	63	unsigned int	Risk protection action. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Queue Inbound</td> </tr> <tr> <td>2</td> <td>Reject</td> </tr> <tr> <td>4</td> <td>Warning</td> </tr> </tbody> </table>	Value	Description	0	Queue Inbound	2	Reject	4	Warning		
Value	Description															
0	Queue Inbound															
2	Reject															
4	Warning															
22807	RequestingParty- EnteringFirm	Y	9	64	Fixed String	Entering Entity Short Name. Valid characters: A-Z,0-9,\x20										
22804	RequestingParty- ClearingFirm	N	9	73	Fixed String	Clearing Member Short Name. Valid characters: A-Z,0-9,\x20										
39060	Pad6	U	6	82	Fixed String	not used										

13.12 Trading Session Event

For more details, please refer to the ETI Manual, chapter Trading Session Events.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
<i><MessageHeaderOut></i>												
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.						
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10307 (TradingSessionStatus, MsgType = h)						
39020	Pad2	U	2	6	Fixed String	not used						
<i><RBCHeaderME></i>												
21003	TrdRegTSTimeOut	N	8	8	UTCTimestamp	Matching engine out timestamp.						
25043	NotificationIn	N	8	16	UTCTimestamp	Timestamp the gateway receives a notification message from the Matching Engine						
52	SendingTime	Y	8	24	UTCTimestamp	Gateway response out timestamp.						
28727	ApplSubID	N	4	32	unsigned int	Only set for Listener Data.						
5948	PartitionID	Y	2	36	unsigned int	Grouping of T7 products. Belongs to the scope of Service Availability and Retransmit requests.						
28704	ApplMsgID	Y	16	38	data	Application message identifier assigned to an order or quote event.						
1180	ApplID	Y	1	54	unsigned int	Identifier for an ETI data stream. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>Session Data</td> </tr> <tr> <td>5</td> <td>Listener Data</td> </tr> </tbody> </table>	Value	Description	4	Session Data	5	Listener Data
Value	Description											
4	Session Data											
5	Listener Data											
1352	ApplResendFlag	Y	1	55	unsigned int	Indicates a retransmission message. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>False</td> </tr> <tr> <td>1</td> <td>True</td> </tr> </tbody> </table>	Value	Description	0	False	1	True
Value	Description											
0	False											
1	True											
893	LastFragment	Y	1	56	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	1	Last Message		
Value	Description											
1	Last Message											
39070	Pad7	U	7	57	Fixed String	not used						
<i><Message Body></i>												
1300	MarketSegmentID	N	4	64	signed int	Product identifier.						

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description												
75	TradeDate	N	4	68	LocalMktDate	Business date.												
1368	TradSesEvent	Y	1	72	unsigned int	Trading session event type. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>101</td> <td>Start of Service</td> </tr> <tr> <td>102</td> <td>Market Reset</td> </tr> <tr> <td>103</td> <td>End of Restatement</td> </tr> <tr> <td>104</td> <td>End of Service</td> </tr> <tr> <td>105</td> <td>Service Resumed</td> </tr> </tbody> </table>	Value	Description	101	Start of Service	102	Market Reset	103	End of Restatement	104	End of Service	105	Service Resumed
Value	Description																	
101	Start of Service																	
102	Market Reset																	
103	End of Restatement																	
104	End of Service																	
105	Service Resumed																	
28722	RefApplLastMsgID	N	16	73	data	Last persisted application message identifier in case of a Market Reset event.												
39070	Pad7	U	7	89	Fixed String	not used												

13.13 Mass Cancellation Event

This message informs about the cancellation of orders and/or quotes because of a system event. While Quotes are always deleted, the deletion of orders (Standard/Lean) is indicated by the ExecInst (18) field.

For more details, please refer to the ETI Manual, chapter Mass Cancellation Events.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
<i><MessageHeaderOut></i>												
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.						
28500	TemplatID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10308 (Order-MassActionReport, MsgType = BZ)						
39020	Pad2	U	2	6	Fixed String	not used						
<i><RBCHheaderME></i>												
21003	TrdRegTSTimeOut	N	8	8	UTCTimestamp	Matching engine out timestamp.						
25043	NotificationIn	N	8	16	UTCTimestamp	Timestamp the gateway receives a notification message from the Matching Engine						
52	SendingTime	Y	8	24	UTCTimestamp	Gateway response out timestamp.						
28727	ApplSubID	N	4	32	unsigned int	Unique ID assigned by the T7 system during broadcast subscription in order to link broadcasts to the related subscription.						
5948	PartitionID	Y	2	36	unsigned int	Grouping of T7 products. Belongs to the scope of Service Availability and Retransmit requests.						
28704	ApplMsgID	N	16	38	data	Application message identifier assigned to an order or quote event.						
1180	ApplID	Y	1	54	unsigned int	Identifier for an ETI data stream. <table border="1" data-bbox="991 1588 1409 1720"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>Session Data</td> </tr> <tr> <td>5</td> <td>Listener Data</td> </tr> </tbody> </table>	Value	Description	4	Session Data	5	Listener Data
Value	Description											
4	Session Data											
5	Listener Data											
1352	ApplResendFlag	Y	1	55	unsigned int	Indicates a retransmission message. <table border="1" data-bbox="991 1798 1409 1924"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>False</td> </tr> <tr> <td>1</td> <td>True</td> </tr> </tbody> </table>	Value	Description	0	False	1	True
Value	Description											
0	False											
1	True											

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description														
893	LastFragment	Y	1	56	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	1	Last Message										
Value	Description																			
1	Last Message																			
39070	Pad7	U	7	57	Fixed String	not used														
<i><Message Body></i>																				
1369	MassActionReportID	Y	8	64	UTCTimestamp	Transaction timestamp.														
48	SecurityID	N	8	72	signed int	Instrument identifier.														
1300	MarketSegmentID	Y	4	80	signed int	Product identifier.														
28721	MassActionReason	Y	1	84	unsigned int	Reason for mass cancellation. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>105</td> <td>Product State Halt</td> </tr> <tr> <td>106</td> <td>Product State Holiday</td> </tr> <tr> <td>107</td> <td>Instrument Suspended</td> </tr> <tr> <td>109</td> <td>Complex Instrument Deletion</td> </tr> <tr> <td>110</td> <td>Volatility Interruption</td> </tr> <tr> <td>111</td> <td>Product temporarily not tradeable</td> </tr> </tbody> </table>	Value	Description	105	Product State Halt	106	Product State Holiday	107	Instrument Suspended	109	Complex Instrument Deletion	110	Volatility Interruption	111	Product temporarily not tradeable
Value	Description																			
105	Product State Halt																			
106	Product State Holiday																			
107	Instrument Suspended																			
109	Complex Instrument Deletion																			
110	Volatility Interruption																			
111	Product temporarily not tradeable																			
18	ExecInst	N	1	85	unsigned int	Cancellation scope for orders. Quotes are always cancelled by Mass Cancellation Events.'No value' indicates no order cancellation. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Persistent Order (FIX value 'H')</td> </tr> <tr> <td>2</td> <td>Non-persistent Order (FIX value 'Q')</td> </tr> <tr> <td>3</td> <td>Persistent and non-persistent orders affected (FIX value 'H Q')</td> </tr> </tbody> </table>	Value	Description	1	Persistent Order (FIX value 'H')	2	Non-persistent Order (FIX value 'Q')	3	Persistent and non-persistent orders affected (FIX value 'H Q')						
Value	Description																			
1	Persistent Order (FIX value 'H')																			
2	Non-persistent Order (FIX value 'Q')																			
3	Persistent and non-persistent orders affected (FIX value 'H Q')																			
39020	Pad2	U	2	86	Fixed String	not used														

13.14 Gap Fill

This message informs that the provided message must be skipped over, due to the fact that the T7 system is not able to provide the functional data to the participant. The exchange may be contacted for further error analysis.

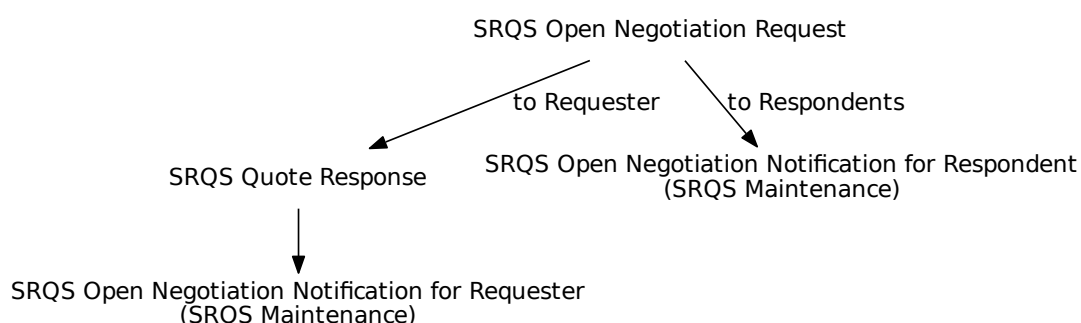
Tag	Field Name	Req'd	Len	Ofs	Data Type	Description																						
<i><MessageHeaderOut></i>																												
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.																						
28500	TemplatID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10032 (ApplicationMessageReport, Msg-Type = BY)																						
39020	Pad2	U	2	6	Fixed String	not used																						
<i><NotifHeader></i>																												
52	SendingTime	Y	8	8	UTCTimestamp	Gateway response out timestamp.																						
<i><Message Body></i>																												
28724	ApplIDStatus	Y	4	16	unsigned int	Application sequencing related error code. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>105</td> <td>Error converting response or broadcast</td> </tr> <tr> <td>*</td> <td>More values</td> </tr> </tbody> </table>	Value	Description	105	Error converting response or broadcast	*	More values																
Value	Description																											
105	Error converting response or broadcast																											
*	More values																											
28728	RefApplSubID	N	4	20	unsigned int	Unique ID for the subscription instance assigned by the T7 system during broadcast subscription.																						
30354	VarTextLen	Y	2	24	Counter	Number of used bytes for field VarText (30355).																						
1355	RefApplID	Y	1	26	unsigned int	Application identifier of a T7 ETI data stream. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Trade</td> </tr> <tr> <td>2</td> <td>News</td> </tr> <tr> <td>3</td> <td>Service Availability</td> </tr> <tr> <td>4</td> <td>Session Data</td> </tr> <tr> <td>5</td> <td>Listener Data</td> </tr> <tr> <td>6</td> <td>Risk Control</td> </tr> <tr> <td>7</td> <td>TES Maintenance</td> </tr> <tr> <td>8</td> <td>TES Trade</td> </tr> <tr> <td>9</td> <td>SRQS Maintenance</td> </tr> <tr> <td>10</td> <td>Service Availability Market</td> </tr> </tbody> </table>	Value	Description	1	Trade	2	News	3	Service Availability	4	Session Data	5	Listener Data	6	Risk Control	7	TES Maintenance	8	TES Trade	9	SRQS Maintenance	10	Service Availability Market
Value	Description																											
1	Trade																											
2	News																											
3	Service Availability																											
4	Session Data																											
5	Listener Data																											
6	Risk Control																											
7	TES Maintenance																											
8	TES Trade																											
9	SRQS Maintenance																											
10	Service Availability Market																											

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
1409	SessionStatus	Y	1	27	unsigned int	Session status. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Session active</td> </tr> <tr> <td>4</td> <td>Session logout complete</td> </tr> </tbody> </table>	Value	Description	0	Session active	4	Session logout complete
Value	Description											
0	Session active											
4	Session logout complete											
39040	Pad4	U	4	28	Fixed String	not used						
30355	VarText	Y	2000	32	Variable String	Error text. Valid characters: \x09,\x0A,\x0D, \x20-\x7B,\x7D,\x7E						

14 Selective Request for Quote Service

14.1 SRQS Open Negotiation Request

By submitting this message the requester (typically a broker) sends a RfQ (request for quotes) to targeted respondents (market makers). Bid Price (132) and Offer (Ask) Price (133) in the SRQS Negotiation are used by the requester to provide indicative prices to selected respondents in order to receive from them quotes within these indicative prices. No validation is done on these prices with respect to the side (54) of the SRQS Negotiation. This message is sent to the service "Selective Request for Quote Service".



Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderIn></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplatelD	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10700 (Quote-Request, MsgType = R)
25028	NetworkMsgID	U	8	6	Fixed String	not used
39020	Pad2	U	2	14	Fixed String	not used
<i><RequestHeader></i>						
34	MsgSeqNum	Y	4	16	unsigned int	Message sequence number used by the participant for requests sent to the gateway.
50	SenderSubID	Y	4	20	unsigned int	User ID.
<i><Message Body></i>						
48	SecurityID	N	8	24	signed int	Instrument identifier.
132	BidPx	N	8	32	PriceType	Bid price/rate.
133	OfferPx	N	8	40	PriceType	Offer price/rate.
38	OrderQty	N	8	48	Qty	Open/total quantity of the SRQS negotiation.
28759	QuoteRefPrice	N	8	56	PriceType	Underlying reference price for an option (for option strategies)

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
25149	UnderlyingDelta-Percentage	N	8	64	floatDecimal4	The effective underlying delta of a Vola-Strategy						
1300	MarketSegmentID	Y	4	72	signed int	Product identifier.						
762	SecuritySubType	N	4	76	signed int	Strategy Type. Required for Product-Complex (1227) = 2=Standard Option Strategy, 4=Option Volatility Strategy, 6=Inter Product Spread, 7=Standard Future Strategy, 8=Pack and Bundle						
537	QuoteType	Y	1	80	unsigned int	Quote Type <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Indicative</td> </tr> <tr> <td>1</td> <td>Tradeable</td> </tr> </tbody> </table>	Value	Description	0	Indicative	1	Tradeable
Value	Description											
0	Indicative											
1	Tradeable											
538	QuoteSubType	N	1	81	unsigned int	Sub-type/qualifier of QuoteType <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Working Delta</td> </tr> </tbody> </table>	Value	Description	1	Working Delta		
Value	Description											
1	Working Delta											
555	NoLegs	N	1	82	Counter	Number of QuoteReqLegs repeating group instances.						
1461	NoTargetPartyIDs	Y	1	83	Counter	Number of TargetParties records.						
25145	NumberOfResp-DisclosureInstruction	Y	1	84	unsigned int	Instruction to show total number of Respondents in a SRQS event. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No</td> </tr> <tr> <td>1</td> <td>Yes</td> </tr> </tbody> </table>	Value	Description	0	No	1	Yes
Value	Description											
0	No											
1	Yes											
54	Side	N	1	85	unsigned int	Side of the order. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </tbody> </table>	Value	Description	1	Buy	2	Sell
Value	Description											
1	Buy											
2	Sell											
28760	QuoteRefPriceSource	N	1	86	unsigned int	Reference price type <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Underlying</td> </tr> <tr> <td>2</td> <td>Custom underlying price</td> </tr> </tbody> </table>	Value	Description	1	Underlying	2	Custom underlying price
Value	Description											
1	Underlying											
2	Custom underlying price											

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description																				
25140	TradeUnderlying	N	1	87	unsigned int	Indicates whether underlying leg should be traded as part of the strategy or not (if ULEG is present). <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>No</td> </tr> <tr> <td>2</td> <td>Yes</td> </tr> </tbody> </table>	Value	Description	1	No	2	Yes														
Value	Description																									
1	No																									
2	Yes																									
25148	NegotiateUnderlying	N	1	88	unsigned int	Instruction to negotiate the underlying. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No</td> </tr> <tr> <td>1</td> <td>Yes</td> </tr> </tbody> </table>	Value	Description	0	No	1	Yes														
Value	Description																									
0	No																									
1	Yes																									
1227	ProductComplex	N	1	89	unsigned int	This field qualifies an instrument type on T7. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Simple instrument</td> </tr> <tr> <td>2</td> <td>Standard Option Strategy</td> </tr> <tr> <td>3</td> <td>Non-Standard Option Strategy</td> </tr> <tr> <td>4</td> <td>Volatility Strategy</td> </tr> <tr> <td>5</td> <td>Futures Spread</td> </tr> <tr> <td>6</td> <td>Inter-Product Spread</td> </tr> <tr> <td>7</td> <td>Standard Future Strategy</td> </tr> <tr> <td>8</td> <td>Pack and Bundle</td> </tr> <tr> <td>9</td> <td>Strip</td> </tr> </tbody> </table>	Value	Description	1	Simple instrument	2	Standard Option Strategy	3	Non-Standard Option Strategy	4	Volatility Strategy	5	Futures Spread	6	Inter-Product Spread	7	Standard Future Strategy	8	Pack and Bundle	9	Strip
Value	Description																									
1	Simple instrument																									
2	Standard Option Strategy																									
3	Non-Standard Option Strategy																									
4	Volatility Strategy																									
5	Futures Spread																									
6	Inter-Product Spread																									
7	Standard Future Strategy																									
8	Pack and Bundle																									
9	Strip																									
22001	PartyExecutingFirm	Y	5	90	Fixed String	Owning business unit name. Valid characters: A-Z,0-9,\x20																				
22012	PartyExecutingTrader	Y	6	95	Fixed String	Owning user name. Valid characters: A-Z,0-9,\x20																				
131	QuoteReqID	N	20	101	Fixed String	SRQS negotiation report ID Valid characters: \x01-\x7E																				
39070	Pad7	U	7	121	Fixed String	not used																				
<QuoteReqLegsGrp>						Cardinality: 0-20, Record counter: NoLegs																				
602	>LegSecurityID	Y	8	128	signed int	Instrument identifier of the leg security.																				
623	>LegRatioQty	N	4	136	unsigned int	The ratio of quantity for this individual leg relative to the entire multileg security.																				

