

Deutsche Börse Group's T7

FIX LF Interface

Derivatives Message Reference

Release 10.0

FIX LF Version	10.0
FIX LF Subversion	D0002
Build Version	100.590.4.ga-100005090-127
Date	22 October 2021

©2021 Copyright by Deutsche Börse AG ("DBAG"). All rights reserved.

All intellectual property, proprietary and other rights and interests in this publication and the subject matter of this publication are owned by DBAG, other entities of Deutsche Börse Group or used under license from their respective owner. This includes, but is not limited to, registered designs and copyrights as well as trademark and service mark rights. Methods and devices described in this publication may be subject to patents or patent applications by entities of Deutsche Börse Group.

Specifically, the following trademarks and service marks are owned by entities of Deutsche Börse Group:

Buxl[®], DAX[®], DivDAX[®], eb.rexx[®], Eurex[®], Eurex Repo[®], Eurex Strategy WizardsSM, Euro GC Pooling[®], F7[®], FDAX[®], FWB[®], GC Pooling[®], GCPI[®], M7[®], MDAX[®], N7[®], ODAX[®], SDAX[®], T7[®], TecDAX[®], USD GC Pooling[®], VDAX[®], VDAX-NEW[®] and Xetra[®].

The following trademarks and service marks are used under license and are property of their respective owners:

All MSCI indexes are service marks and the exclusive property of MSCI Barra.

ATX[®], ATX[®] five, CECE[®] and RDX[®] are registered trademarks of Vienna Stock Exchange AG.

IPD[®] UK Annual All Property Index is a registered trademark of Investment Property Databank Ltd. IPD and has been licensed for the use by Eurex for derivatives.

SLI[®], SMI[®] and SMIM[®] are registered trademarks of SIX Swiss Exchange AG.

The STOXX[®] indexes, the data included therein and the trademarks used in the index names are the intellectual property of STOXX Limited and/or its licensors. Eurex derivatives based on the STOXX[®] indexes are in no way sponsored, endorsed, sold or promoted by STOXX and its licensors and neither STOXX nor its licensors shall have any liability with respect thereto.

Bloomberg Commodity IndexSM and any related sub-indexes are service marks of Bloomberg L.P.

PCS[®] and Property Claim Services[®] are registered trademarks of ISO Services, Inc.

Korea Exchange, KRX, KOSPI and KOSPI 200 are registered trademarks of Korea Exchange Inc.

BSE and SENSEX are trademarks/service marks of Bombay Stock Exchange ("BSE") and all rights accruing from the same, statutory or otherwise, wholly vest with BSE. Any violation of the above would constitute an offence under the law of India and international treaties governing the same.

Information contained in this publication may be erroneous and/or untimely. All descriptions, examples and calculations contained in this publication are for illustrative purposes only, and may be changed without further notice. Neither DBAG nor any entity of Deutsche Börse Group makes any express or implied representations or warranties regarding the information contained herein. This includes without limitation any implied warranty of the information's merchantability or fitness for any particular purpose and any warranty with respect to the accuracy, correctness, quality, completeness or timeliness of the information.

Neither DBAG nor any entity of Deutsche Börse Group shall be responsible or liable for any third party's use of any information contained in this publication under any circumstances. The information contained in this publication is not offered as and does not constitute investment advice, legal or tax advice, an offer or solicitation to sell or purchase any type of financial instrument.