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
600	>LegSymbol	N	4	140	signed int	Product identifier of the leg security (only applicable for underlying leg).						
609	>LegSecurityType	Y	1	144	unsigned int	Indicates type of leg. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Multileg Instrument</td> </tr> <tr> <td>2</td> <td>Underlying Leg</td> </tr> </tbody> </table>	Value	Description	1	Multileg Instrument	2	Underlying Leg
Value	Description											
1	Multileg Instrument											
2	Underlying Leg											
624	>LegSide	N	1	145	unsigned int	The side of the individual leg of a strategy as defined in its signature. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </tbody> </table>	Value	Description	1	Buy	2	Sell
Value	Description											
1	Buy											
2	Sell											
39060	>Pad6	U	6	146	Fixed String	not used						
<TargetParties>						Cardinality: 0-50, Record counter: No-TargetPartyIDs						
25130	>SideDisclosure-Instruction	Y	1	0	unsigned int	Instruction to show side. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No</td> </tr> <tr> <td>1</td> <td>Yes</td> </tr> </tbody> </table>	Value	Description	0	No	1	Yes
Value	Description											
0	No											
1	Yes											
25131	>PriceDisclosure-Instruction	Y	1	1	unsigned int	Instruction to show price. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No</td> </tr> <tr> <td>1</td> <td>Yes</td> </tr> </tbody> </table>	Value	Description	0	No	1	Yes
Value	Description											
0	No											
1	Yes											
25137	>LeavesQty-DisclosureInstruction	Y	1	2	unsigned int	Instruction to show leaves quantity. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No</td> </tr> <tr> <td>1</td> <td>Yes</td> </tr> </tbody> </table>	Value	Description	0	No	1	Yes
Value	Description											
0	No											
1	Yes											
25146	>LastPxDisclosure-Instruction	U	1	3	unsigned int	not used						
25147	>LastQtyDisclosure-Instruction	U	1	4	unsigned int	not used						
25138	>QuoteInstruction	U	1	5	unsigned int	not used						
22601	>TargetParty-ExecutingFirm	Y	5	6	Fixed String	Name of target business unit. Valid characters: A-Z,0-9,\x20						

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
22602	>TargetParty-ExecutingTrader	Y	6	11	Fixed String	Name of target user/trader. Valid characters: A-Z,0-9,\x20
39070	>Pad7	U	7	17	Fixed String	not used

14.2 SRQS Quote Response

This message confirms SRQS Open Negotiation, SRQS Update Negotiation and SRQS Enter Quote requests.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderOut></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplatelD	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10703 (QuoteAck, MsgType = CW)
39020	Pad2	U	2	6	Fixed String	not used
<i><ResponseHeader></i>						
5979	RequestTime	Y	8	8	UTCTimestamp	Gateway request in timestamp.
52	SendingTime	Y	8	16	UTCTimestamp	Gateway response out timestamp.
34	MsgSeqNum	Y	4	24	unsigned int	Message sequence number used by the participant for requests sent to the gateway.
39040	Pad4	U	4	28	Fixed String	not used
<i><Message Body></i>						
117	QuoteID	N	8	32	unsigned int	System defined quote identifier.
28758	NegotiationID	Y	4	40	unsigned int	ID of a SRQS negotiation
131	QuoteReqID	N	20	44	Fixed String	SRQS negotiation report ID Valid characters: \x01-\x7E

14.3 SRQS Open Negotiation Notification for Requester

This message informs the requester about a new SRQS negotiation.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
<i><MessageHeaderOut></i>												
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.						
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10710 (Quote-StatusReport, MsgType = AI)						
39020	Pad2	U	2	6	Fixed String	not used						
<i><RBCHeader></i>												
52	SendingTime	Y	8	8	UTCTimestamp	Gateway response out timestamp.						
1181	ApplSeqNum	Y	8	16	unsigned int	Application sequence number assigned to a non-order related T7 ETI data stream.						
28727	ApplSubID	N	4	24	unsigned int	Unique ID assigned by the T7 system during broadcast subscription in order to link broadcasts to the related subscription.						
5948	PartitionID	U	2	28	unsigned int	not used						
1352	ApplResendFlag	Y	1	30	unsigned int	Indicates a retransmission message. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>False</td> </tr> <tr> <td>1</td> <td>True</td> </tr> </tbody> </table>	Value	Description	0	False	1	True
Value	Description											
0	False											
1	True											
1180	ApplID	Y	1	31	unsigned int	Identifier for an ETI data stream. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>9</td> <td>SRQS Maintenance</td> </tr> </tbody> </table>	Value	Description	9	SRQS Maintenance		
Value	Description											
9	SRQS Maintenance											
893	LastFragment	Y	1	32	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	1	Last Message		
Value	Description											
1	Last Message											
39070	Pad7	U	7	33	Fixed String	not used						
<i><Message Body></i>												
60	TransactTime	Y	8	40	UTCTimestamp	Transaction timestamp.						
48	SecurityID	N	8	48	signed int	Instrument identifier.						
132	BidPx	N	8	56	PriceType	Bid price/rate.						
133	OfferPx	N	8	64	PriceType	Offer price/rate.						

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
38	OrderQty	N	8	72	Qty	Open/total quantity of the SRQS negotiation.						
31	LastPx	N	8	80	PriceType	Price of this fill.						
32	LastQty	N	8	88	Qty	Quantity executed in this fill.						
28759	QuoteRefPrice	N	8	96	PriceType	Underlying reference price for an option (for option strategies)						
25149	UnderlyingDelta-Percentage	N	8	104	floatDecimal4	The effective underlying delta of a Vola-Strategy						
28758	NegotiationID	Y	4	112	unsigned int	ID of a SRQS negotiation						
1300	MarketSegmentID	Y	4	116	signed int	Product identifier.						
762	SecuritySubType	N	4	120	signed int	Strategy Type. Required for Product-Complex (1227) = 2=Standard Option Strategy, 4=Option Volatility Strategy, 6=Inter Product Spread, 7=Standard Future Strategy, 8=Pack and Bundle						
25150	NumberOf-Respondents	N	4	124	unsigned int	Total number of Respondents in a SRQS event.						
537	QuoteType	Y	1	128	unsigned int	Quote Type <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Indicative</td> </tr> <tr> <td>1</td> <td>Tradeable</td> </tr> </tbody> </table>	Value	Description	0	Indicative	1	Tradeable
Value	Description											
0	Indicative											
1	Tradeable											
538	QuoteSubType	N	1	129	unsigned int	Sub-type/qualifier of QuoteType <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Working Delta</td> </tr> </tbody> </table>	Value	Description	1	Working Delta		
Value	Description											
1	Working Delta											
297	QuoteStatus	Y	1	130	unsigned int	Identifies the status of the quote acknowledgement. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>16</td> <td>Active</td> </tr> </tbody> </table>	Value	Description	16	Active		
Value	Description											
16	Active											
555	NoLegs	Y	1	131	Counter	Number of QuotReqLegs repeating group instances.						
1461	NoTargetPartyIDs	Y	1	132	Counter	Number of TargetParties records.						
54	Side	N	1	133	unsigned int	Side of the order. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </tbody> </table>	Value	Description	1	Buy	2	Sell
Value	Description											
1	Buy											
2	Sell											

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description																				
28760	QuoteRefPriceSource	N	1	134	unsigned int	Reference price type <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Underlying</td> </tr> <tr> <td>2</td> <td>Custom underlying price</td> </tr> </tbody> </table>	Value	Description	1	Underlying	2	Custom underlying price														
Value	Description																									
1	Underlying																									
2	Custom underlying price																									
25140	TradeUnderlying	N	1	135	unsigned int	Indicates whether underlying leg should be traded as part of the strategy or not (if ULEG is present). <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>No</td> </tr> <tr> <td>2</td> <td>Yes</td> </tr> </tbody> </table>	Value	Description	1	No	2	Yes														
Value	Description																									
1	No																									
2	Yes																									
25148	NegotiateUnderlying	N	1	136	unsigned int	Instruction to negotiate the underlying. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No</td> </tr> <tr> <td>1</td> <td>Yes</td> </tr> </tbody> </table>	Value	Description	0	No	1	Yes														
Value	Description																									
0	No																									
1	Yes																									
1227	ProductComplex	N	1	137	unsigned int	This field qualifies an instrument type on T7. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Simple instrument</td> </tr> <tr> <td>2</td> <td>Standard Option Strategy</td> </tr> <tr> <td>3</td> <td>Non-Standard Option Strategy</td> </tr> <tr> <td>4</td> <td>Volatility Strategy</td> </tr> <tr> <td>5</td> <td>Futures Spread</td> </tr> <tr> <td>6</td> <td>Inter-Product Spread</td> </tr> <tr> <td>7</td> <td>Standard Future Strategy</td> </tr> <tr> <td>8</td> <td>Pack and Bundle</td> </tr> <tr> <td>9</td> <td>Strip</td> </tr> </tbody> </table>	Value	Description	1	Simple instrument	2	Standard Option Strategy	3	Non-Standard Option Strategy	4	Volatility Strategy	5	Futures Spread	6	Inter-Product Spread	7	Standard Future Strategy	8	Pack and Bundle	9	Strip
Value	Description																									
1	Simple instrument																									
2	Standard Option Strategy																									
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4	Volatility Strategy																									
5	Futures Spread																									
6	Inter-Product Spread																									
7	Standard Future Strategy																									
8	Pack and Bundle																									
9	Strip																									
25145	NumberOfResp-DisclosureInstruction	Y	1	138	unsigned int	Instruction to show total number of Respondents in a SRQS event. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No</td> </tr> <tr> <td>1</td> <td>Yes</td> </tr> </tbody> </table>	Value	Description	0	No	1	Yes														
Value	Description																									
0	No																									
1	Yes																									
22001	PartyExecutingFirm	Y	5	139	Fixed String	Owning business unit name. Valid characters: A-Z,0-9,\x20																				

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
22012	PartyExecutingTrader	Y	6	144	Fixed String	Owning user name. Valid characters: A-Z,0-9,\x20						
22036	PartyEnteringTrader	Y	6	150	Fixed String	The entering user Valid characters: A-Z,0-9,\x20						
28762	FirmNegotiationID	N	20	156	Fixed String	User defined ID of a SRQS negotiation Valid characters: \x01-\x7E						
<QuotReqLegsGrp>						Cardinality: 0-20, Record counter: NoLegs						
602	>LegSecurityID	Y	8	176	signed int	Instrument identifier of the leg security.						
623	>LegRatioQty	N	4	184	unsigned int	The ratio of quantity for this individual leg relative to the entire multileg security.						
600	>LegSymbol	N	4	188	signed int	Product identifier of the leg security (only applicable for underlying leg).						
609	>LegSecurityType	Y	1	192	unsigned int	Indicates type of leg. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Multileg Instrument</td> </tr> <tr> <td>2</td> <td>Underlying Leg</td> </tr> </tbody> </table>	Value	Description	1	Multileg Instrument	2	Underlying Leg
Value	Description											
1	Multileg Instrument											
2	Underlying Leg											
624	>LegSide	N	1	193	unsigned int	The side of the individual leg of a strategy as defined in its signature. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </tbody> </table>	Value	Description	1	Buy	2	Sell
Value	Description											
1	Buy											
2	Sell											
39060	>Pad6	U	6	194	Fixed String	not used						
<TargetParties>						Cardinality: 0-50, Record counter: No-TargetPartyIDs						
25130	>SideDisclosure-Instruction	Y	1	0	unsigned int	Instruction to show side. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No</td> </tr> <tr> <td>1</td> <td>Yes</td> </tr> </tbody> </table>	Value	Description	0	No	1	Yes
Value	Description											
0	No											
1	Yes											
25131	>PriceDisclosure-Instruction	Y	1	1	unsigned int	Instruction to show price. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No</td> </tr> <tr> <td>1</td> <td>Yes</td> </tr> </tbody> </table>	Value	Description	0	No	1	Yes
Value	Description											
0	No											
1	Yes											

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
25137	>LeavesQty- DisclosureInstruction	Y	1	2	unsigned int	Instruction to show leaves quantity. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No</td> </tr> <tr> <td>1</td> <td>Yes</td> </tr> </tbody> </table>	Value	Description	0	No	1	Yes
Value	Description											
0	No											
1	Yes											
25146	>LastPxDisclosure- Instruction	U	1	3	unsigned int	not used						
25147	>LastQtyDisclosure- Instruction	U	1	4	unsigned int	not used						
25138	>QuoteInstruction	U	1	5	unsigned int	not used						
22601	>TargetParty- ExecutingFirm	Y	5	6	Fixed String	Name of target business unit. Valid characters: A-Z,0-9,\x20						
22602	>TargetParty- ExecutingTrader	Y	6	11	Fixed String	Name of target user/trader. Valid characters: A-Z,0-9,\x20						
39070	>Pad7	U	7	17	Fixed String	not used						

14.4 SRQS Open Negotiation Notification for Respondent

This message informs the (targeted) respondents about a new negotiation.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
<i><MessageHeaderOut></i>												
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.						
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10711 (Quote-StatusReport, MsgType = AI)						
39020	Pad2	U	2	6	Fixed String	not used						
<i><RBCHeader></i>												
52	SendingTime	Y	8	8	UTCTimestamp	Gateway response out timestamp.						
1181	ApplSeqNum	Y	8	16	unsigned int	Application sequence number assigned to a non-order related T7 ETI data stream.						
28727	ApplSubID	N	4	24	unsigned int	Unique ID assigned by the T7 system during broadcast subscription in order to link broadcasts to the related subscription.						
5948	PartitionID	U	2	28	unsigned int	not used						
1352	ApplResendFlag	Y	1	30	unsigned int	Indicates a retransmission message. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>False</td> </tr> <tr> <td>1</td> <td>True</td> </tr> </tbody> </table>	Value	Description	0	False	1	True
Value	Description											
0	False											
1	True											
1180	ApplID	Y	1	31	unsigned int	Identifier for an ETI data stream. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>9</td> <td>SRQS Maintenance</td> </tr> </tbody> </table>	Value	Description	9	SRQS Maintenance		
Value	Description											
9	SRQS Maintenance											
893	LastFragment	Y	1	32	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	1	Last Message		
Value	Description											
1	Last Message											
39070	Pad7	U	7	33	Fixed String	not used						
<i><Message Body></i>												
60	TransactTime	Y	8	40	UTCTimestamp	Transaction timestamp.						
28764	NegotiationStartTime	N	8	48	UTCTimestamp	Start time of SRQS negotiation						
48	SecurityID	N	8	56	signed int	Instrument identifier.						
132	BidPx	N	8	64	PriceType	Bid price/rate.						

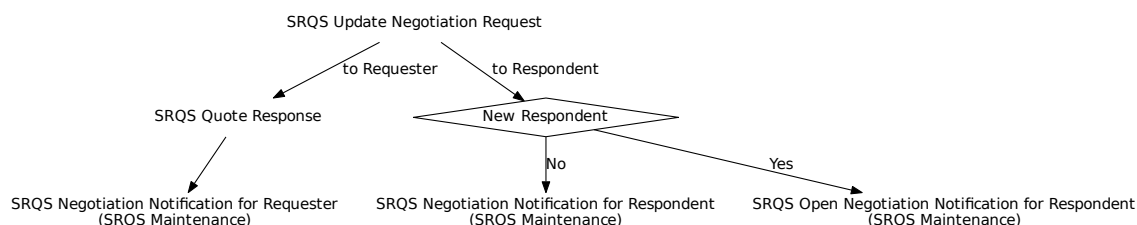
Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
133	OfferPx	N	8	72	PriceType	Offer price/rate.						
151	LeavesQty	N	8	80	Qty	Remaining quantity of an order.						
32	LastQty	N	8	88	Qty	Quantity executed in this fill.						
31	LastPx	N	8	96	PriceType	Price of this fill.						
28759	QuoteRefPrice	N	8	104	PriceType	Underlying reference price for an option (for option strategies)						
25149	UnderlyingDelta-Percentage	N	8	112	floatDecimal4	The effective underlying delta of a Vola-Strategy						
28758	NegotiationID	Y	4	120	unsigned int	ID of a SRQS negotiation						
1300	MarketSegmentID	Y	4	124	signed int	Product identifier.						
762	SecuritySubType	N	4	128	signed int	Strategy Type. Required for Product-Complex (1227) = 2=Standard Option Strategy, 4=Option Volatility Strategy, 6=Inter Product Spread, 7=Standard Future Strategy, 8=Pack and Bundle						
25150	NumberOf-Respondents	N	4	132	unsigned int	Total number of Respondents in a SRQS event.						
537	QuoteType	Y	1	136	unsigned int	Quote Type <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Indicative</td> </tr> <tr> <td>1</td> <td>Tradeable</td> </tr> </tbody> </table>	Value	Description	0	Indicative	1	Tradeable
Value	Description											
0	Indicative											
1	Tradeable											
538	QuoteSubType	N	1	137	unsigned int	Sub-type/qualifier of QuoteType <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Working Delta</td> </tr> </tbody> </table>	Value	Description	1	Working Delta		
Value	Description											
1	Working Delta											
297	QuoteStatus	Y	1	138	unsigned int	Identifies the status of the quote acknowledgement. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>16</td> <td>Active</td> </tr> </tbody> </table>	Value	Description	16	Active		
Value	Description											
16	Active											
555	NoLegs	Y	1	139	Counter	Number of QuotReqLegs repeating group instances.						
54	Side	N	1	140	unsigned int	Side of the order. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </tbody> </table>	Value	Description	1	Buy	2	Sell
Value	Description											
1	Buy											
2	Sell											

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description																				
28760	QuoteRefPriceSource	N	1	141	unsigned int	Reference price type <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Underlying</td> </tr> <tr> <td>2</td> <td>Custom underlying price</td> </tr> </tbody> </table>	Value	Description	1	Underlying	2	Custom underlying price														
Value	Description																									
1	Underlying																									
2	Custom underlying price																									
25140	TradeUnderlying	N	1	142	unsigned int	Indicates whether underlying leg should be traded as part of the strategy or not (if ULEG is present). <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>No</td> </tr> <tr> <td>2</td> <td>Yes</td> </tr> </tbody> </table>	Value	Description	1	No	2	Yes														
Value	Description																									
1	No																									
2	Yes																									
1227	ProductComplex	N	1	143	unsigned int	This field qualifies an instrument type on T7. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Simple instrument</td> </tr> <tr> <td>2</td> <td>Standard Option Strategy</td> </tr> <tr> <td>3</td> <td>Non-Standard Option Strategy</td> </tr> <tr> <td>4</td> <td>Volatility Strategy</td> </tr> <tr> <td>5</td> <td>Futures Spread</td> </tr> <tr> <td>6</td> <td>Inter-Product Spread</td> </tr> <tr> <td>7</td> <td>Standard Future Strategy</td> </tr> <tr> <td>8</td> <td>Pack and Bundle</td> </tr> <tr> <td>9</td> <td>Strip</td> </tr> </tbody> </table>	Value	Description	1	Simple instrument	2	Standard Option Strategy	3	Non-Standard Option Strategy	4	Volatility Strategy	5	Futures Spread	6	Inter-Product Spread	7	Standard Future Strategy	8	Pack and Bundle	9	Strip
Value	Description																									
1	Simple instrument																									
2	Standard Option Strategy																									
3	Non-Standard Option Strategy																									
4	Volatility Strategy																									
5	Futures Spread																									
6	Inter-Product Spread																									
7	Standard Future Strategy																									
8	Pack and Bundle																									
9	Strip																									
25148	NegotiateUnderlying	N	1	144	unsigned int	Instruction to negotiate the underlying. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No</td> </tr> <tr> <td>1</td> <td>Yes</td> </tr> </tbody> </table>	Value	Description	0	No	1	Yes														
Value	Description																									
0	No																									
1	Yes																									
22001	PartyExecutingFirm	Y	5	145	Fixed String	Owning business unit name. Valid characters: A-Z,0-9,\x20																				
22012	PartyExecutingTrader	Y	6	150	Fixed String	Owning user name. Valid characters: A-Z,0-9,\x20																				
22036	PartyEnteringTrader	Y	6	156	Fixed String	The entering user Valid characters: A-Z,0-9,\x20																				
22601	TargetPartyExecutingFirm	Y	5	162	Fixed String	Name of target business unit. Valid characters: A-Z,0-9,\x20																				

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
22602	TargetPartyExecuting-Trader	Y	6	167	Fixed String	Name of target user/trader. Valid characters: A-Z,0-9,\x20						
28762	FirmNegotiationID	N	20	173	Fixed String	User defined ID of a SRQS negotiation Valid characters: \x01-\x7E						
39070	Pad7	U	7	193	Fixed String	not used						
<QuotReqLegsGrp>						Cardinality: 0-20, Record counter: NoLegs						
602	>LegSecurityID	Y	8	200	signed int	Instrument identifier of the leg security.						
623	>LegRatioQty	N	4	208	unsigned int	The ratio of quantity for this individual leg relative to the entire multileg security.						
600	>LegSymbol	N	4	212	signed int	Product identifier of the leg security (only applicable for underlying leg).						
609	>LegSecurityType	Y	1	216	unsigned int	Indicates type of leg. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Multileg Instrument</td> </tr> <tr> <td>2</td> <td>Underlying Leg</td> </tr> </tbody> </table>	Value	Description	1	Multileg Instrument	2	Underlying Leg
Value	Description											
1	Multileg Instrument											
2	Underlying Leg											
624	>LegSide	N	1	217	unsigned int	The side of the individual leg of a strategy as defined in its signature. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </tbody> </table>	Value	Description	1	Buy	2	Sell
Value	Description											
1	Buy											
2	Sell											
39060	>Pad6	U	6	218	Fixed String	not used						

14.5 SRQS Update Negotiation Request

This message is submitted by the requester in order to modify a SRQS negotiation. This message is sent to the service "Selective Request for Quote Service".



Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderIn></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10701 (Quote-Request, MsgType = R)
25028	NetworkMsgID	U	8	6	Fixed String	not used
39020	Pad2	U	2	14	Fixed String	not used
<i><RequestHeader></i>						
34	MsgSeqNum	Y	4	16	unsigned int	Message sequence number used by the participant for requests sent to the gateway.
50	SenderSubID	Y	4	20	unsigned int	User ID.
<i><Message Body></i>						
28759	QuoteRefPrice	N	8	24	PriceType	Underlying reference price for an option (for option strategies)
25149	UnderlyingDelta-Percentage	N	8	32	floatDecimal4	The effective underlying delta of a Vola-Strategy
132	BidPx	N	8	40	PriceType	Bid price/rate.
133	OfferPx	N	8	48	PriceType	Offer price/rate.
38	OrderQty	N	8	56	Qty	Total Order Quantity.
1300	MarketSegmentID	Y	4	64	signed int	Product identifier.
28758	NegotiationID	Y	4	68	unsigned int	ID of a SRQS negotiation
1461	NoTargetPartyIDs	Y	1	72	Counter	Number of TargetParties records.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
25145	NumberOfResp-DisclosureInstruction	Y	1	73	unsigned int	Instruction to show total number of Respondents in a SRQS event. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No</td> </tr> <tr> <td>1</td> <td>Yes</td> </tr> </tbody> </table>	Value	Description	0	No	1	Yes
Value	Description											
0	No											
1	Yes											
54	Side	N	1	74	unsigned int	Side of the order. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </tbody> </table>	Value	Description	1	Buy	2	Sell
Value	Description											
1	Buy											
2	Sell											
298	QuoteCancelType	N	1	75	unsigned int	Status of the SRQS negotiation: 4=Close. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>Cancel All Quotes</td> </tr> </tbody> </table>	Value	Description	4	Cancel All Quotes		
Value	Description											
4	Cancel All Quotes											
28760	QuoteRefPriceSource	N	1	76	unsigned int	Reference price type <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Underlying</td> </tr> <tr> <td>2</td> <td>Custom underlying price</td> </tr> </tbody> </table>	Value	Description	1	Underlying	2	Custom underlying price
Value	Description											
1	Underlying											
2	Custom underlying price											
22001	PartyExecutingFirm	Y	5	77	Fixed String	Owning business unit name. Valid characters: A-Z,0-9,\x20						
22012	PartyExecutingTrader	Y	6	82	Fixed String	Owning user name. Valid characters: A-Z,0-9,\x20						
<TargetParties>						Cardinality: 0-50, Record counter: No-TargetPartyIDs						
25130	>SideDisclosure-Instruction	Y	1	88	unsigned int	Instruction to show side. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No</td> </tr> <tr> <td>1</td> <td>Yes</td> </tr> </tbody> </table>	Value	Description	0	No	1	Yes
Value	Description											
0	No											
1	Yes											
25131	>PriceDisclosure-Instruction	Y	1	89	unsigned int	Instruction to show price. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No</td> </tr> <tr> <td>1</td> <td>Yes</td> </tr> </tbody> </table>	Value	Description	0	No	1	Yes
Value	Description											
0	No											
1	Yes											

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
25137	>LeavesQty- DisclosureInstruction	Y	1	90	unsigned int	Instruction to show leaves quantity. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No</td> </tr> <tr> <td>1</td> <td>Yes</td> </tr> </tbody> </table>	Value	Description	0	No	1	Yes
Value	Description											
0	No											
1	Yes											
25146	>LastPxDisclosure- Instruction	Y	1	91	unsigned int	Instruction to show last deal price. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No</td> </tr> <tr> <td>1</td> <td>Yes</td> </tr> </tbody> </table>	Value	Description	0	No	1	Yes
Value	Description											
0	No											
1	Yes											
25147	>LastQtyDisclosure- Instruction	Y	1	92	unsigned int	Instruction to show last deal quantity. Can only be set to 1 (Yes) if LastQty- DisclosureInstruction = 1(Yes) <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No</td> </tr> <tr> <td>1</td> <td>Yes</td> </tr> </tbody> </table>	Value	Description	0	No	1	Yes
Value	Description											
0	No											
1	Yes											
25138	>QuoteInstruction	Y	1	93	unsigned int	Quoting instruction. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Do not re-quote</td> </tr> <tr> <td>1</td> <td>(Re-)Quote</td> </tr> </tbody> </table>	Value	Description	0	Do not re-quote	1	(Re-)Quote
Value	Description											
0	Do not re-quote											
1	(Re-)Quote											
22601	>TargetParty- ExecutingFirm	Y	5	94	Fixed String	Name of target business unit. Valid characters: A-Z,0-9,\x20						
22602	>TargetParty- ExecutingTrader	Y	6	99	Fixed String	Name of target user/trader. Valid characters: A-Z,0-9,\x20						
39070	>Pad7	U	7	105	Fixed String	not used						

14.6 SRQS Negotiation Notification for Requester

This message informs the requester about SRQS negotiation updates.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
<i><MessageHeaderOut></i>												
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.						
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10712 (Quote-StatusReport, MsgType = AI)						
39020	Pad2	U	2	6	Fixed String	not used						
<i><RBCHeader></i>												
52	SendingTime	Y	8	8	UTCTimestamp	Gateway response out timestamp.						
1181	ApplSeqNum	Y	8	16	unsigned int	Application sequence number assigned to a non-order related T7 ETI data stream.						
28727	ApplSubID	N	4	24	unsigned int	Unique ID assigned by the T7 system during broadcast subscription in order to link broadcasts to the related subscription.						
5948	PartitionID	U	2	28	unsigned int	not used						
1352	ApplResendFlag	Y	1	30	unsigned int	Indicates a retransmission message. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>False</td> </tr> <tr> <td>1</td> <td>True</td> </tr> </tbody> </table>	Value	Description	0	False	1	True
Value	Description											
0	False											
1	True											
1180	ApplID	Y	1	31	unsigned int	Identifier for an ETI data stream. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>9</td> <td>SRQS Maintenance</td> </tr> </tbody> </table>	Value	Description	9	SRQS Maintenance		
Value	Description											
9	SRQS Maintenance											
893	LastFragment	Y	1	32	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	1	Last Message		
Value	Description											
1	Last Message											
39070	Pad7	U	7	33	Fixed String	not used						
<i><Message Body></i>												
60	TransactTime	Y	8	40	UTCTimestamp	Transaction timestamp.						
21001	TrdRegTSExecution-Time	N	8	48	UTCTimestamp	Time of the last SRQS Deal						

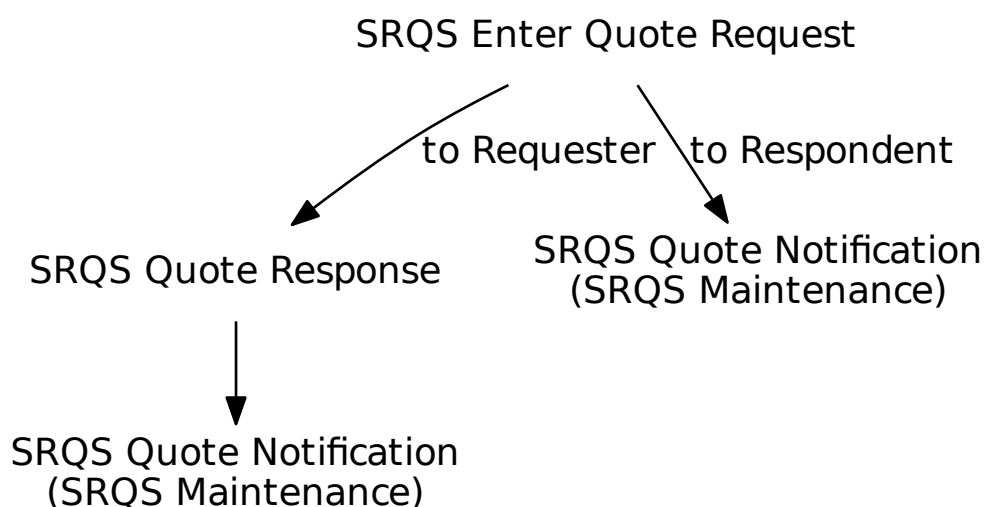
Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
28759	QuoteRefPrice	N	8	56	PriceType	Underlying reference price for an option (for option strategies)						
25149	UnderlyingDelta-Percentage	N	8	64	floatDecimal4	The effective underlying delta of a Vola-Strategy						
132	BidPx	N	8	72	PriceType	Bid price/rate.						
133	OfferPx	N	8	80	PriceType	Offer price/rate.						
38	OrderQty	N	8	88	Qty	Total quantity of the SRQS negotiation.						
31	LastPx	N	8	96	PriceType	Price of this fill.						
151	LeavesQty	N	8	104	Qty	Open quantity of the SRQS negotiation.						
32	LastQty	N	8	112	Qty	Quantity executed in this fill.						
28758	NegotiationID	Y	4	120	unsigned int	ID of a SRQS negotiation						
25150	NumberOf-Respondents	N	4	124	unsigned int	Total number of Respondents in a SRQS event.						
537	QuoteType	Y	1	128	unsigned int	Quote Type <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Indicative</td> </tr> <tr> <td>1</td> <td>Tradeable</td> </tr> </tbody> </table>	Value	Description	0	Indicative	1	Tradeable
Value	Description											
0	Indicative											
1	Tradeable											
538	QuoteSubType	N	1	129	unsigned int	Sub-type/qualifier of QuoteType <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Working Delta</td> </tr> </tbody> </table>	Value	Description	1	Working Delta		
Value	Description											
1	Working Delta											
297	QuoteStatus	Y	1	130	unsigned int	Status of the SRQS negotiation. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>6</td> <td>Removed</td> </tr> <tr> <td>16</td> <td>Active</td> </tr> </tbody> </table>	Value	Description	6	Removed	16	Active
Value	Description											
6	Removed											
16	Active											
1461	NoTargetPartyIDs	Y	1	131	Counter	Number of TargetParties records.						
25145	NumberOfResp-DisclosureInstruction	Y	1	132	unsigned int	Instruction to show total number of Respondents in a SRQS event. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No</td> </tr> <tr> <td>1</td> <td>Yes</td> </tr> </tbody> </table>	Value	Description	0	No	1	Yes
Value	Description											
0	No											
1	Yes											

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
54	Side	N	1	133	unsigned int	Side of the order. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </tbody> </table>	Value	Description	1	Buy	2	Sell
Value	Description											
1	Buy											
2	Sell											
28760	QuoteRefPriceSource	N	1	134	unsigned int	Reference price type <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Underlying</td> </tr> <tr> <td>2</td> <td>Custom underlying price</td> </tr> </tbody> </table>	Value	Description	1	Underlying	2	Custom underlying price
Value	Description											
1	Underlying											
2	Custom underlying price											
22001	PartyExecutingFirm	Y	5	135	Fixed String	Owning business unit name. Valid characters: A-Z,0-9,\x20						
22012	PartyExecutingTrader	Y	6	140	Fixed String	Owning user name. Valid characters: A-Z,0-9,\x20						
22036	PartyEnteringTrader	Y	6	146	Fixed String	The entering user Valid characters: A-Z,0-9,\x20						
28762	FirmNegotiationID	N	20	152	Fixed String	User defined ID of a SRQS negotiation Valid characters: \x01-\x7E						
39040	Pad4	U	4	172	Fixed String	not used						
<TargetParties>						Cardinality: 0-50, Record counter: No-TargetPartyIDs						
25130	>SideDisclosure-Instruction	Y	1	176	unsigned int	Instruction to show side. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No</td> </tr> <tr> <td>1</td> <td>Yes</td> </tr> </tbody> </table>	Value	Description	0	No	1	Yes
Value	Description											
0	No											
1	Yes											
25131	>PriceDisclosure-Instruction	Y	1	177	unsigned int	Instruction to show price. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No</td> </tr> <tr> <td>1</td> <td>Yes</td> </tr> </tbody> </table>	Value	Description	0	No	1	Yes
Value	Description											
0	No											
1	Yes											
25137	>LeavesQty-DisclosureInstruction	Y	1	178	unsigned int	Instruction to show leaves quantity. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No</td> </tr> <tr> <td>1</td> <td>Yes</td> </tr> </tbody> </table>	Value	Description	0	No	1	Yes
Value	Description											
0	No											
1	Yes											

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
25146	>LastPxDisclosure-Instruction	Y	1	179	unsigned int	Instruction to show last deal price. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No</td> </tr> <tr> <td>1</td> <td>Yes</td> </tr> </tbody> </table>	Value	Description	0	No	1	Yes
Value	Description											
0	No											
1	Yes											
25147	>LastQtyDisclosure-Instruction	Y	1	180	unsigned int	Instruction to show last deal quantity. Can only be set to 1 (Yes) if LastQty-DisclosureInstruction = 1(Yes) <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No</td> </tr> <tr> <td>1</td> <td>Yes</td> </tr> </tbody> </table>	Value	Description	0	No	1	Yes
Value	Description											
0	No											
1	Yes											
25138	>QuoteInstruction	Y	1	181	unsigned int	Quoting instruction. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Do not re-quote</td> </tr> <tr> <td>1</td> <td>(Re-)Quote</td> </tr> </tbody> </table>	Value	Description	0	Do not re-quote	1	(Re-)Quote
Value	Description											
0	Do not re-quote											
1	(Re-)Quote											
22601	>TargetParty-ExecutingFirm	Y	5	182	Fixed String	Name of target business unit. Valid characters: A-Z,0-9,\x20						
22602	>TargetParty-ExecutingTrader	Y	6	187	Fixed String	Name of target user/trader. Valid characters: A-Z,0-9,\x20						
39070	>Pad7	U	7	193	Fixed String	not used						

14.7 SRQS Enter Quote Request

This message is submitted by any (targeted) respondent within the context of a SRQS negotiation (in order to respond to a RfQ). This message is sent to the service "Selective Request for Quote Service".



Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderIn></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10702 (Quote-Request, MsgType = R)
25028	NetworkMsgID	U	8	6	Fixed String	not used
39020	Pad2	U	2	14	Fixed String	not used
<i><RequestHeader></i>						
34	MsgSeqNum	Y	4	16	unsigned int	Message sequence number used by the participant for requests sent to the gateway.
50	SenderSubID	Y	4	20	unsigned int	User ID.
<i><Message Body></i>						
132	BidPx	N	8	24	PriceType	Bid price/rate.
133	OfferPx	N	8	32	PriceType	Offer price/rate.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
810	UnderlyingPx	N	8	40	PriceType	Underlying price associate with a derivative instrument. To be set for TrdType (1001) EFP-Fin Trade [optional].						
25149	UnderlyingDelta-Percentage	N	8	48	floatDecimal4	The effective underlying delta of a Vola-Strategy						
134	BidSize	N	8	56	Qty	Quantity of bid.						
135	OfferSize	N	8	64	Qty	Quantity of offer.						
1300	MarketSegmentID	Y	4	72	signed int	Product identifier.						
28758	NegotiationID	Y	4	76	unsigned int	ID of a SRQS negotiation						
25127	ValueCheckType-Quantity	Y	1	80	unsigned int	Indicator for checking the maximum order/quote quantity by the exchange. <table border="1" data-bbox="991 943 1409 1070"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Do not check</td> </tr> <tr> <td>1</td> <td>Check</td> </tr> </tbody> </table>	Value	Description	0	Do not check	1	Check
Value	Description											
0	Do not check											
1	Check											
22001	PartyExecutingFirm	Y	5	81	Fixed String	Owning business unit name. Valid characters: A-Z,0-9,\x20						
22012	PartyExecutingTrader	Y	6	86	Fixed String	Owning user name. Valid characters: A-Z,0-9,\x20						
25007	FreeText1	N	12	92	Fixed String	First free-format text field for trader-specific or customer-related comments. Valid characters: \x20,\x23-\x25,\x28-\x2A,\x2C-\x3B,\x3F,\x41-\x5F,\x61-\x7B,\x7D,\x7E						

14.8 SRQS Quote Notification

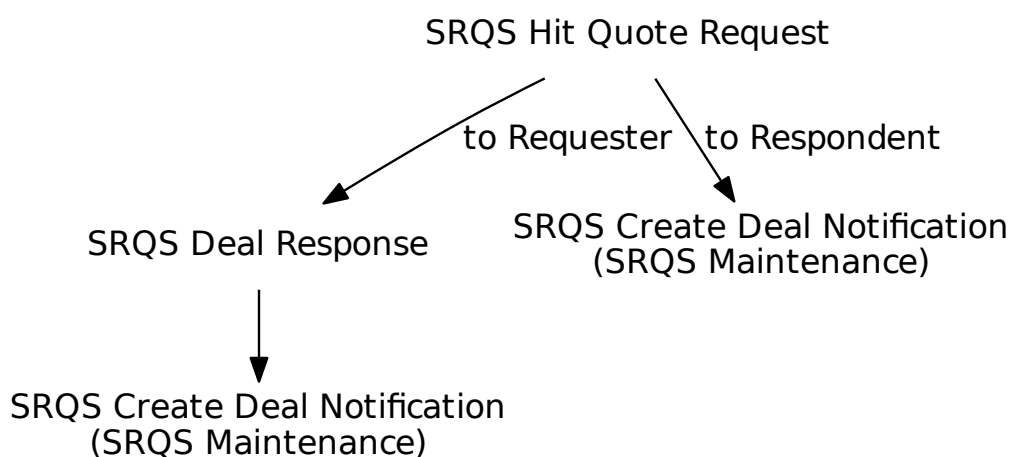
This message informs both, requester and quote submitting respondent about a quote entry within the context of a SRQS negotiation.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
<i><MessageHeaderOut></i>												
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.						
28500	TemplatelD	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10707 (Quote, MsgType = S)						
39020	Pad2	U	2	6	Fixed String	not used						
<i><RBCHheader></i>												
52	SendingTime	Y	8	8	UTCTimestamp	Gateway response out timestamp.						
1181	ApplSeqNum	Y	8	16	unsigned int	Application sequence number assigned to a non-order related T7 ETI data stream.						
28727	ApplSubID	N	4	24	unsigned int	Unique ID assigned by the T7 system during broadcast subscription in order to link broadcasts to the related subscription.						
5948	PartitionID	U	2	28	unsigned int	not used						
1352	ApplResendFlag	Y	1	30	unsigned int	Indicates a retransmission message. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>False</td> </tr> <tr> <td>1</td> <td>True</td> </tr> </tbody> </table>	Value	Description	0	False	1	True
Value	Description											
0	False											
1	True											
1180	ApplID	Y	1	31	unsigned int	Identifier for an ETI data stream. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>9</td> <td>SRQS Maintenance</td> </tr> </tbody> </table>	Value	Description	9	SRQS Maintenance		
Value	Description											
9	SRQS Maintenance											
893	LastFragment	Y	1	32	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	1	Last Message		
Value	Description											
1	Last Message											
39070	Pad7	U	7	33	Fixed String	not used						
<i><Message Body></i>												
60	TransactTime	Y	8	40	UTCTimestamp	Transaction timestamp.						
117	QuoteID	N	8	48	unsigned int	System defined quote identifier.						
1751	SecondaryQuoteID	N	8	56	unsigned int	Identifier of the replaced quote.						