Contents

1	List of Abbreviations	4
2	Introduction	5
3	Change Log	5
3.1	T7 Release 10.0 – FIX LF 10.0-D0002 (Production Version)	5
3.2	T7 Release 10.0 – FIX LF 10.0-D0001 (Simulation Version)	6
3.3	T7 Release 9.0 – FIX LF 9.0-D0001	7
4	Message Formats	11
4.1	Data Types	11
5	Overview of Supported Message Types	13
6	Message Header and Trailer	14
6.1	Header	14
6.2	Trailer	16
7	Administrative Messages	17
7.1	Session Logon	18
7.2	Session Logout	20
7.3	Heartbeat	21
7.4	Test Request	22
7.5	Resend Request	23
7.6	Reject	24
7.7	Sequence Reset	26
8	Application Messages	27
8.1	User Request	28
8.2	User Response	29
8.3	User Notification	30
8.4	New Order Single	31
8.5	New Order Multileg	37
8.6	Order Cancel/Replace Request	42
8.7	Multileg Order Cancel/Replace Request	48
8.8	Order Cancel Request	53
8.9	Execution Report	56
8.10	Order Mass Action Request	64
8.11	User Order Mass Action Report	67
8.12	Business Message Acknowledgment	70
8.13	Business Message Reject	71
8.14	Security Definition Request	73
8.15	Security Definition Response	76
8.16	Cross Request	79
8.17	Quote Request	81
8.18	Trading Session Status	84
8.19	User Party Entitlements Update Report	85
8.20	User Party Action Report	87
8.21	User Party Risk Limits Update Report	89
8.22	User Party Risk Limits Request	91
8.23	User Party Risk Limits Report	93
8.24	Session Details List	95
8.25	Trade Capture Report	96
9	Occurrences	105

9.1 OrderAttributeGrp 105
9.2 Parties 106
9.3 RequestingParties 111
9.4 RootParties 112
9.5 TargetParties 113
9.6 TrdCapRptSideGrp 114
9.7 ValueChecksGrp 116

Contents

1 List of Abbreviations

Please find a list of all the abbreviations used in the document.

FIX	Financial Information eXchange
TCP/IP	Transmission Control Protocol / Internet Protocol
TES	T7 Entry Service
GUI	Graphical User Interface

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 T7 FIX LF interface is intended for participants that require a standard FIX connection to the exchange and supports all T7 market types.

The document "T7 FIX LF 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 derivatives market part of the FIX LF interface.

In addition to this document two corresponding XML files, the QuickFix Engine dictionary and a message reference file including message and field descriptions are published.

The FIX LF interface will make use of the FIX 4.4 version only.

3 Change Log

3.1 T7 Release 10.0 – FIX LF 10.0-D0002 (Production Version)

Changes to the T7 Release 10.0 – Simulation Version:

- changed usage of group *RootParties* to mandatory in messages [CrossRequest](#) (UDS), [TradeCaptureReport](#) (AE)
- changed usage of group *Parties* to mandatory in messages [MultilegOrderCancelReplaceRequest](#) (AC), [NewOrderMultileg](#) (AB), [NewOrderSingle](#) (D), [OrderCancelReplaceRequest](#) (G), [OrderCancelRequest](#) (F), [QuoteRequest](#) (R), [SecurityDefinitionRequest](#) (c), [UserOrderMassActionRequest](#) (UCA), [UserPartyActionReport](#) (UDI), [UserPartyEntitlementsUpdateReport](#) (UCZ), [UserPartyRiskLimitsRequest](#) (UCL), [UserPartyRiskLimitsUpdateReport](#) (UCR)
- changed usage of group *Instrument* to mandatory in message [ExecutionReport](#) (8), [MultilegOrderCancelReplaceRequest](#) (AC), [NewOrderMultileg](#) (AB), [NewOrderSingle](#) (D), [OrderCancelReplaceRequest](#) (G), [OrderCancelRequest](#) (F), [TradeCaptureReport](#) (AE), [UserOrderMassActionRequest](#) (UCA), [QuoteRequest](#) (R), [CrossRequest](#) (UDS), [SecurityDefinition](#) (d), [SecurityDefinitionRequest](#) (c), [UserOrderMassActionReport](#) (UBZ)
- changed description of valid value 199 of field *ExecRestatementReason* in message [ExecutionReport](#) (8)
- changed data type of field *Password* in messages [Logon](#) (A), [UserRequest](#) (BE)
- changed valid *Derivatives* (D0002) of field *DefaultCstmAppVerSubID* in message [Logon](#) (A)
- changed usage of groups *LegOrdGrp*, *ValueChecksGrp* to mandatory in messages [MultilegOrderCancelReplaceRequest](#) (AC), [NewOrderMultileg](#) (AB)
- changed usage of group *ValueChecksGrp* to mandatory in message [NewOrderSingle](#) (D)
- changed usage of group *QuoteReqGrp* to mandatory in message [QuoteRequest](#) (R)
- removed field *PrivateQuote* from message [QuoteRequest](#) (R)

- changed usage of group *InstrmtLegGrp* to mandatory in messages [SecurityDefinitionRequest](#) (c), [SecurityDefinition](#) (d)
- changed usage of group *SessionGrp* to mandatory in message [SessionDetailsList](#) (U6)
- changed usage of group *TrdCapRptSideGrp* to mandatory in message [TradeCaptureReport](#) (AE)
- changed description of valid values 7, 100 of field *MassActionScope* in message [UserOrderMassActionRequest](#) (UCA)
- changed usage of group *RequestingParties* to mandatory in message [UserPartyActionReport](#) (UDI)
- change usage of groups *PartyDetailGrp*, *RiskLimitTypesGrp* to mandatory in messages [UserPartyRiskLimitsReport](#) (UCM),
- changed usage of occurrences *executing_system*, *executing_unit* to mandatory in message [UserPartyEntitlementsUpdateReport](#) (UCZ), [UserPartyRiskLimitsUpdateReport](#) (UCR)

3.2 T7 Release 10.0 – FIX LF 10.0-D0001 (Simulation Version)

Changes to the T7 Release 10.0 – FIX Gateway Simulation Version – mainly for Trading Sessions (should be seen in addition to the changes mentioned below for the Back-office Sessions:

- removed field *TransactTime(60)* removed from messages [NewOrderSingle](#) (D), [NewOrderMultileg](#) (AB), [OrderCancelReplaceRequest](#) (G), [MultilegOrderCancelReplaceRequest](#) (AC), [OrderCancelRequest](#) (F), [UserOrderMassActionRequest](#) (UCA).
- [BusinessMessageReject](#) (j) is used instead of message
 - [SecurityDefinitionResponse](#) (d) with *SecurityResponseType*="Reject security proposal (5)"
 - [UserResponse](#) (BF)
 - [OrderCancelReject](#) (9)
 - [ExecutionReport](#) (8)
 - [CrossRequestAck](#) (UDT)
 - [QuoteRequestReject](#) (AG)
 - [SecurityDefinition](#) (d)
 - [UserPartyRiskLimitsReport](#) (UCM)
- removed fields *Side(54)* and *OrderQty (38)* from message [OrderCancelRequest](#) (F).
- OCO Orders are to be entered with *OrdType (40)*=2 (*Limit*) and *Price (44)*. Therefore, removed fields *TriggerType (1100)* and *TriggerPrice(1102)* from messages [NewOrderSingle](#) (D), [OrderCancelReplaceRequest](#) (G).
- removed field *ExDestination(100)* from all requests messages.
- removed fields *AvgPx (6)*, *SecondaryOrderID(198)* from message [ExecutionReport](#) (8).
- changed data type of field *LegSecurityType (609)* changed from string to int
- set more fields in [ExecutionReport](#) (8) messages: more *Parties*, *CustOrdHandlInst*.
- removed field *MarketID (1301)* from component *MarketSegmentGrp* in message [SecurityDefinition](#) (d).

- replace field *Utransacttime* (30060) by *Transacttime* (60) in [UserPartyActionReport](#) (UDI)
- added message [BusinessMessageAck](#) (U28) – for the the following cases (Trading Session only):
 - mass delete response when no order is affected.
 - cross interface order deletion (deletion of orders entered via ETI/T7 GUI).
 - response to [CrossRequest](#) (UDS)
 - response to [QuoteRequest](#) (R)
- removed fields *ExDestination*(100), *ReturnCode*(25023), *ReturnCodeSource*(25024), *UserStatusText*(927) from message [UserResponse](#) (BF)
- remove components *CrossRequestSideGrp*, *DisclosureInstructionGrp*, and fields *Price*(44), *CrossID* (548), *MarketID* (1301), *CrossRequestType* (28771), *CrossRequestTransType*(28772) from message [CrossRequest](#)(UDS)
- removed fields *UexDestination* (30100), *SecurityRejectReason* (1607), *SecurityResponseType* (323), *Text* (58) from message [SecurityDefinition](#) (d)
- removed fields *MassActionType* (1373) and *UexDestination* (30100) from message [UserOrderMassActionRequest](#) (UCA).
- removed field *MarketID* (1301) from message [UserPartyRiskLimitsRequest](#) (UCL).
- removed fields *RejectText* (1328), *RequestResult* (1511), *ReturnCode* (25023), *ReturnCodeSource* (25024) from message [UserPartyRiskLimitsReport](#) (UCM).
- Trader Logon can be sent immediately after the Session Logon. There is no need to wait for a [TradingSessionStatus](#) (h) with Message processing resumed/suspended.
- removed party groups from message [SecurityDefinition](#) (d).
- "Unknown order state" messages are not implemented by FIX LF.
- the field *OrigClOrdId*(41) is always set in message [ExecutionReport](#) (8), if the related order was submitted via the FIX LF interface.
- replaced field *Text* (58) replaced by *FreeText1* (25007) in all order requests and execution report.
- removed valid value *Off-Book* (1) from field *RiskLimitPlatform* (1553) in message [UserPartyRiskLimitsRequest](#) (UCL).
- the FIX LF connection will get closed if there is no [SessionLogon](#) (A) message within next 25 seconds.
- added fields *ThrottleInst* (1685), *ThrottleMaxQueueTime* (28790) to message [SessionLogon](#) (A).