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
132	BidPx	N	8	64	PriceType	Bid price/rate.
134	BidSize	N	8	72	Qty	Quantity of bid.
133	OfferPx	N	8	80	PriceType	Offer price/rate.
135	OfferSize	N	8	88	Qty	Quantity of offer.
810	UnderlyingPx	N	8	96	PriceType	Underlying price associate with a derivative instrument. To be set for TrdType (1001) EFP-Fin Trade [optional].
25149	UnderlyingDelta-Percentage	N	8	104	floatDecimal4	The effective underlying delta of a Vola-Strategy
28758	NegotiationID	Y	4	112	unsigned int	ID of a SRQS negotiation
22001	PartyExecutingFirm	Y	5	116	Fixed String	Owning business unit name. Valid characters: A-Z,0-9,\x20
22012	PartyExecutingTrader	Y	6	121	Fixed String	Owning user name. Valid characters: A-Z,0-9,\x20
22036	PartyEnteringTrader	Y	6	127	Fixed String	The entering user Valid characters: A-Z,0-9,\x20
131	QuoteReqID	N	20	133	Fixed String	SRQS negotiation report ID Valid characters: \x01-\x7E
25007	FreeText1	N	12	153	Fixed String	First free-format text field for trader-specific or customer-related comments. Valid characters: \x20,\x23-\x25,\x28-\x2A,\x2C-\x3B,\x3F,\x41-\x5F,\x61-\x7B,\x7D,\x7E
39030	Pad3	U	3	165	Fixed String	not used

14.9 SRQS Hit Quote Request

The message is submitted by the requester in order to create a SRQS deal by targeting a specific quote side of one of the respondents. This message is sent to the service "Selective Request for Quote Service".



Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderIn></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplatID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10704 (Quote-Response, MsgType = AJ)
25028	NetworkMsgID	U	8	6	Fixed String	not used
39020	Pad2	U	2	14	Fixed String	not used
<i><RequestHeader></i>						
34	MsgSeqNum	Y	4	16	unsigned int	Message sequence number used by the participant for requests sent to the gateway.
50	SenderSubID	Y	4	20	unsigned int	User ID.
<i><Message Body></i>						
117	QuoteID	Y	8	24	unsigned int	System defined quote identifier.
38	OrderQty	Y	8	32	Qty	Quantity of the SRQS deal.
62	ValidUntilTime	N	8	40	UTCTimestamp	Time until a message is valid.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
879	UnderlyingQty	N	8	48	Qty	Nominal value. To be set for Trdtype (12) Exchange for Swap [mandatory], (1001) EFP-Fin Trade [mandatory] and (1002) EFP-Index Futures Trade [mandatory].						
30889	UnderlyingPriceStip-Value	N	8	56	PriceType	Limit price for the underlying price						
1300	MarketSegmentID	Y	4	64	signed int	Product identifier.						
28758	NegotiationID	Y	4	68	unsigned int	ID of a SRQS negotiation						
54	Side	Y	1	72	unsigned int	Side of the order. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </tbody> </table>	Value	Description	1	Buy	2	Sell
Value	Description											
1	Buy											
2	Sell											
25127	ValueCheckType-Quantity	Y	1	73	unsigned int	Indicator for checking the maximum order/quote quantity by the exchange. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Do not check</td> </tr> <tr> <td>1</td> <td>Check</td> </tr> </tbody> </table>	Value	Description	0	Do not check	1	Check
Value	Description											
0	Do not check											
1	Check											
22001	PartyExecutingFirm	Y	5	74	Fixed String	Owning business unit name. Valid characters: A-Z,0-9,\x20						
22012	PartyExecutingTrader	Y	6	79	Fixed String	Owning user name. Valid characters: A-Z,0-9,\x20						
1041	FirmTradeID	N	20	85	Fixed String	User defined deal ID Valid characters: \x01-\x7E						
25007	FreeText1	N	12	105	Fixed String	First free-format text field for trader-specific or customer-related comments. Valid characters: \x20,\x23-\x25,\x28-\x2A,\x2C-\x3B,\x3F,\x41-\x5F,\x61-\x7B,\x7D,\x7E						
39030	Pad3	U	3	117	Fixed String	not used						

14.10 SRQS Deal Response

This message confirms the SRQS Hit Quote and SRQS Update Deal requests.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderOut></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10705 (QuoteAck, MsgType = CW)
39020	Pad2	U	2	6	Fixed String	not used
<i><ResponseHeader></i>						
5979	RequestTime	Y	8	8	UTCTimestamp	Gateway request in timestamp.
52	SendingTime	Y	8	16	UTCTimestamp	Gateway response out timestamp.
34	MsgSeqNum	Y	4	24	unsigned int	Message sequence number used by the participant for requests sent to the gateway.
39040	Pad4	U	4	28	Fixed String	not used
<i><Message Body></i>						
48	SecurityID	N	8	32	signed int	Instrument identifier.
117	QuoteID	N	8	40	unsigned int	Customer defined mass quote identifier.
28758	NegotiationID	Y	4	48	unsigned int	ID of a SRQS negotiation
1003	TradeID	N	4	52	unsigned int	System defined SRQS deal identifier.
1040	SecondaryTradeID	N	4	56	unsigned int	Second system defined SRQS deal identifier. Please refer to the functional reference for the details.
1041	FirmTradeID	N	20	60	Fixed String	User defined deal ID Valid characters: \x01-\x7E
28762	FirmNegotiationID	N	20	80	Fixed String	User defined ID of a SRQS negotiation Valid characters: \x01-\x7E
39040	Pad4	U	4	100	Fixed String	not used

14.11 SRQS Create Deal Notification

This message informs both, requester and respondent about the creation of a SRQS deal.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
<i><MessageHeaderOut></i>												
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.						
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10708 (Trade-CaptureReport, MsgType = AE)						
39020	Pad2	U	2	6	Fixed String	not used						
<i><RBCHeader></i>												
52	SendingTime	Y	8	8	UTCTimestamp	Gateway response out timestamp.						
1181	ApplSeqNum	Y	8	16	unsigned int	Application sequence number assigned to a non-order related T7 ETI data stream.						
28727	ApplSubID	N	4	24	unsigned int	Unique ID assigned by the T7 system during broadcast subscription in order to link broadcasts to the related subscription.						
5948	PartitionID	U	2	28	unsigned int	not used						
1352	ApplResendFlag	Y	1	30	unsigned int	Indicates a retransmission message. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>False</td> </tr> <tr> <td>1</td> <td>True</td> </tr> </tbody> </table>	Value	Description	0	False	1	True
Value	Description											
0	False											
1	True											
1180	ApplID	Y	1	31	unsigned int	Identifier for an ETI data stream. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>9</td> <td>SRQS Maintenance</td> </tr> </tbody> </table>	Value	Description	9	SRQS Maintenance		
Value	Description											
9	SRQS Maintenance											
893	LastFragment	Y	1	32	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	1	Last Message		
Value	Description											
1	Last Message											
39070	Pad7	U	7	33	Fixed String	not used						
<i><Message Body></i>												
60	TransactTime	Y	8	40	UTCTimestamp	Transaction timestamp.						
31	LastPx	Y	8	48	PriceType	Price of this fill.						
32	LastQty	Y	8	56	Qty	Quantity of the SRQS deal.						

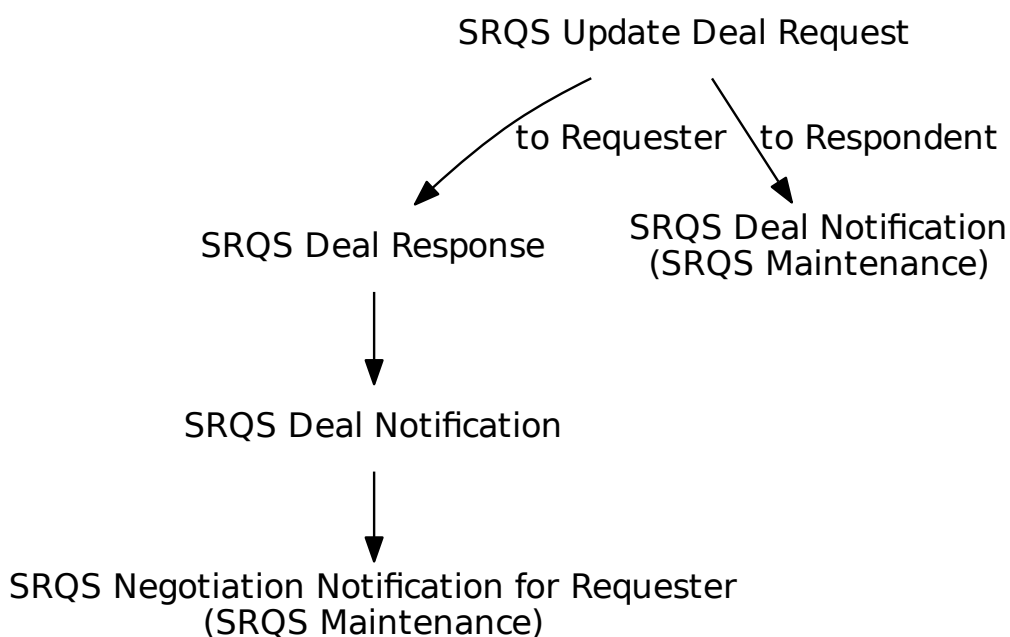
Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
117	QuoteID	Y	8	64	unsigned int	Customer defined mass quote identifier.						
48	SecurityID	N	8	72	signed int	Instrument identifier.						
126	ExpireTime	N	8	80	UTCTimestamp	Time a message expires.						
810	UnderlyingPx	N	8	88	PriceType	Underlying price associate with a derivative instrument. To be set for TrdType (1001) EFP-Fin Trade [optional].						
25149	UnderlyingDelta-Percentage	N	8	96	floatDecimal4	The effective underlying delta of a Vola-Strategy						
25151	UnderlyingEffective-DeltaPercentage	N	8	104	floatDecimal4	The effective underlying delta of a Vola-Strategy						
879	UnderlyingQty	N	8	112	Qty	Nominal value. To be set for Trdtype (12) Exchange for Swap [mandatory], (1001) EFP-Fin Trade [mandatory]and (1002) EFP-Index Futures Trade [mandatory].						
30889	UnderlyingPriceStip-Value	N	8	120	PriceType	Limit price for the underlying price						
28758	NegotiationID	Y	4	128	unsigned int	ID of a SRQS negotiation						
1003	TradeID	Y	4	132	unsigned int	System defined SRQS deal ID.						
1126	OrigTradeID	N	4	136	unsigned int	In case of a trade reversal/modification this field provides the original trade identifier.						
939	TrdRptStatus	Y	1	140	unsigned int	SRQS deal status. <table border="1" data-bbox="991 1469 1409 1599"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Accepted</td> </tr> <tr> <td>4</td> <td>Pending new</td> </tr> </tbody> </table>	Value	Description	0	Accepted	4	Pending new
Value	Description											
0	Accepted											
4	Pending new											

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
856	TradeReportType	N	1	141	unsigned int	<p>Identifies the type of trade notification.</p> <p>The values 1 (= Alleged) and 5 (= No/Was) can occur only in the context of Total Return/Variance/TARP/MoC Futures, where 'Alleged' represents the preliminary Trade Report during the business day and 'No/Was' is the final Trade Report at the end of the business day.</p> <p>The values 2 (=Accept), 6 (=Trade Report Cancel), 11 (=Alleged New), and 13 (=Alleged No/Was) can occur only in the context of TES.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>No/Was (Replaced)</td> </tr> </tbody> </table>	Value	Description	5	No/Was (Replaced)		
Value	Description											
5	No/Was (Replaced)											
1011	MessageEventSource	Y	1	142	char	<p>Receiver of a message.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>R</td> <td>Broadcast to requestor</td> </tr> <tr> <td>Q</td> <td>Broadcast to quote submitter</td> </tr> </tbody> </table>	Value	Description	R	Broadcast to requestor	Q	Broadcast to quote submitter
Value	Description											
R	Broadcast to requestor											
Q	Broadcast to quote submitter											
54	Side	Y	1	143	unsigned int	<p>Side of the order.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </tbody> </table>	Value	Description	1	Buy	2	Sell
Value	Description											
1	Buy											
2	Sell											
28769	NoOrderBookItems	Y	1	144	Counter							
22401	RootPartyExecuting-Firm	Y	5	145	Fixed String	<p>Business unit name of the requester.</p> <p>Valid characters: \x20,\x22-\x7B,\x7D,\x7E</p>						
22412	RootPartyExecuting-Trader	Y	6	150	Fixed String	<p>Owning trader name of the SRQS negotiation.</p> <p>Valid characters: \x20,\x22-\x7B,\x7D,\x7E</p>						
22436	RootPartyEntering-Trader	Y	6	156	Fixed String	<p>Entering trader name of the requester.</p> <p>Valid characters: \x20,\x22-\x7B,\x7D,\x7E</p>						
22601	TargetPartyExecuting-Firm	Y	5	162	Fixed String	<p>Name of the target business unit.</p> <p>Valid characters: A-Z,0-9,\x20</p>						

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
22602	TargetPartyExecuting- Trader	Y	6	167	Fixed String	Name of the target trader name. Valid characters: A-Z,0-9,\x20						
1041	FirmTradeID	N	20	173	Fixed String	User defined deal ID Valid characters: \x01-\x7E						
28762	FirmNegotiationID	N	20	193	Fixed String	User defined ID of a SRQS negotiation Valid characters: \x01-\x7E						
25007	FreeText1	N	12	213	Fixed String	First free-format text field for trader-specific or customer-related comments. Valid characters: \x20,\x23-\x25, \x28-\x2A,\x2C-\x3B,\x3F, \x41-\x5F,\x61-\x7B,\x7D,\x7E						
39070	Pad7	U	7	225	Fixed String	not used						
<i><OrderBookItemGrp></i>						<i>Cardinality: 0-24, Record counter: No- OrderBookItems</i>						
48	>SecurityID	Y	8	232	signed int	Instrument identifier.						
25132	>BestBidPx	N	8	240	PriceType	On-book trading best bid price						
25134	>BestBidSize	N	8	248	Qty	On-book trading best bid quantity						
25133	>BestOfferPx	N	8	256	PriceType	On-book trading best offer price						
25135	>BestOfferSize	N	8	264	Qty	On-book trading best ask quantity						
1024	>MDBookType	Y	1	272	unsigned int	Type of market data <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Top of book</td> </tr> <tr> <td>2</td> <td>Price depth (aggregated)</td> </tr> </tbody> </table>	Value	Description	1	Top of book	2	Price depth (aggregated)
Value	Description											
1	Top of book											
2	Price depth (aggregated)											
1173	>MDSubBookType	N	1	273	unsigned int	Sub-type/qualifier of market data <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Implied</td> </tr> </tbody> </table>	Value	Description	1	Implied		
Value	Description											
1	Implied											
39060	>Pad6	U	6	274	Fixed String	not used						

14.12 SRQS Update Deal Request

This message is used to change the state of a SRQS deal. The message flow below does not reflect "working delta". Please refer to the appendix for more details. This message is sent to the service "Selective Request for Quote Service".



Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
<i><MessageHeaderIn></i>						
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10706 (Trade-CaptureReport, MsgType = AE)
25028	NetworkMsgID	U	8	6	Fixed String	not used
39020	Pad2	U	2	14	Fixed String	not used
<i><RequestHeader></i>						
34	MsgSeqNum	Y	4	16	unsigned int	Message sequence number used by the participant for requests sent to the gateway.
50	SenderSubID	Y	4	20	unsigned int	User ID.
<i><Message Body></i>						
30889	UnderlyingPriceStip-Value	N	8	24	PriceType	Limit price for the underlying price

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description								
810	UnderlyingPx	N	8	32	PriceType	Underlying price associate with a derivative instrument. To be set for TrdType (1001) EFP-Fin Trade [optional].								
1300	MarketSegmentID	Y	4	40	signed int	Product identifier.								
28758	NegotiationID	Y	4	44	unsigned int	ID of a SRQS negotiation								
1003	TradeID	Y	4	48	unsigned int	System defined SRQS deal ID.								
39040	Pad4	U	4	52	Fixed String	not used								
32	LastQty	N	8	56	Qty	Quantity executed in this fill.								
856	TradeReportType	Y	1	64	unsigned int	Status of the SRQS deal. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Accept</td> </tr> <tr> <td>3</td> <td>Decline</td> </tr> <tr> <td>6</td> <td>Trade Report Cancel</td> </tr> </tbody> </table>	Value	Description	2	Accept	3	Decline	6	Trade Report Cancel
Value	Description													
2	Accept													
3	Decline													
6	Trade Report Cancel													
939	TrdRptStatus	N	1	65	unsigned int	Trade Report status <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Accepted</td> </tr> <tr> <td>9</td> <td>Deemed verified</td> </tr> </tbody> </table>	Value	Description	0	Accepted	9	Deemed verified		
Value	Description													
0	Accepted													
9	Deemed verified													
22001	PartyExecutingFirm	Y	5	66	Fixed String	Owning business unit name. Valid characters: A-Z,0-9,\x20								
22012	PartyExecutingTrader	Y	6	71	Fixed String	Owning user name. Valid characters: A-Z,0-9,\x20								
39030	Pad3	U	3	77	Fixed String	not used								

14.13 SRQS Deal Notification

This message informs about the change of a SRQS deal state.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
<i><MessageHeaderOut></i>												
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.						
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10709 (Trade-CaptureReport, MsgType = AE)						
39020	Pad2	U	2	6	Fixed String	not used						
<i><RBCHeader></i>												
52	SendingTime	Y	8	8	UTCTimestamp	Gateway response out timestamp.						
1181	ApplSeqNum	Y	8	16	unsigned int	Application sequence number assigned to a non-order related T7 ETI data stream.						
28727	ApplSubID	N	4	24	unsigned int	Unique ID assigned by the T7 system during broadcast subscription in order to link broadcasts to the related subscription.						
5948	PartitionID	U	2	28	unsigned int	not used						
1352	ApplResendFlag	Y	1	30	unsigned int	Indicates a retransmission message. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>False</td> </tr> <tr> <td>1</td> <td>True</td> </tr> </tbody> </table>	Value	Description	0	False	1	True
Value	Description											
0	False											
1	True											
1180	ApplID	Y	1	31	unsigned int	Identifier for an ETI data stream. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>9</td> <td>SRQS Maintenance</td> </tr> </tbody> </table>	Value	Description	9	SRQS Maintenance		
Value	Description											
9	SRQS Maintenance											
893	LastFragment	Y	1	32	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	1	Last Message		
Value	Description											
1	Last Message											
39070	Pad7	U	7	33	Fixed String	not used						
<i><Message Body></i>												
60	TransactTime	Y	8	40	UTCTimestamp	Transaction timestamp.						
30889	UnderlyingPriceStip-Value	N	8	48	PriceType	Limit price for the underlying price						