3.3 T7 Release 9.0 – FIX LF 9.0-D0001

Changes to the T7 Release 9.0 – FIX Gateway Production Version:

- One TCP port for all FIX LF sessions.
- FIX 4.4 only - no FIX 4.2 support.

- No support of cross-market sessions.
- In all FIX LF requests the field *TargetCompID(56)* must be set to the XMIC code (e.g. XEUR) the related FIX LF session belongs to.
- In all FIX LF notifications/responses the field *SenderCompID(49)* is set to the related T7 XMIC code (e.g. XEUR).
- [Logon Request](#) (msgType="A"): added field *DefaultCstmAppVerID(1408)*; removed field *TestMessageIndicator(464)*.
- [Logon Response](#) ("A"): added fields *TradSesMode(339)*, and *DefaultCstmAppVerSubID(28763)*.
- Removed field *LastMsgSeqNumProcessed(369)* from the [Header](#).
- Field *ExecID(17)* has another format/content.
- All text fields are sent without filling blanks.
- All Quantity, Price, Rate and Amount fields are formatted as decimals.
- No fragmentation needed: removed field *ULastFragment(30893)* from message [User Order Mass Action Report](#) ("UBZ").
- Removed field *SecondarySessionID (28767)* from message [Session Details List](#) ("U6").
- Order Drop Copy will also provide orders of the ETI HF sessions belonging to the business unit of the related FIX LF session.
- Removed valid values *Market Reset (102)*, *Service resumed (105)*, *No more messages for this trading venue (200)*, *Message processing suspended (202)*, *Message processing resumed (203)* from field *TradSesEvent* in message [Trading Session Status](#) ("h").
- No Password change possible via [Logon](#) ("A"). Please use the SAP portal for maintaining the session password.
- Removed field *AvgPx(6)* from message [Execution Report](#) ("8").
- Changed data type of field *MatchType(574)* from String to Int.
- No need for an XMIC field in outgoing FIX messages since this information is already in the *SenderCompID(49)*.

- Removed field *MarketID(1301)* from messages [Session Details List \("U6"\)](#), [User Order Mass Action Report \("UBZ"\)](#), [Trading Session Status \("h"\)](#).
- Removed field *ExDestination(100)* from [Execution Report \("8"\)](#).
- FIX LF Gateway access details (address and port) are provided via [Network Access Guide - documentation](#) only.
- Changed behaviour for [Execution Report \("8"\)](#) with *OrdStatus (39)* set to 4 (*Canceled*):
 - FIX LF provides Entering and Executing Trader/Firm and some more order information than FIX Gateway.
- Short names are set for Trader and Business Unit in message [Execution Report \("8"\)](#).
- Entering trader is not set for message [Execution Report \("8"\)](#) with *ExecType (150)* set to L (*Triggered by system*).
- Removed fields *TriggerType(1100)* and *TriggerPrice(1102)* from message [Execution Report \("8"\)](#). The stop price of OCO orders is provided in field *StopPx (99)*.
- Removed field *SecondaryOrderID(198)* from messages [Execution Report \("8"\)](#), and [Trade Capture Report \("AE"\)](#).
- Information about executing session (occurrence: session ID) not always set in message [User Order Mass Action Report \("UBZ"\)](#). Then, the message informs all session of the related business unit about the scope of the cancellation.
- The field *HeartBtInt (108)* in the [Session Logon](#) request message ("A") must be greater than or equal to 30.
- The [Session Logon](#) request message ("A") must be sent within 25 seconds after the TCP connection has been established.
- The message [Session Details List \("U6"\)](#) will provide details for all trading sessions of the own business unit.
- Removed valid value 2 (*Regular Back Office Session*) from field *SessionSubMode (28735)* in message [Session Details List \("U6"\)](#).
- Removed field *ReturnCodeSource (25024)* from messages [Reject \("3"\)](#), [Execution Report \("8"\)](#).
- Removed field *NotAffOrigClOrdID (1372)* from message [User Order Mass Action Report \("UBZ"\)](#).

- Changed behavior for Session [Logon](#) request message ("A"):
 - (customer in) sequence number will be reset to 1 if *ResetSeqNumFlag* is set to *Y* (Yes, reset Sequence numbers).
 - In case of missing required fields, T 7 does not send a [Logout](#) message ("5") and may not close the TCP connection immediately.
- As there is only one FIX LF gateway accessible (at a certain point in time), FIX LF does neither support load balancing nor any kind of failover triggered by FIX LF clients.
- Removed field *PreviouslyReported* (570) from message [Trade Capture Report](#) ("AE").
- Replaced field *Text* (58) by *FreeText1* (25007) in messages [Execution Report](#) ("8"), and [Trade Capture Report](#) ("AE").
- Removed fields *ReturnCode* (25023), *ReturnCodeText* (25025) from message [Execution Report](#) ("8").

4 Message Formats

The following chapters provide details on the administrative and application messages used by FIX LF. Additionally, information on data types is provided.

The interface version used by the participant needs to be provided during `Logon` in `DefaultCstmApp/VerID (1408)`; the corresponding response message will return the interface version, which the FIX LF Gateway currently uses, in the same field.

The interface version will allow the participant to recognize that FIX LF has changed. The build number shows to which FIX LF XML file, and the FIX LF message reference belongs to.

4.1 Data Types

FIX LF supports the following data types:

Data Type	Description
STRING	Alphanumeric free format strings containing characters from the following set: \x20,\x23-\x25, \x28-\x2A, \x2C-\x3B, \x3F, \x41-\x5F, \x61-\x7B, \x7D,\x7E.
INT (based on STRING)	Sequence of digits without commas or decimals and optional leading sign character.
FLOAT (based on STRING)	Sequence of digits with optional decimal point and leading sign character.
CHAR (based on STRING)	Single character value, can include any alphanumeric character.
BOOLEAN (based on CHAR)	Char field containing either 'Y' or 'N'.
MULTIPLEVALUESSTRING (based on STRING)	String containing one or more space delimited char fields.
LOCALMKTDATE (based on STRING)	Date of Local Market in YYYYMMDD format.
CURRENCY (based on STRING)	ISO currency code (3 characters).
LENGTH (based on INT)	Length of the FIX LF message in bytes. Value must be positive.
SEQNUM (based on INT)	Message sequence number. Value must be positive.
NUMINGROUP (based on INT)	Number of entries in a repeating group. Value must be positive.
QTY (based on FLOAT)	FLOAT (15.4) field with 15 digits before decimal point and at most 4 significant decimal places.
PRICE (based on FLOAT)	FLOAT (11.8) field representing a price with 11 digits before decimal point and at most 8 significant decimal places.
AMT (based on FLOAT)	FLOAT (11.8) field representing a prices times a quantity with 11 digits before decimal point and at most 8 significant decimal places.

Data Type	Description
UTCTIMESTAMP (based on STRING)	Time/date combination in YYYYMMDD-HH:MM:SS[.ssssssss] format. The milli/micro/nanosecond part is optional. The FIX LF gateway provides timestamps in seconds only.
PERCENTAGE (based on FLOAT)	FLOAT (3.7) field representing a percentage with 3 digits before decimal point and at most 7 significant decimal places.