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description												
810	UnderlyingPx	N	8	56	PriceType	Underlying price associate with a derivative instrument. To be set for TrdType (1001) EFP-Fin Trade [optional].												
31	LastPx	N	8	64	PriceType	Price of this fill.												
28758	NegotiationID	Y	4	72	unsigned int	ID of a SRQS negotiation												
1003	TradeID	Y	4	76	unsigned int	System defined SRQS deal ID.												
32	LastQty	N	8	80	Qty	Quantity executed in this fill.												
939	TrdRptStatus	Y	1	88	unsigned int	Status of the SRQS deal. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Accepted</td> </tr> <tr> <td>1</td> <td>Rejected</td> </tr> <tr> <td>2</td> <td>Cancelled</td> </tr> <tr> <td>7</td> <td>Terminated</td> </tr> <tr> <td>9</td> <td>Deemed verified</td> </tr> </tbody> </table>	Value	Description	0	Accepted	1	Rejected	2	Cancelled	7	Terminated	9	Deemed verified
Value	Description																	
0	Accepted																	
1	Rejected																	
2	Cancelled																	
7	Terminated																	
9	Deemed verified																	
1011	MessageEventSource	Y	1	89	char	Receiver of a message. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>R</td> <td>Broadcast to requestor</td> </tr> <tr> <td>Q</td> <td>Broadcast to quote submitter</td> </tr> </tbody> </table>	Value	Description	R	Broadcast to requestor	Q	Broadcast to quote submitter						
Value	Description																	
R	Broadcast to requestor																	
Q	Broadcast to quote submitter																	
22401	RootPartyExecuting-Firm	N	5	90	Fixed String	Name of the requester business unit. Valid characters: \x20,\x22-\x7B,\x7D,\x7E												
22412	RootPartyExecuting-Trader	N	6	95	Fixed String	Name of the owning trader of the SRQS negotiation. Valid characters: \x20,\x22-\x7B,\x7D,\x7E												
22436	RootPartyEntering-Trader	N	6	101	Fixed String	Name of the entering trader. Valid characters: \x20,\x22-\x7B,\x7D,\x7E												
22601	TargetPartyExecuting-Firm	N	5	107	Fixed String	Name of target business unit. Valid characters: A-Z,0-9,\x20												
22602	TargetPartyExecuting-Trader	N	6	112	Fixed String	Name of target user/trader. Valid characters: A-Z,0-9,\x20												
22636	TargetPartyEntering-Trader	N	6	118	Fixed String	Name of target user/trader. Valid characters: A-Z,0-9,\x20												
1041	FirmTradeID	N	20	124	Fixed String	User defined deal ID Valid characters: \x01-\x7E												

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
28762	FirmNegotiationID	N	20	144	Fixed String	User defined ID of a SRQS negotiation Valid characters: \x01-\x7E
39040	Pad4	U	4	164	Fixed String	not used

14.14 SRQS Negotiation Status Notification

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
<i><MessageHeaderOut></i>												
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.						
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10715 (Quote-StatusReport, MsgType = AI)						
39020	Pad2	U	2	6	Fixed String	not used						
<i><RBCHheader></i>												
52	SendingTime	Y	8	8	UTCTimestamp	Gateway response out timestamp.						
1181	AppISeqNum	Y	8	16	unsigned int	Application sequence number assigned to a non-order related T7 ETI data stream.						
28727	AppISubID	N	4	24	unsigned int	Unique ID assigned by the T7 system during broadcast subscription in order to link broadcasts to the related subscription.						
5948	PartitionID	U	2	28	unsigned int	not used						
1352	AppIResendFlag	Y	1	30	unsigned int	Indicates a retransmission message. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>False</td> </tr> <tr> <td>1</td> <td>True</td> </tr> </tbody> </table>	Value	Description	0	False	1	True
Value	Description											
0	False											
1	True											
1180	AppIID	Y	1	31	unsigned int	Identifier for an ETI data stream. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>9</td> <td>SRQS Maintenance</td> </tr> </tbody> </table>	Value	Description	9	SRQS Maintenance		
Value	Description											
9	SRQS Maintenance											
893	LastFragment	Y	1	32	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	1	Last Message		
Value	Description											
1	Last Message											
39070	Pad7	U	7	33	Fixed String	not used						
<i><Message Body></i>												
60	TransactTime	Y	8	40	UTCTimestamp	Transaction timestamp.						
28758	NegotiationID	Y	4	48	unsigned int	ID of a SRQS negotiation						

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description				
297	QuoteStatus	Y	1	52	unsigned int	Identifies the status of the quote acknowledgement. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>7</td> <td>Expired</td> </tr> </tbody> </table>	Value	Description	7	Expired
Value	Description									
7	Expired									
28762	FirmNegotiationID	N	20	53	Fixed String	User defined ID of a SRQS negotiation Valid characters: \x01-\x7E				
39070	Pad7	U	7	73	Fixed String	not used				

14.15 SRQS Negotiation Notification for Respondent

This message informs the targeted respondents about SRQS negotiation updates.

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
<i><MessageHeaderOut></i>												
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.						
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10713 (Quote-StatusReport, MsgType = AI)						
39020	Pad2	U	2	6	Fixed String	not used						
<i><RBCHeader></i>												
52	SendingTime	Y	8	8	UTCTimestamp	Gateway response out timestamp.						
1181	ApplSeqNum	Y	8	16	unsigned int	Application sequence number assigned to a non-order related T7 ETI data stream.						
28727	ApplSubID	N	4	24	unsigned int	Unique ID assigned by the T7 system during broadcast subscription in order to link broadcasts to the related subscription.						
5948	PartitionID	U	2	28	unsigned int	not used						
1352	ApplResendFlag	Y	1	30	unsigned int	Indicates a retransmission message. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>False</td> </tr> <tr> <td>1</td> <td>True</td> </tr> </tbody> </table>	Value	Description	0	False	1	True
Value	Description											
0	False											
1	True											
1180	ApplID	Y	1	31	unsigned int	Identifier for an ETI data stream. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>9</td> <td>SRQS Maintenance</td> </tr> </tbody> </table>	Value	Description	9	SRQS Maintenance		
Value	Description											
9	SRQS Maintenance											
893	LastFragment	Y	1	32	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	1	Last Message		
Value	Description											
1	Last Message											
39070	Pad7	U	7	33	Fixed String	not used						
<i><Message Body></i>												
60	TransactTime	Y	8	40	UTCTimestamp	Transaction timestamp.						
28759	QuoteRefPrice	N	8	48	PriceType	Underlying reference price for an option (for option strategies)						

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
25149	UnderlyingDelta-Percentage	N	8	56	floatDecimal4	The effective underlying delta of a Vola-Strategy						
132	BidPx	N	8	64	PriceType	Bid price/rate.						
133	OfferPx	N	8	72	PriceType	Offer price/rate.						
31	LastPx	N	8	80	PriceType	Price of this fill.						
151	LeavesQty	N	8	88	Qty	Open quantity of the SRQS negotiation.						
32	LastQty	N	8	96	Qty	Quantity executed in this fill.						
28758	NegotiationID	Y	4	104	unsigned int	ID of a SRQS negotiation						
25150	NumberOf-Respondents	N	4	108	unsigned int	Total number of Respondents in a SRQS event.						
537	QuoteType	Y	1	112	unsigned int	Quote Type <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Indicative</td> </tr> <tr> <td>1</td> <td>Tradeable</td> </tr> </tbody> </table>	Value	Description	0	Indicative	1	Tradeable
Value	Description											
0	Indicative											
1	Tradeable											
538	QuoteSubType	N	1	113	unsigned int	Sub-type/qualifier of QuoteType <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Working Delta</td> </tr> </tbody> </table>	Value	Description	1	Working Delta		
Value	Description											
1	Working Delta											
297	QuoteStatus	Y	1	114	unsigned int	Status of the SRQS negotiation. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>6</td> <td>Removed</td> </tr> <tr> <td>16</td> <td>Active</td> </tr> </tbody> </table>	Value	Description	6	Removed	16	Active
Value	Description											
6	Removed											
16	Active											
25138	QuoteInstruction	Y	1	115	unsigned int	Quoting instruction. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Do not re-quote</td> </tr> <tr> <td>1</td> <td>(Re-)Quote</td> </tr> </tbody> </table>	Value	Description	0	Do not re-quote	1	(Re-)Quote
Value	Description											
0	Do not re-quote											
1	(Re-)Quote											
54	Side	N	1	116	unsigned int	Side of the order. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </tbody> </table>	Value	Description	1	Buy	2	Sell
Value	Description											
1	Buy											
2	Sell											
28760	QuoteRefPriceSource	N	1	117	unsigned int	Reference price type <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Underlying</td> </tr> <tr> <td>2</td> <td>Custom underlying price</td> </tr> </tbody> </table>	Value	Description	1	Underlying	2	Custom underlying price
Value	Description											
1	Underlying											
2	Custom underlying price											

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description
22001	PartyExecutingFirm	Y	5	118	Fixed String	Owning business unit name. Valid characters: A-Z,0-9,\x20
22012	PartyExecutingTrader	Y	6	123	Fixed String	Owning user name. Valid characters: A-Z,0-9,\x20
22036	PartyEnteringTrader	Y	6	129	Fixed String	The entering user Valid characters: A-Z,0-9,\x20
22601	TargetPartyExecuting-Firm	Y	5	135	Fixed String	Name of target business unit. Valid characters: A-Z,0-9,\x20
22602	TargetPartyExecuting-Trader	Y	6	140	Fixed String	Name of target user/trader. Valid characters: A-Z,0-9,\x20
28762	FirmNegotiationID	N	20	146	Fixed String	User defined ID of a SRQS negotiation Valid characters: \x01-\x7E
39020	Pad2	U	2	166	Fixed String	not used

14.16 SRQS Status Notification

The SRQS Status Notification informs about SRQS service state changes. TradSesEvent set to either 105 (Service Resumed) or 104 (End of Service) implies that the open SRQS Negotiations are not accessible anymore and should be treated by the ETI applications as closed. The existing SRQS Quotes are not longer accessible and should be treated by ETI applications as deleted. The pending SRQS Deals cannot be accepted or rejected and should be treated by ETI applications as rejected.

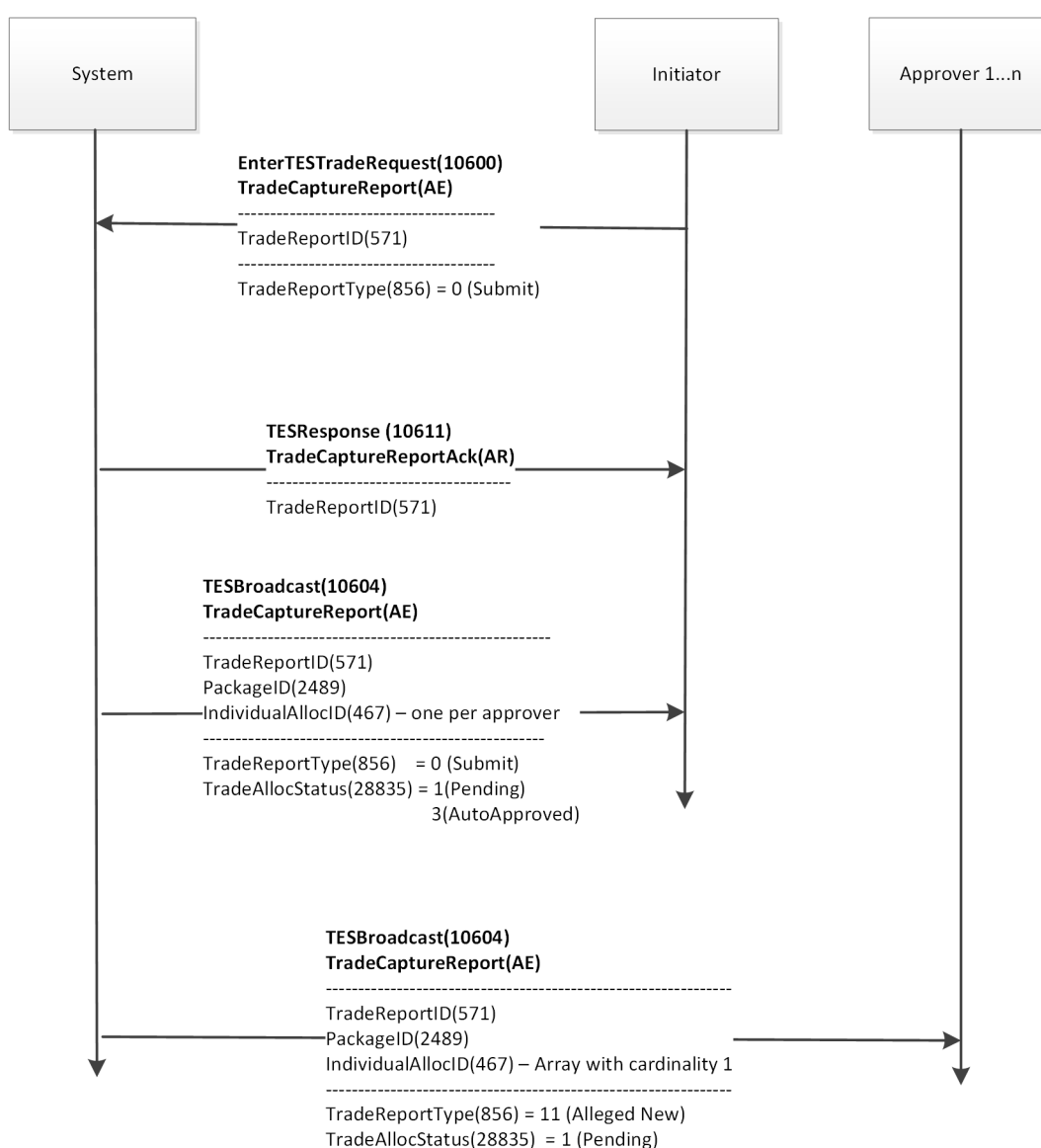
Tag	Field Name	Req'd	Len	Ofs	Data Type	Description						
<i><MessageHeaderOut></i>												
9	BodyLen	Y	4	0	unsigned int	Number of bytes for the message, including this field.						
28500	TemplateID	Y	2	4	unsigned int	Unique identifier for a T7 ETI message layout. Value: 10714 (Quote-StatusReport, MsgType = AI)						
39020	Pad2	U	2	6	Fixed String	not used						
<i><RBCHeader></i>												
52	SendingTime	Y	8	8	UTCTimestamp	Gateway response out timestamp.						
1181	ApplSeqNum	Y	8	16	unsigned int	Application sequence number assigned to a non-order related T7 ETI data stream.						
28727	ApplSubID	N	4	24	unsigned int	Unique ID assigned by the T7 system during broadcast subscription in order to link broadcasts to the related subscription.						
5948	PartitionID	U	2	28	unsigned int	not used						
1352	ApplResendFlag	Y	1	30	unsigned int	Indicates a retransmission message. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>False</td> </tr> <tr> <td>1</td> <td>True</td> </tr> </tbody> </table>	Value	Description	0	False	1	True
Value	Description											
0	False											
1	True											
1180	ApplIID	Y	1	31	unsigned int	Identifier for an ETI data stream. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>9</td> <td>SRQS Maintenance</td> </tr> </tbody> </table>	Value	Description	9	SRQS Maintenance		
Value	Description											
9	SRQS Maintenance											
893	LastFragment	Y	1	32	unsigned int	Indicates whether this message is the last fragment (part) of a sequence of messages belonging to one dedicated transaction. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Last Message</td> </tr> </tbody> </table>	Value	Description	1	Last Message		
Value	Description											
1	Last Message											
39070	Pad7	U	7	33	Fixed String	not used						
<i><Message Body></i>												

Tag	Field Name	Req'd	Len	Ofs	Data Type	Description								
75	TradeDate	N	4	40	LocalMktDate	Business date.								
1368	TradSesEvent	Y	1	44	unsigned int	Trading session event type. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>101</td> <td>Start of Service</td> </tr> <tr> <td>104</td> <td>End of Service</td> </tr> <tr> <td>105</td> <td>Service Resumed</td> </tr> </tbody> </table>	Value	Description	101	Start of Service	104	End of Service	105	Service Resumed
Value	Description													
101	Start of Service													
104	End of Service													
105	Service Resumed													
39030	Pad3	U	3	45	Fixed String	not used								