5 Overview of Supported Message Types

The following message formats are based on:

- Interface Version: 10.0
- Build Number: 100.590.4.ga-100005090-127

6 Message Header and Trailer

6.1 Header

Tag	Field Name	Req'd	Data Type	Description						
8	BeginString	Y	STRING	Identifies beginning of new message and protocol version. <table border="1"> <tr> <th>Value</th> <th>Description</th> </tr> <tr> <td>FIX.4.4</td> <td>VERSION 44</td> </tr> </table>	Value	Description	FIX.4.4	VERSION 44		
Value	Description									
FIX.4.4	VERSION 44									
9	BodyLength	Y	LENGTH	Message length, in bytes, forward to the CheckSum field.						
35	MsgType	Y	STRING (1-4)	Defines the message type. Valid values are listed after this table.						
34	MsgSeqNum	Y	SEQNUM	Message sequence number						
43	PossDupFlag	N	BOOLEAN	Indicates possible retransmission of message with this sequence number. The valid value 'Y' can only be set by FIX LF. <table border="1"> <tr> <th>Value</th> <th>Description</th> </tr> <tr> <td>N</td> <td>Original transmission</td> </tr> <tr> <td>Y</td> <td>Possible duplicate</td> </tr> </table>	Value	Description	N	Original transmission	Y	Possible duplicate
Value	Description									
N	Original transmission									
Y	Possible duplicate									
49	SenderCompID	Y	STRING	Assigned identifier of the party sending the message.						
52	SendingTime	Y	UTCTIME-STAMP	Time of message transmission.						
56	TargetCompID	Y	STRING	Assigned identifier of the party receiving the message. For requests the field must be set to the XMIC code (e.g. XETR) the related FIX LF session belongs to. For responses/notification the field is set to the client's compID.						
97	PossResend	N	BOOLEAN	Indicates that message may contain information that has been sent under another sequence number. The valid value 'Y' can only be set by FIX LF. <table border="1"> <tr> <th>Value</th> <th>Description</th> </tr> <tr> <td>N</td> <td>Original transmission</td> </tr> <tr> <td>Y</td> <td>Possible Resend</td> </tr> </table>	Value	Description	N	Original transmission	Y	Possible Resend
Value	Description									
N	Original transmission									
Y	Possible Resend									
122	OrigSendingTime	N	UTCTIME-STAMP	Required if PossDupFlag (43) = "Y".						

Valid Values of MsgType (datatype STRING(1-4))

Valid Value	Description
0	Heartbeat
1	Test Request
2	Resend Request
3	Reject
4	Sequence Reset
5	Logout
8	Execution Report
A	Logon
D	New Order Single Request
F	Order Cancel Request
G	Order Cancel/Replace Request
AB	New Order Multileg Request
AC	Multileg Order Cancel/Replace Request
AE	Trade Capture Report
BE	User Request
BF	User Response
UBZ	User order mass action report
UCA	User order mass action request
UCB	User Notification
UCL	User Party Risk Limits Request
UCM	User Party Risk Limits Report
U6	Session Details List
h	Trading Session Status
j	Business Message Reject
UCZ	User Party Entitlements Update Report
UDI	User Party Action Report
UCR	User Party Risk Limits Update Report
c	Security Definition Request
d	Security Definition
UDS	Cross Request
U28	Business Message Ack
R	Quote Request
S	Quote

6.2 Trailer

Tag	Field Name	Req'd	Data Type	Description
10	Checksum	Y	INT	Three byte, simple checksum.

7 Administrative Messages

Overview of messages contained in this section:

FIX Message	MsgType
Session Logon	A
Session Logout	5
Heartbeat	0
Test Request	1
Resend Request	2
Reject	3
Sequence Reset	4

7.1 Session Logon

The Logon message allows the client to connect to the FIX Gateway. It is also used by the FIX Gateway to confirm the logon.