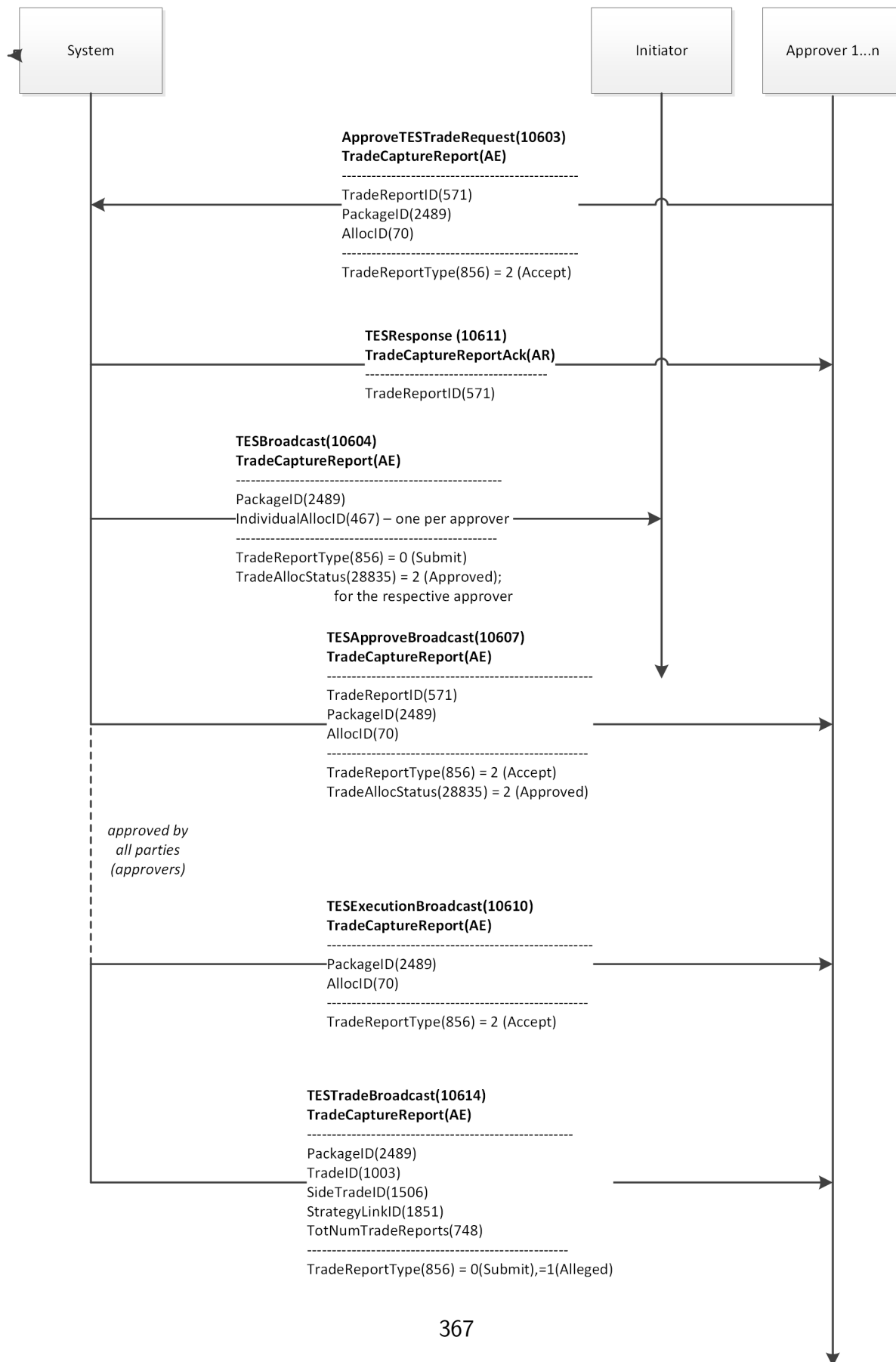
A Appendix

A.1 T7 Entry Service Message Flow

ETI: Message flow for EnterTESTradeRequest

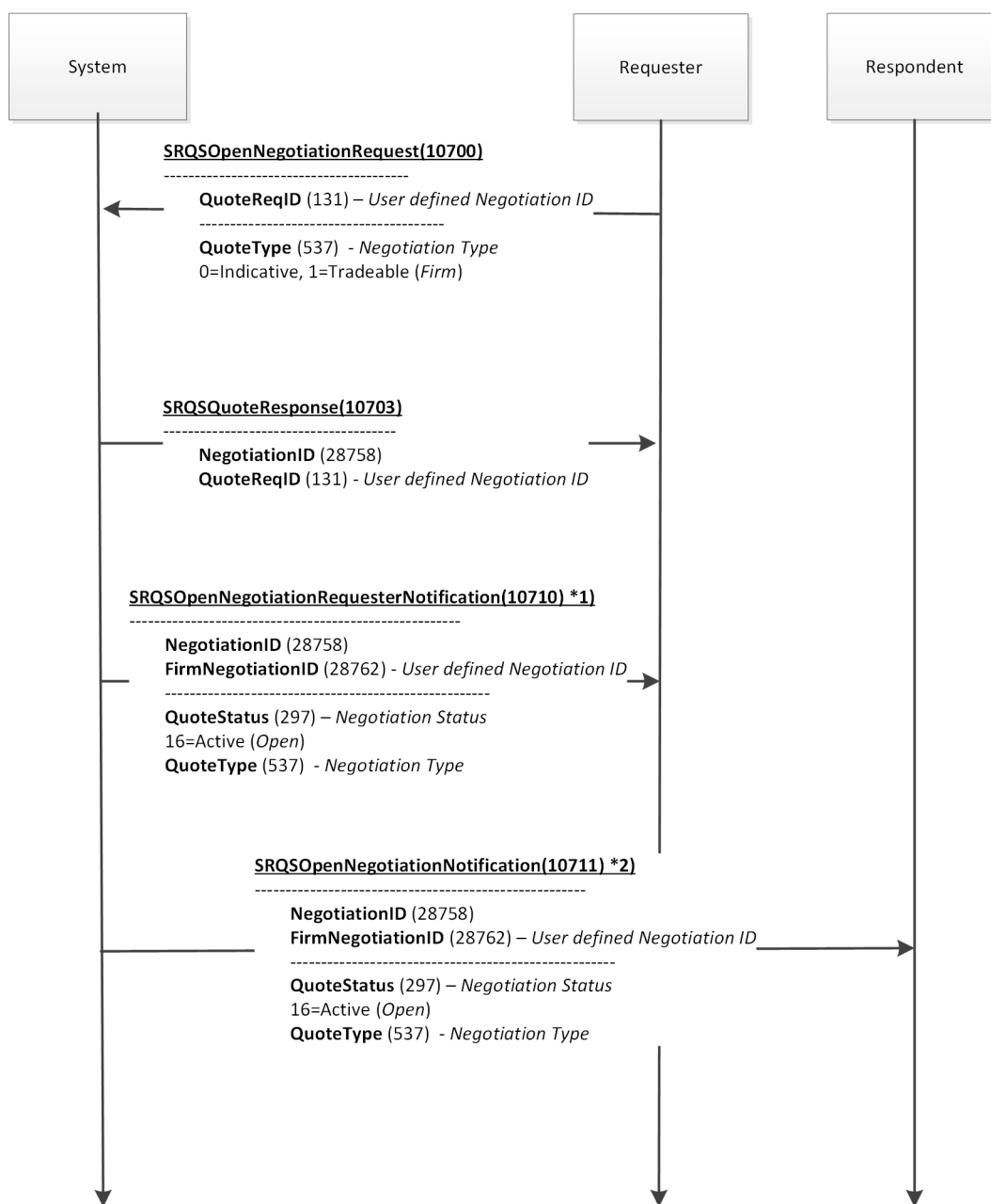


ETI: Message flow for ApproveTESTradeRequest



A.2 SRQS Message Flows

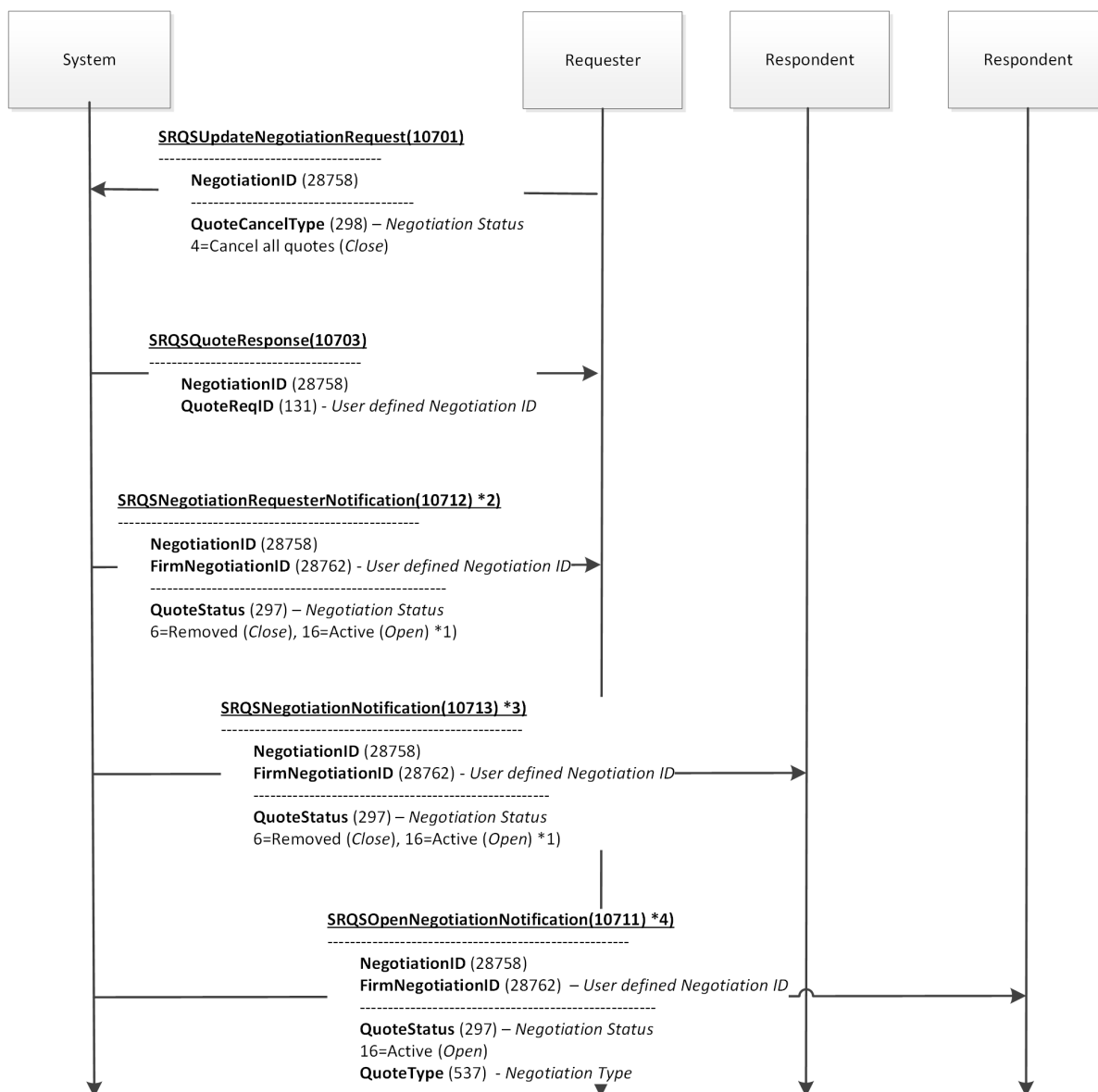
ETI: Message flow for SRQS Open Negotiation



*1) to the business unit of the negotiation related requester

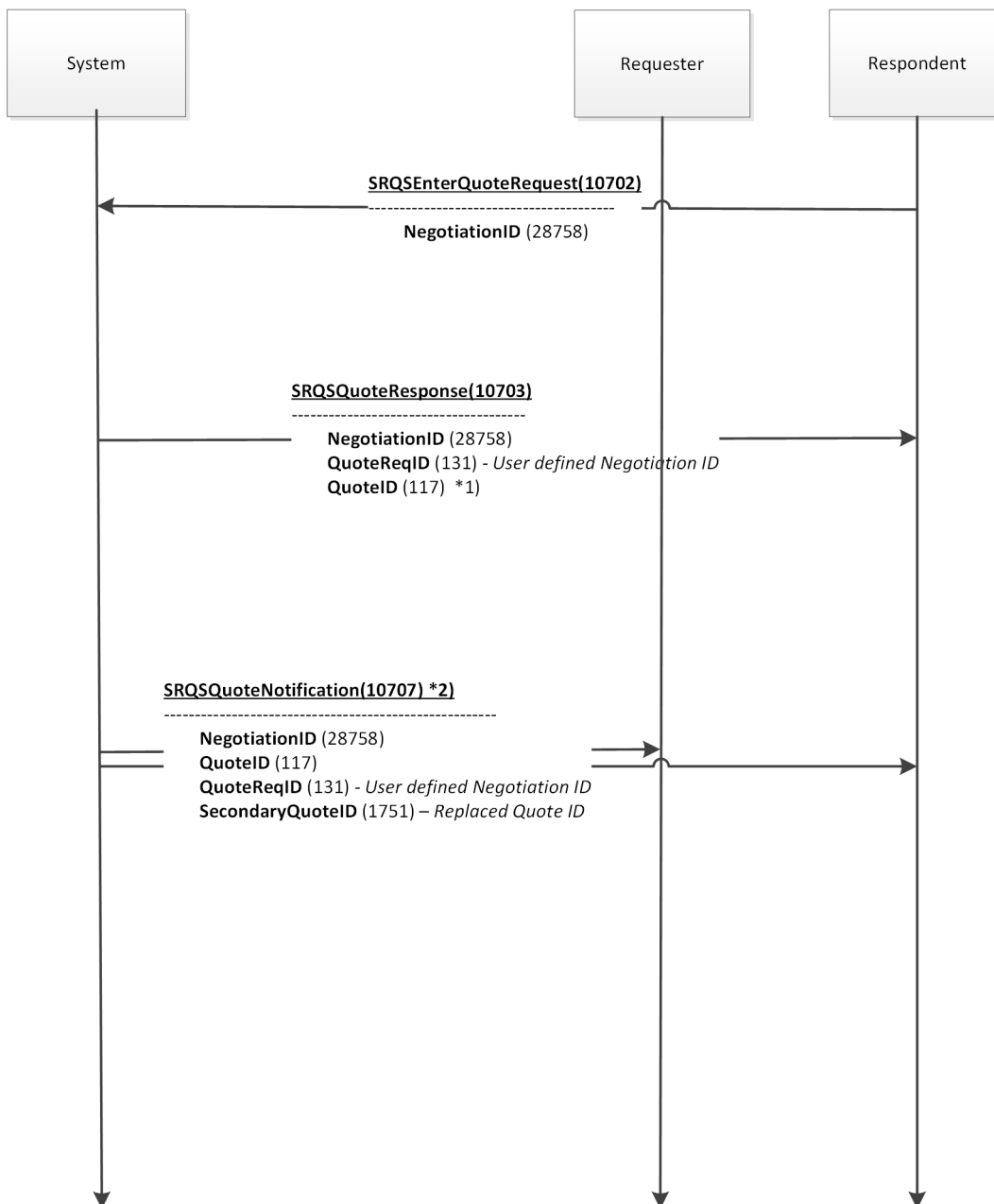
*2) to the business units of the addressed target parties

ETI: Message flow for SRQS Update Negotiation (by Requester)



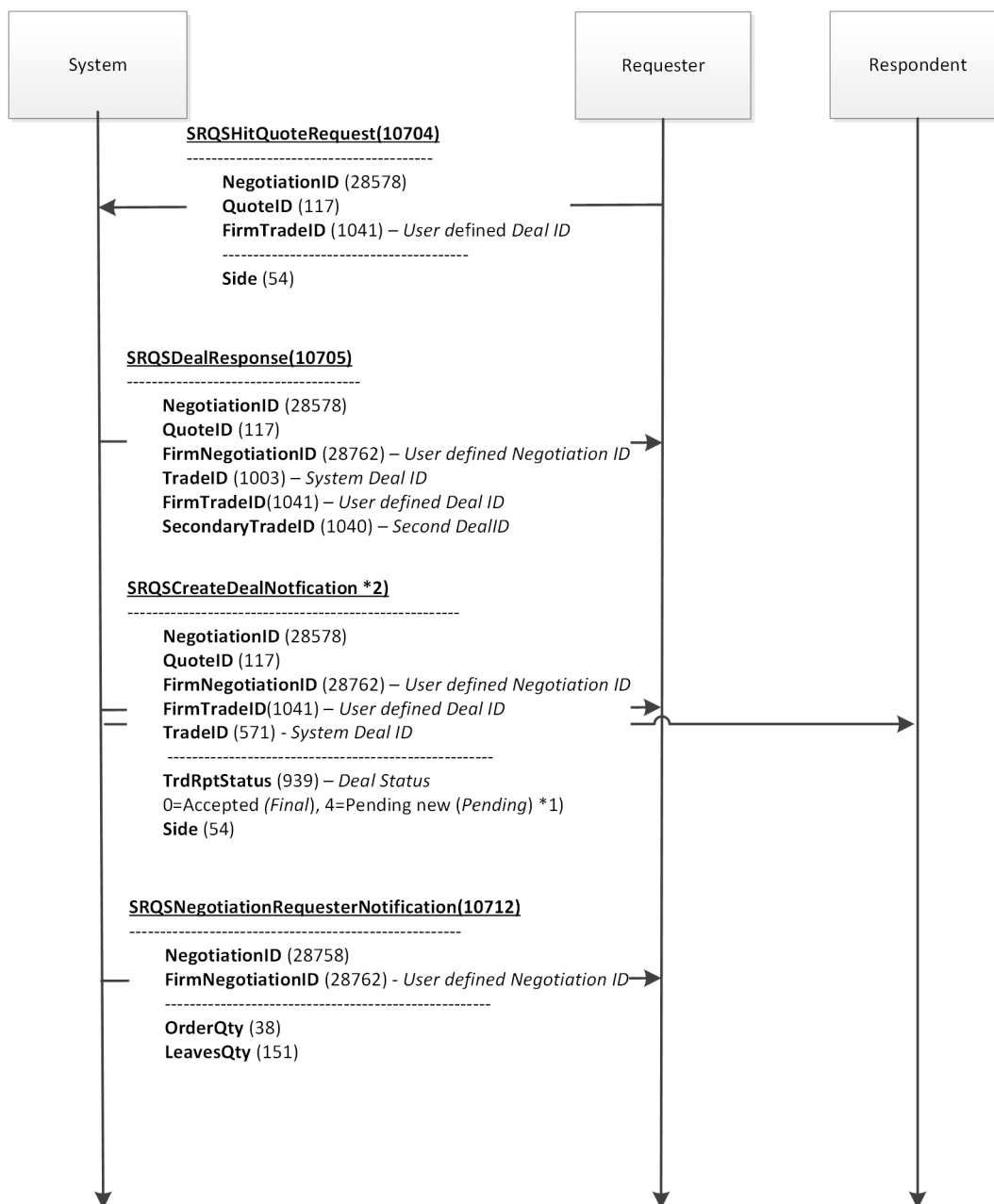
*1) Closed when set by the requester.
 *2) to the business unit of the negotiation related requester
 *3) to the business units of addressed target parties already involved in that negotiation
 *4) to the business units of newly addressed target parties

ETI: Message flow for SRQS Enter Quote



*1) any „overwritten“ (updated) quote will result in a new QuoteID – not set in case of Quote delete
 *2) to the business units of the quoting respondent and the negotiation related requester

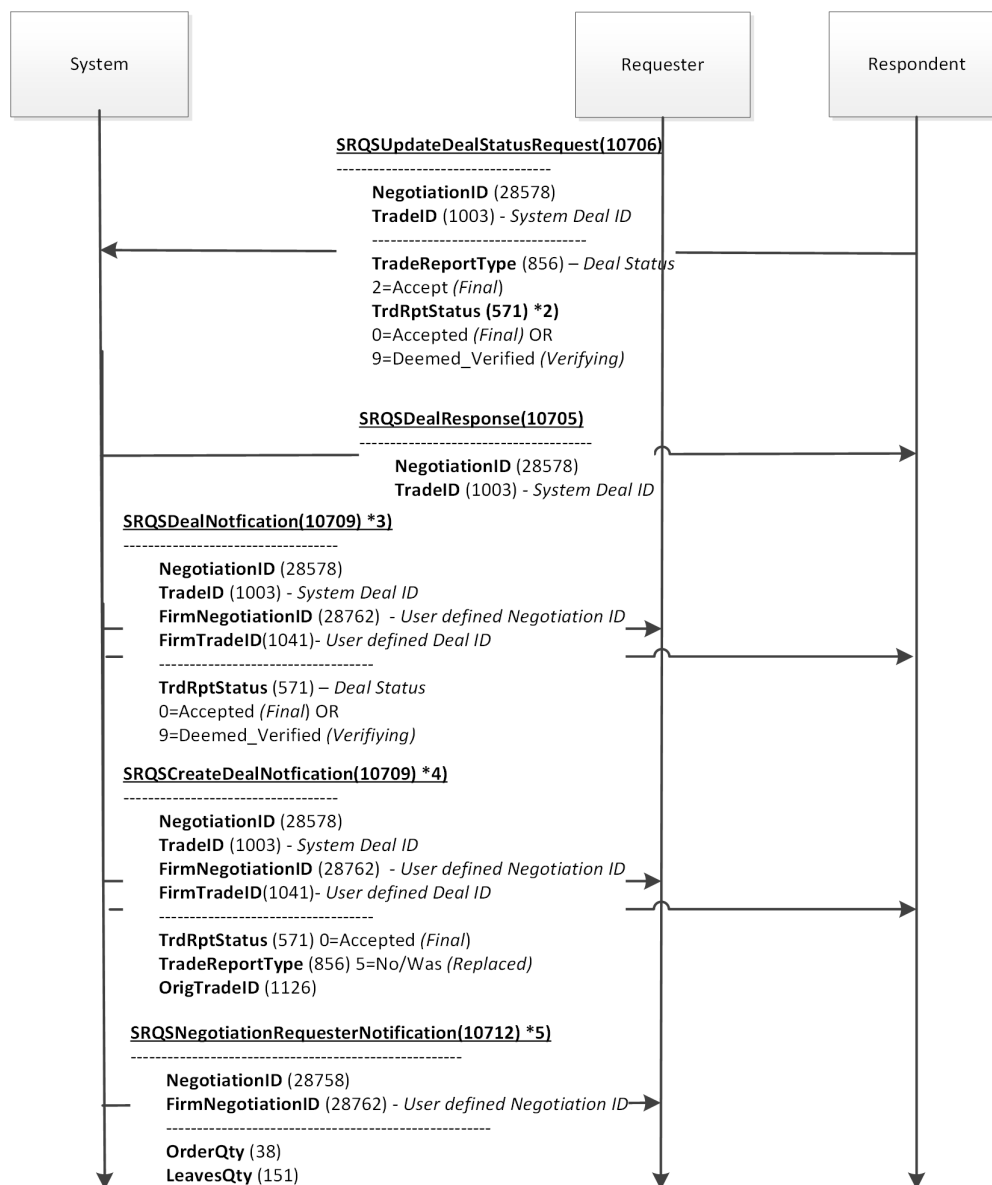
ETI: Message flow for SRQS Hit Quote



*1) depending on NegotiationType: [Firm → Final | Indicative → Pending]

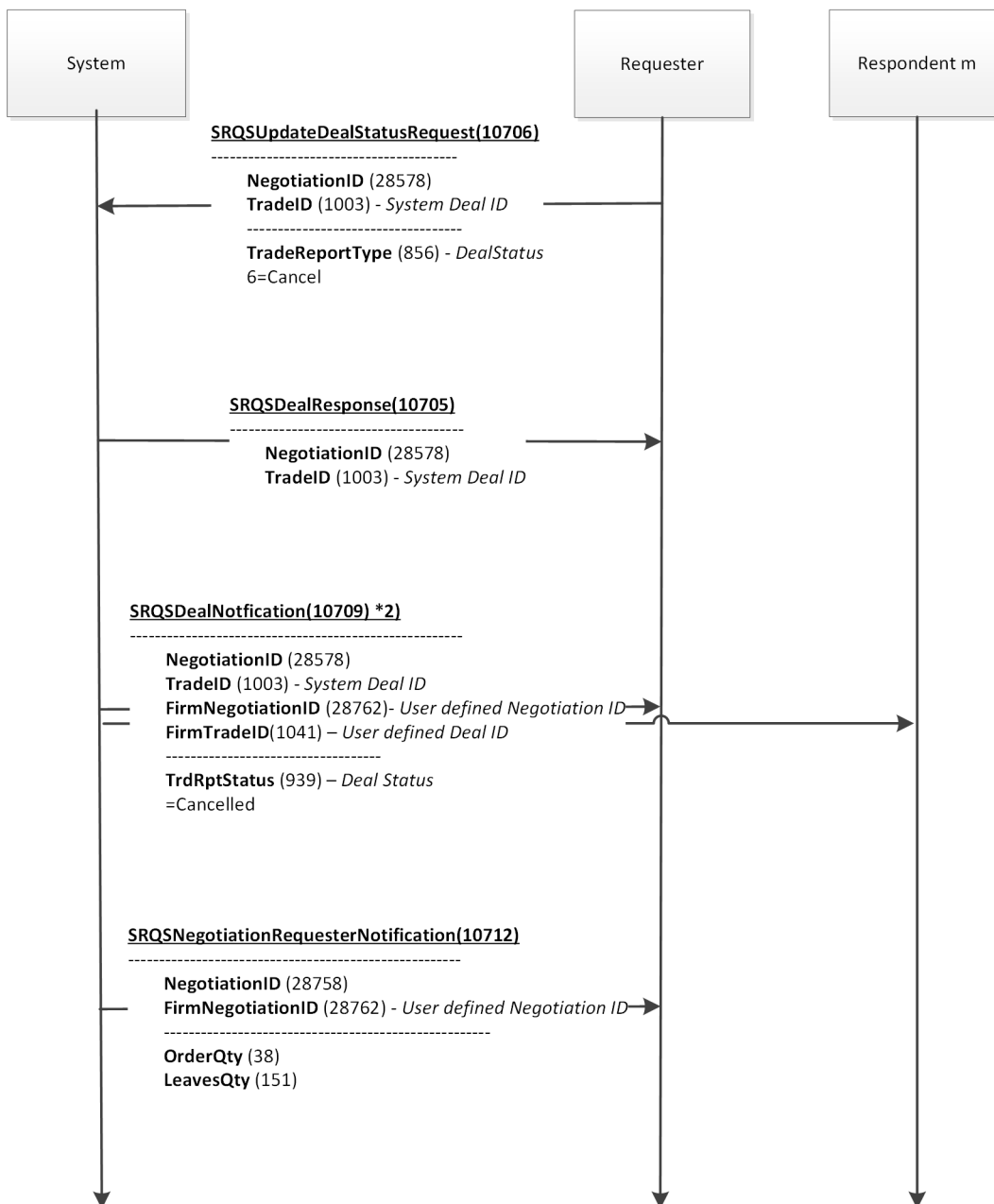
*2) to the business units of quote hitting requester and the quote owning respondent

ETI: Message flow for SRQS Confirm Deal *1)



*1) either needed for indicative negotiations (finalize deal) or working delta (verify or finalize deal)
 *2) working delta deal only
 *3) to the business units of the deal status updating respondent and the deal related requester – for finalizing non-working delta or verifying working delta deals
 *4) to the business units of the deal finalizing respondent and the deal related requester – only in case of finalizing a working delta deal
 *5) only in case of a final deal

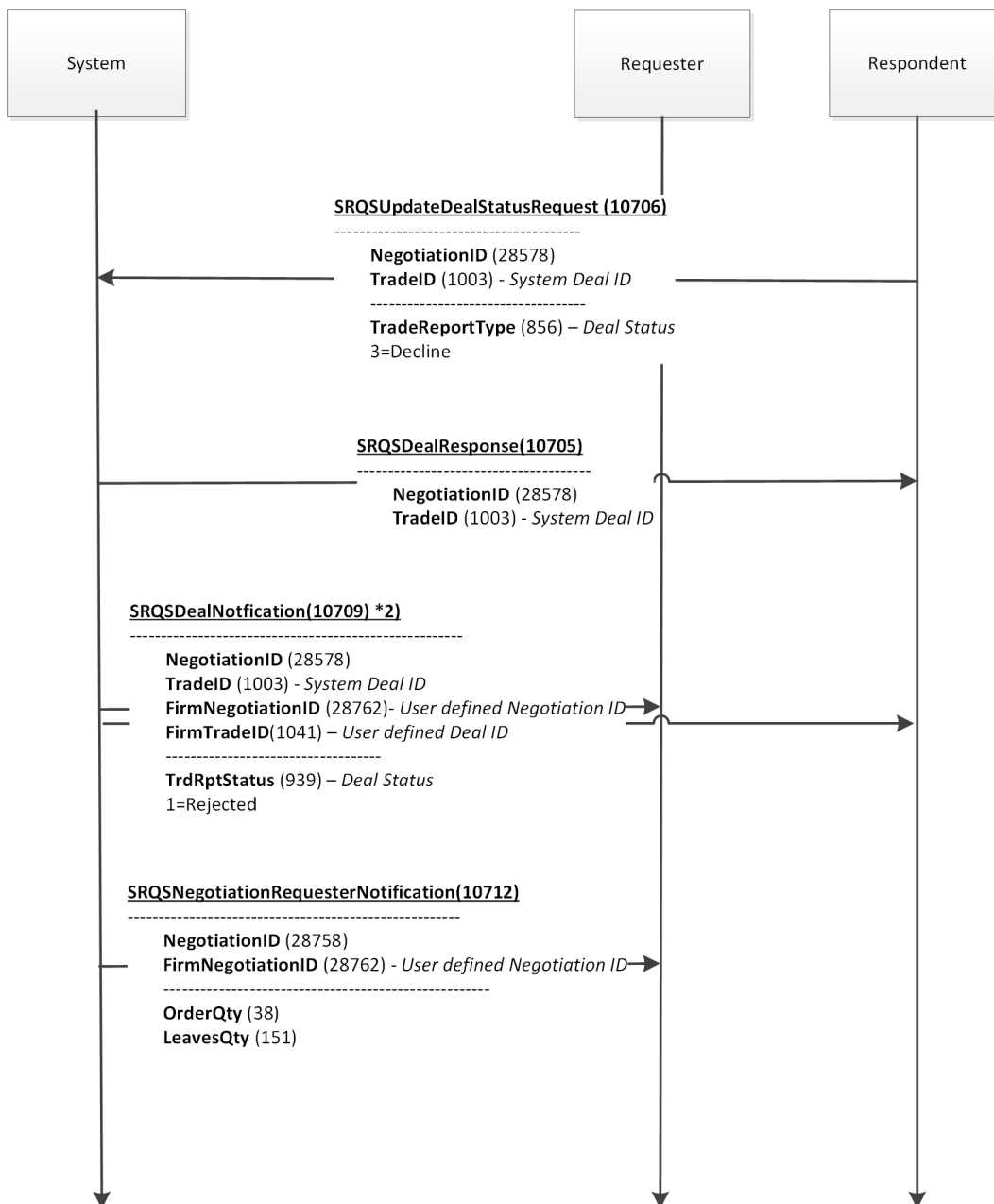
ETI: Message flow for SRQS Cancel Deal *1)



*1) only in case of indicative negotiations

*2) to the business unit of the deal cancelling requester and the deal related respondent

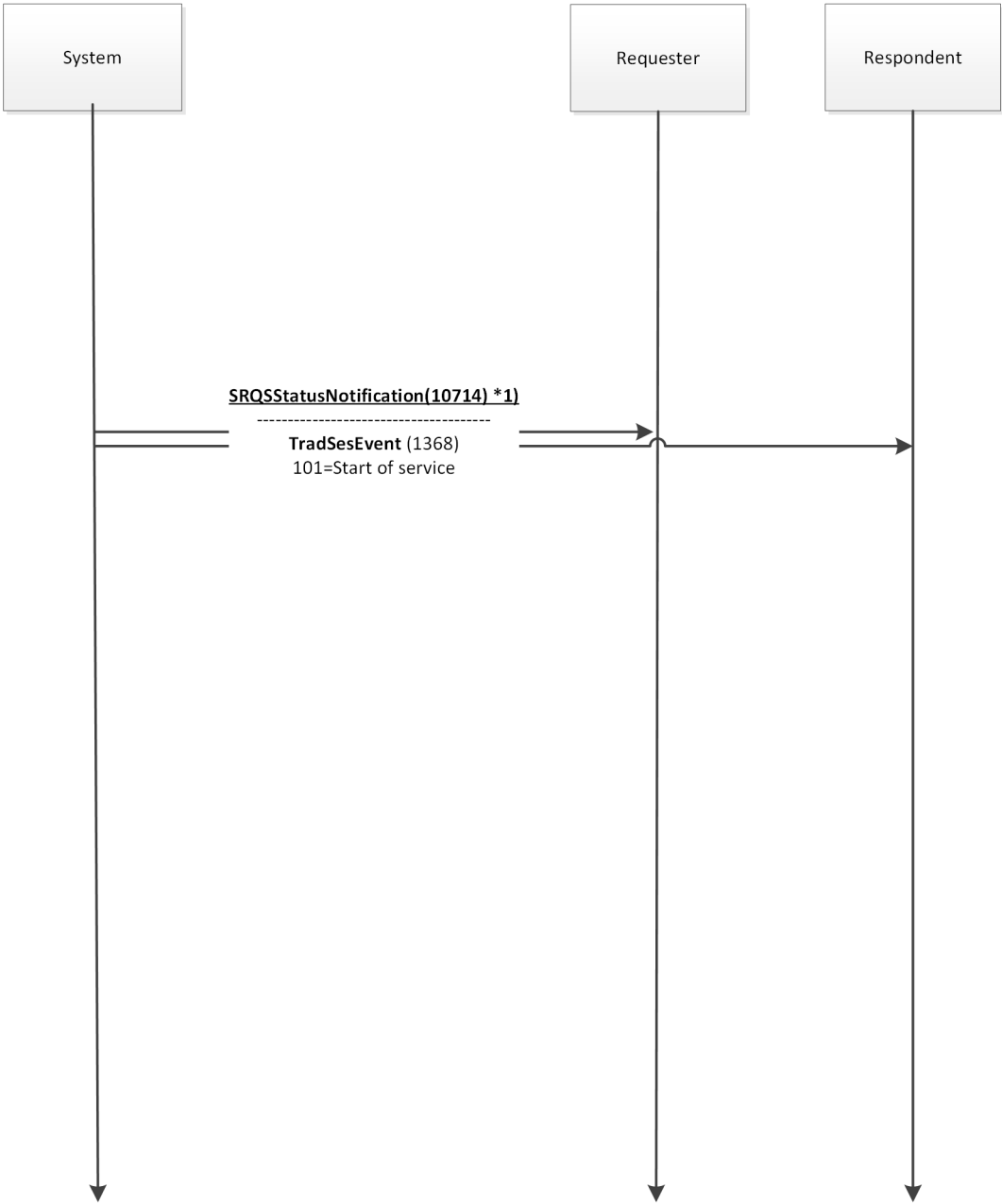
ETI: Message flow for SRQS Decline Deal *1)



*1) only in case of indicative negotiations

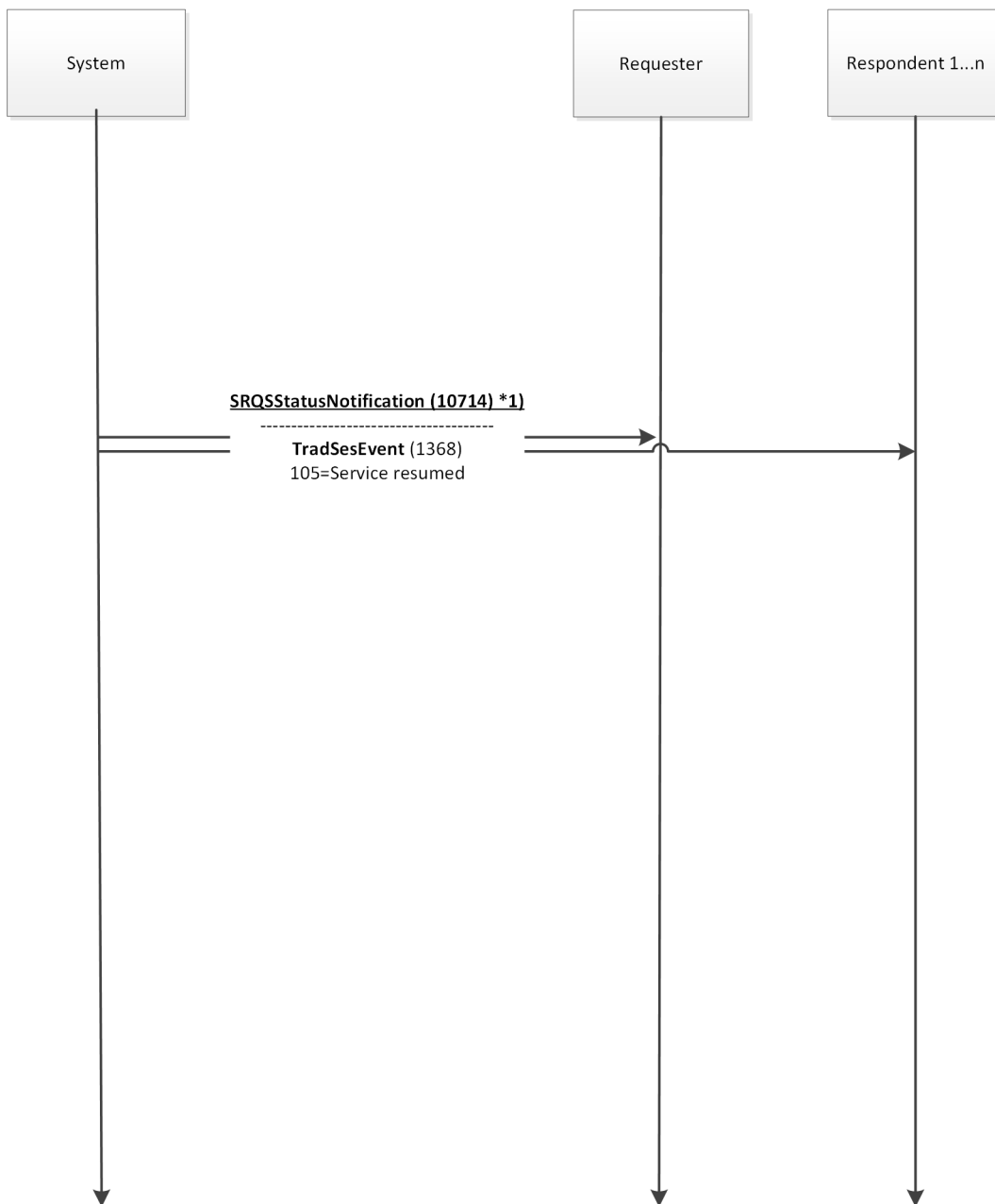
*2) to the business units of the deal rejecting respondent and the deal related broker

ETI: Message flow for SRQS Start of Day



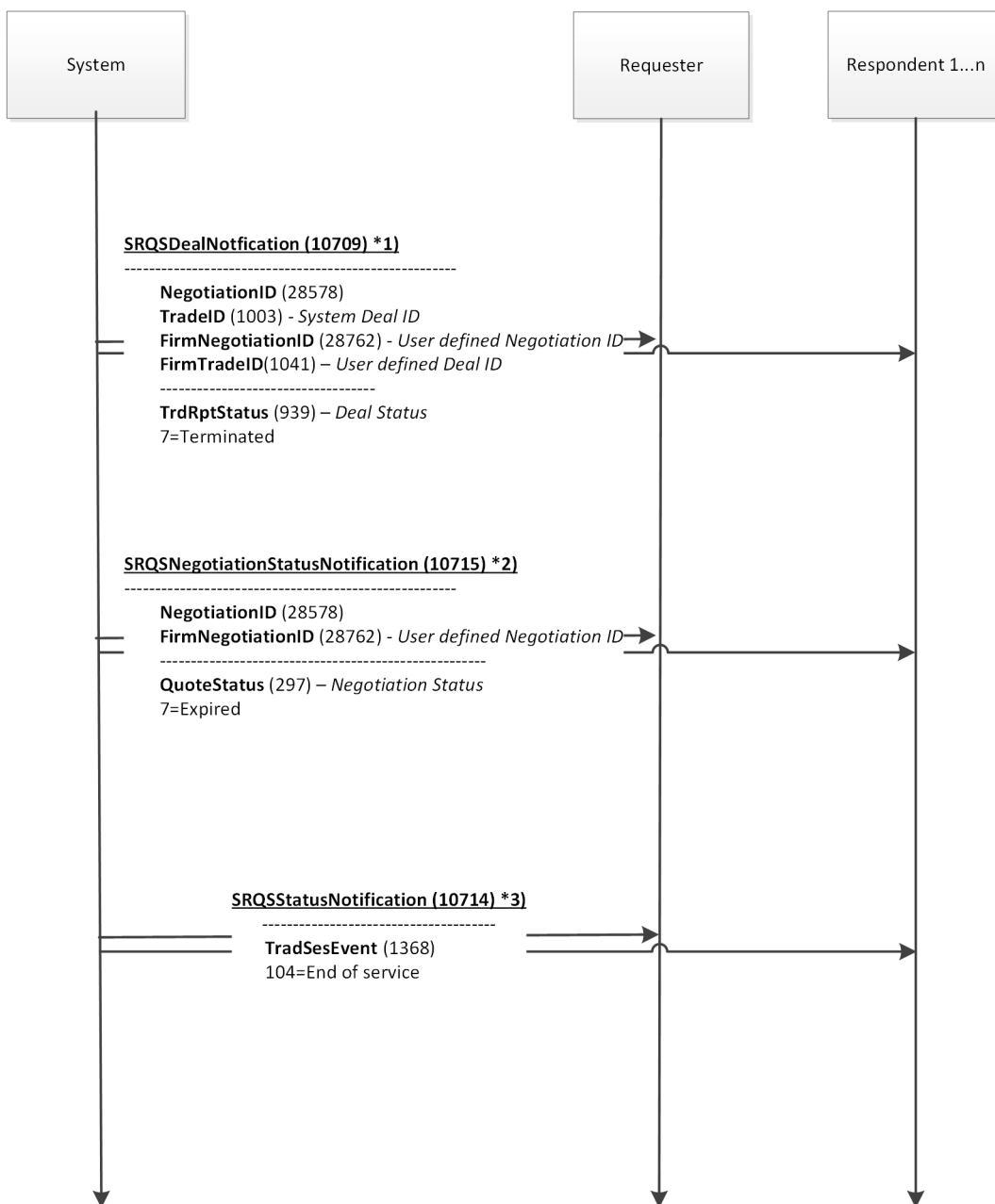
*1) to all known business units

ETI: Message flow for SRQS Restart



*1) to all known business units

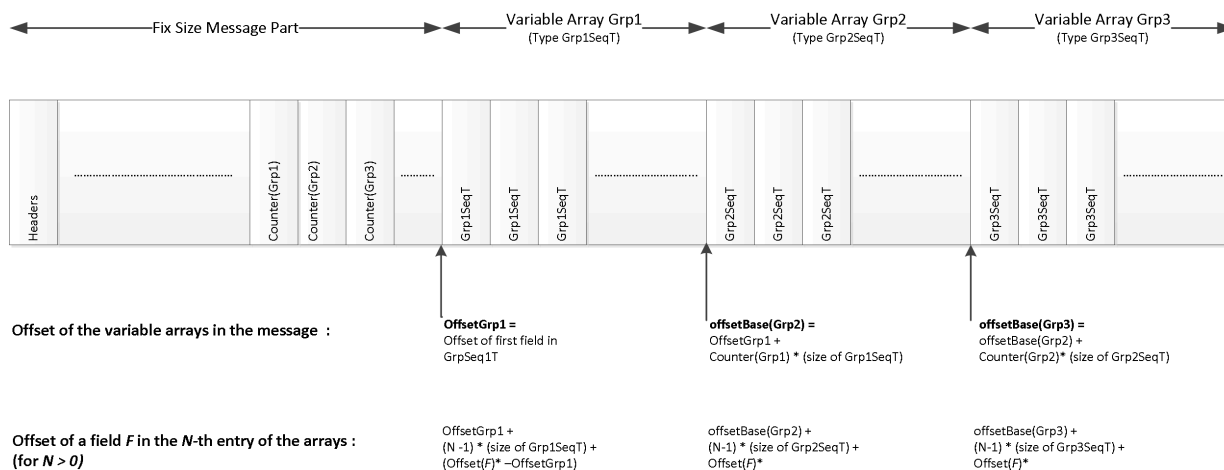
ETI: Message flow for SRQS End of Day



*1) for all pending deals: to requester and related respondent
 *2) for all open negotiations: to requester and all respondents
 *3) to all known business units

A.3 Variable Arrays

How to Access Variable Arrays and Fields within Variable Arrays



* Offset → taken from XML-file: value of the offset attribute of a field 'F' in a message

A.4 XML Interface Description

The ETI interface description is also available as a machine readable XML file. The structure of the XML is described by an XML schema file.

The XML file consists of the following parts and definitions:

Definitions	Description
MessageFlow	A "MessageFlow" is a flow diagram describing the system behavior from the user's point of view. The MessageFlow is represented as a tree of nodes.
ApplicationMessage	An "ApplicationMessage" represents a top-level structure which describes a message transmitted between the participant and user and the exchange. In contrast to the "Structure" definition, all components and repeating groups are uncollapsed. Valid values and description of fields are provided in the application scope.
Structure	A "Structure" is either the definition of a top-level-structure ("Message") or of a (repeated) sub-structure. Components and repeating groups are provided in a collapsed representation. All fields show the complete list of valid values.
Data Type	A "Data Type" is the technical and functional description of a data field. Each "Data Type" is part of a (multi-level) inheritance tree based on the following "rootTypes": String , float , int , and data .

Definitions

Description

For a detailed description of all available XML elements and attributes please refer to the XML schema file.

B Change Log

B.1 T7 Release 7.0 - Production Version (ETI 7.0-D0003)

Changes to the T7 Release 7.0 – Simulation Version

- changed valid value *Derivatives* to *D0003* of field *DefaultCstmAppVerSubID* in message [Session Logon Response](#) (10001)
- added valid value *Trade ('F')* to field *ExecType* in message [CLIP Deletion Notification](#) (10134)
- added valid value *NODX (12)* to field *MarketID* in messages [Session Logon Response](#) (10001), [Party Action Report](#) (10042), [Entitlement Notification](#) (10034), [Risk Notification](#) (10033)
- added valid value *PreTrade_Risk_Event (107)* to field *DeleteReason* in message [Delete TES Trade Broadcast](#) (10606)
- changed usage of fields *TradingCapacity*, *PositionEffect*, *OrderAttributeLiquidityProvision* in message [Upload TES Trade Request](#) (10612)
- added fields *UnderlyingPriceStipValue*, *OrigTradeID*, *TradeReportType* to message [SRQS Create Deal Notification](#) (10708)
- added fields *UnderlyingPriceStipValue*, *UnderlyingPx*, *LastPx*, *LastQty* to message [SRQS Deal Notification](#) (10709)
- added valid value *Deemed_Verified (9)* to field *TrdRptStatus* in message [SRQS Deal Notification](#) (10709)
- added field *UnderlyingPriceStipValue* to message [SRQS Hit Quote Request](#) (10704)
- added field *QuoteSubType* to messages [SRQS Negotiation Notification for Respondent](#) (10713), [SRQS Negotiation Notification for Requester](#) (10712), [SRQS Open Negotiation Notification for Respondent](#) (10711), [SRQS Open Negotiation Request](#) (10700), [SRQS Open Negotiation Notification for Requester](#) (10710)
- added fields *UnderlyingPriceStipValue*, *UnderlyingPx*, *LastQty*, *TrdRptStatus* to message [SRQS Update Deal Request](#) (10706)

B.2 T7 Release 7.0 - Simulation Version (ETI 7.0-D0002)

Changes to the T7 Release 7.0 – Cloud Simulation Version

- changed valid value *Derivatives* to *D0002* of field *DefaultCstmAppVerSubID* in message [Session Logon Response](#) (10001)
- added valid value *Instrument_State_Change (122)* to field *ExecRestatementReason* in messages [CLIP Deletion Notification](#) (10134), [Cancel Order Notification](#) (10112), [Extended Order Information](#) (10117)
- added valid value *Member_disable (117)* to field *MassActionReason* in messages [Order Mass Cancellation Notification](#) (10122), [Quote Mass Cancellation Notification](#) (10410)

- removed valid values *Deferred_Publication* (2) and *Published* (3) from field *TradePublishIndicator* in messages Enter [TES Trade Request](#) (10600), [Modify TES Trade Request](#) (10601), [Approve TES Trade Broadcast](#) (10607), [TES Broadcast](#) (10604), [TES Trade Upload Broadcast](#) (10613), [Upload TES Trade Request](#) (10612)
- added valid value *On_Book_Trading_disabled_for_Instrument_Type* (144) to field *QuoteEntryRejectReason* in message [Mass Quote Response](#) (10406)
- added valid value *PLP* (18) to field *QuoteEventReason* in message [Quote Execution Notification](#) (10407)
- renamed valid value 2 (to *Custom_Underlying_Price*) of field *QuoteRefPriceSource* in messages [SRQS Negotiation Notification for Respondent](#) (10713), [SRQS Negotiation Notification for Requester](#) (10712), [SRQS Open Negotiation Notification for Respondent](#) (10711), [SRQS Open Negotiation Request](#) (10700), [SRQS Open Negotiation Notification for Requester](#) (10710), [SRQS Update Negotiation Request](#) (10701)
- added fields *BasketTrdMatchID*, *BasketSideTradeReportID* to message [TES Trade Broadcast](#) (10614) – for future use only
- removed valid values *Do_Not_Publish_Trade* (0), *Publish_Trade* (1) from field *TradePublishIndicator* in message [TES Trade Broadcast](#) (10614)
- added valid value *Changed_to_IOC* (114) to field *ExecRestatementReason* in messages [Replace Order Response \(Lean Order\)](#) (10108), [Replace Order Response \(Standard Order\)](#) (10107), [New Order Response \(Lean Order\)](#) (10102), [New Order Response \(Standard Order\)](#) (10101), [Extended Order Information](#) (10117), [Immediate Execution Response](#) (10103)

B.3 T7 Release 7.0 - Cloud Simulation Version (ETI 7.0-D0001)

Changes to the T7 Release 6.1 – Production Version

- changed valid value *Derivatives* to *D0001* of field *DefaultCstmAppVerSubID* in message [Session Logon Response](#) (10001)
- removed field *RequestOut* from messages [Create Strategy Response](#) (10302), [Create Flexible Instrument Response](#) (10310), [Cross Request Response](#) (10119), [Order Mass Cancellation Response No Hits](#) (10124), [Order Mass Cancellation Response](#) (10121), [Quote Mass Cancellation Response](#) (10409), [Cancel Order Response \(Lean Order\)](#) (10111), [Cancel Order Response \(Standard Order\)](#) (10110), [Inquire Market Maker Parameters Response](#) (10306), [Market Maker Parameter Definition Response](#) (10304), [Mass Quote Response](#) (10406), [Replace Order Response \(Lean Order\)](#) (10108), [Replace Order Response \(Standard Order\)](#) (10107), [New Order Response \(Lean Order\)](#) (10102), [New Order Response \(Standard Order\)](#) (10101), [Immediate Execution Response](#) (10103), [Quote Activation Response](#) (10404), [Quote Request Response](#) (10402), [Reject](#) (10010)
- Quantity size change: changed type for fields *AllocQty* in message [Approve TES Trade Request](#) (10603), *OrderQty* in message [Cross Request](#) (10118), *CumQty*, *CxlQty* in message [Cancel Order Notification](#) (10112), *CumQty*, *CxlQty* in message [Cancel Order Response \(Lean Order\)](#) (10111), *CumQty*, *CxlQty* in message [Cancel Order Response \(Standard Order\)](#) (10110), *RelatedTradeQuantity*, *UnderlyingQty*, *AllocQty* in message [Enter TES Trade Request](#) (10600), *CumQty*, *Delta*, *Vega* in message [Inquire Market Maker Parameters Response](#) (10306), *CumQty*, *Delta*, *Vega* in message [Market Maker Parameter Definition Response](#) (10304), *BidSize*, *OfferSize* in message [Mass Quote](#) (10405), *BidCxlSize*, *OfferCxlSize* in message [Mass Quote Response](#) (10406), *OrderQty* in message [Replace Order Multi Leg](#) (10114), *OrderQty* in message [Replace Order Multi Leg \(short layout\)](#) (10130), *LeavesQty*, *CumQty*, *CxlQty* in message [Replace Order Response \(Lean Order\)](#) (10108), *LeavesQty*, *CumQty*, *CxlQty* in message [Replace Order Response \(Standard Order\)](#)

(10107), *OrderQty* in message [Replace Order Single](#) (10106), *OrderQty* in message [Replace Order Single \(short layout\)](#) (10126), *AllocQty* in message [Modify TES Trade Request](#) (10601), *OrderQty* in message [New Order Multi Leg](#) (10113), *OrderQty* in message [New Order Multi Leg \(short layout\)](#) (10129), *OrderQty* in message [New Order Single](#) (10100), *OrderQty* in message [New Order Single \(short layout\)](#) (10125), *LeavesQty*, *CumQty*, *CxlQty*, *FillQty*, *LegLastQty* in message [Book Order Execution](#) (10104), *LeavesQty*, *CumQty*, *CxlQty*, *OrderQty*, *FillQty*, *LegLastQty* in message [Extended Order Information](#) (10117), *LeavesQty*, *CumQty*, *CxlQty*, *FillQty*, *LegLastQty* in message [Immediate Execution Response](#) (10103), *QuoteEventQty*, *LegLastQty* in message [Quote Execution Notification](#) (10407), *OrderQty* in message [Quote Request](#) (10401), *LastQty*, *UnderlyingQty*, *BestBidSize*, *BestOfferSize* in message [SRQS Create Deal Notification](#) (10708), *BidSize*, *OfferSize* in message [SRQS Enter Quote Request](#) (10702), *OrderQty*, *UnderlyingQty* in message [SRQS Hit Quote Request](#) (10704), *LeavesQty*, *LastQty* in message [SRQS Negotiation Notification for Respondent](#) (10713), *OrderQty*, *LeavesQty*, *LastQty* in message [SRQS Negotiation Notification for Requester](#) (10712), *LeavesQty*, *LastQty* in message [SRQS Open Negotiation Notification for Respondent](#) (10711), *OrderQty* in message [SRQS Open Negotiation Request](#) (10700), *OrderQty*, *LastQty* in message [SRQS Open Negotiation Notification for Requester](#) (10710), *BidSize*, *OfferSize* in message [SRQS Quote Notification](#) (10707), *OrderQty* in message [SRQS Update Negotiation Request](#) (10701), *AllocQty*, *RelatedTradeQuantity*, *UnderlyingQty* in message [Approve TES Trade Broadcast](#) (10607), *RelatedTradeQuantity*, *UnderlyingQty*, *AllocQty* in message [TES Broadcast](#) (10604), *LastQty*, *ClearingTradeQty* in message [TES Trade Broadcast](#) (10614), *RelatedTradeQuantity*, *UnderlyingQty*, *AllocQty* to message [TES Trade Upload Broadcast](#) (10613), *LastQty*, *SideLastQty*, *ClearingTradeQty*, *LeavesQty*, *CumQty* in message [Trade Notification](#) (10500), *RelatedTradeQuantity*, *UnderlyingQty*, *AllocQty* in message [Upload TES Trade Request](#) (10612)

- [Eurex Improve](#): added messages [CLIP Deletion Notification](#) (10134), [CLIP Execution Notification](#) (10135), [Response to a CLIP Request](#) (10133), [CLIP Delete Request](#) (10132), [CLIP Enter Request](#) (10131)
- [Risk Protection Enhancements](#): added messages [Inquire Pre-Trade Risk Limits Request](#) (10311), [Risk Limit Response](#) (10313), [Pre-Trade Risk Limits Definition Request](#) (10312)
- added field *NoAffectedOrderRequests* and sequence *AffectedOrderRequestsGrp* to messages [Order Mass Cancellation Notification](#) (10122), [Order Mass Cancellation Response](#) (10121)
- changed usage of field *TargetPartyIDSessionID* in messages [Quote Mass Cancellation Request](#) (10408), [Inquire Market Maker Parameters](#) (10305), [Inquire Market Maker Parameters Response](#) (10306), [Market Maker Parameter Definition](#) (10303)
- added valid values *Deferred_Publication (2)*, *Published (3)* to field *TradePublishIndicator* in messages [Enter TES Trade Request](#) (10600), [Modify TES Trade Request](#) (10601), [Approve TES Trade Broadcast](#) (10607), [TES Broadcast](#) (10604), [TES Trade Upload Broadcast](#) (10613), [Upload TES Trade Request](#) (10612)
- removed field *ProductComplex* from message [Market Maker Parameter Definition Response](#) (10304)
- added valid values *Trading_indication_running_for_trader (143)*, *Liquidity_provider_protection_bid_side_cancelled (147)*, *Liquidity_provider_protection_ask_side_cancelled (148)* to field *QuoteEntryRejectReason* in message [Mass Quote Response](#) (10406)
- removed valid value *Result_Of_Transaction_Unknown (104)* from field *SessionRejectReason* in message [Reject](#) (10010)
- changed usage of field *NoLegs* in message [SRQS Open Negotiation Request](#) (10700)
- added field *Side* to message [TES Execution Broadcast](#) (10610)
- added field *TradePublishIndicator* to message [TES Trade Broadcast](#) (10614)

- MiFID related changes: added fields *RootPartyIDClientID*, *ExecutingTrader*, *RootPartyIDInvestmentDecisionMaker*, *OrderAttributeLiquidityProvision*, *ExecutingTraderQualifier*, *RootPartyIDInvestmentDecisionMakerQualifier*, *RegulatoryTradeID* to messages [TES Trade Broadcast](#) (10614), [Trade Notification](#) (10500)
- removed valid value *Exchange_Basis_Facility* (55) from field *TrdType* in messages [TES Trade Broadcast](#) (10614), [TES Trade Upload Broadcast](#) (10613), [Upload TES Trade Request](#) (10612)
- added valid value *Liquidity_Improvement_Cross* (13) to field *MatchType* in message [Trade Notification](#) (10500)
- added valid value *Outside_BBO* (6) to field *MatchSubType* in message [Trade Notification](#) (10500)
- added field *OrderAttributeRiskReduction* to message [Approve TES Trade Request](#) (10603)
- removed message [Connection Gateway Response](#) (10021)
- removed field *ProductComplex* from messages [Quote Activation Notification](#) (10411), [Quote Activation Request](#) (10403)
- added valid value *Auction* (4) to field *QuoteEventLiquidityInd* to message [Quote Execution Notification](#) (10407)
- added valid value *Submit* (2) to field *TradeReportType* in message [TES Trade Upload Broadcast](#) (10613)
- added fields *TradePlatform*, *PartyIDClientID*, *PartyIDInvestmentDecisionMaker*, *ExecutingTrader*, *ExecutingTraderQualifier*, *PartyIDInvestmentDecisionMakerQualifier*, *OrderAttributeRiskReduction* to message [TES Trade Upload Broadcast](#) (10613)
- added fields *TrdRptStatus*, *TradePlatform*, *PartyIDClientID*, *PartyIDInvestmentDecisionMaker*, *ExecutingTrader*, *ExecutingTraderQualifier*, *PartyIDInvestmentDecisionMakerQualifier*, *OrderAttributeRiskReduction* to message [Upload TES Trade Request](#) (10612)
- The following characters in free text fields – *FreeText1* (25007), *FreeText2* (25008), *FreeText3* (25009) are now forbidden: " (0x22) , & (0x26), = (0x3D), ` (0x60) , @ (0x40), + (0x2B), ' (0x27), < (0x3C), > (0x3E)
- added field *TransactionDelayIndicator* to messages [Cancel Order Response \(Lean Order\)](#) (10111), [Cancel Order Response \(Standard Order\)](#) (10110), [Replace Order Response \(Lean Order\)](#) (10108), [Replace Order Response \(Standard Order\)](#) (10107), [New Order Response \(Lean Order\)](#) (10102), [New Order Response \(Standard Order\)](#) (10101), [Immediate Execution Response](#) (10103)

Please note that changing the size of an ETI field might change the order of the fields in the ETI message and the size of the 'padding-byte' fields.