Tag	Field Name	Req'd	Data Type	Description						
<i><Header with MsgType='A' /></i>										
98	EncryptMethod	Y	INT	Method of encryption. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>None/other</td> </tr> </tbody> </table>	Value	Description	0	None/other		
Value	Description									
0	None/other									
108	HeartBtInt	Y	INT	Heartbeat interval (seconds). The value must be greater than or equal to 30.						
554	Password	N	STRING	Password. Valid characters 0-9,A-Z,a-z,\x21,\x23,\x24,\x25,\x26,\x2A,\x2B,\x2D,\x2F,\x3D,\x40,\x						
141	ResetSeqNumFlag	N	BOOLEAN	Logon requests with ResetSeqNumFlag (141) set to Y will trigger a reset of Sequence numbers at the participant side only. The Sequence numbering for the messages generated from FIX Gateway will remain unchanged. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>N</td> <td>No</td> </tr> <tr> <td>Y</td> <td>Yes, reset Sequence numbers</td> </tr> </tbody> </table>	Value	Description	N	No	Y	Yes, reset Sequence numbers
Value	Description									
N	No									
Y	Yes, reset Sequence numbers									
1600	FIXEngineName	N	STRING (1-30)	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. This field is required in the messages sent to the FIX Gateway.						
1601	FIXEngineVersion	N	STRING (1-30)	Provides the version of the infrastructure component. This field is required in the messages sent to the FIX Gateway.						
1602	FIXEngineVendor	N	STRING (1-30)	Provides the name of the vendor providing the infrastructure component. This field is required in the messages sent to the FIX Gateway.						
1603	ApplicationSystem-Name	N	STRING (1-30)	Provides the name of the application system being used to generate FIX application messages. This will normally be a trading system, OMS, or EMS. This field is required in the messages sent to the FIX Gateway.						
1604	ApplicationSystem-Version	N	STRING (1-30)	Provides the version of the application system being used to initiate FIX application messages. This field is required in the messages sent to the FIX Gateway.						

Tag	Field Name	Req'd	Data Type	Description												
1605	ApplicationSystem-Vendor	N	STRING (1-30)	Provides the vendor of the application system. This field is required in the messages sent to the FIX Gateway.												
1408	DefaultCstmAppVer-ID	Y	STRING (1-30)	FIX LF version.												
28763	DefaultCstmAppVer-SubID	N	STRING (1-5)	Interface subversion. Identifies interface changes within one T7 release. Response only. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>D0002</td> <td>Derivatives subversion</td> </tr> </tbody> </table>	Value	Description	D0002	Derivatives subversion								
Value	Description															
D0002	Derivatives subversion															
339	TradSesMode	N	INT	Trading Session Mode. Response only. <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> <tr> <td>5</td> <td>Disaster Recovery</td> </tr> </tbody> </table>	Value	Description	1	Development	2	Simulation	3	Production	4	Acceptance	5	Disaster Recovery
Value	Description															
1	Development															
2	Simulation															
3	Production															
4	Acceptance															
5	Disaster Recovery															
1685	ThrottleInst	Y	INT	Instructs the gateway how to handle throttled transactions. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Reject if throttle limit exceeded</td> </tr> <tr> <td>1</td> <td>Queue if throttle limit exceeded (queuing time limited)</td> </tr> <tr> <td>2</td> <td>Queue if throttle limit exceeded (queuing time unlimited)</td> </tr> </tbody> </table>	Value	Description	0	Reject if throttle limit exceeded	1	Queue if throttle limit exceeded (queuing time limited)	2	Queue if throttle limit exceeded (queuing time unlimited)				
Value	Description															
0	Reject if throttle limit exceeded															
1	Queue if throttle limit exceeded (queuing time limited)															
2	Queue if throttle limit exceeded (queuing time unlimited)															
28790	ThrottleMaxQueue-Time	N	INT	Maximum queuing time of requests in milliseconds. Value must be > 0, if ThrottleInst = 1, otherwise field must not be set.												
<i><Trailer /></i>																

7.2 Session Logout

The Logout message initiates or confirms the termination of a FIX session. It is also used by the FIX Gateway to reject the FIX session logon.

Tag	Field Name	Req'd	Data Type	Description						
<i><Header with MsgType='5' /></i>										
58	Text	N	STRING (1-128)	Free format text string.						
1409	SessionStatus	N	INT	Session status. <table border="1" data-bbox="868 707 1286 875"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>Session logout complete</td> </tr> <tr> <td>5</td> <td>Invalid user name or password</td> </tr> </tbody> </table>	Value	Description	4	Session logout complete	5	Invalid user name or password
Value	Description									
4	Session logout complete									
5	Invalid user name or password									
<i><Trailer /></i>										

7.3 Heartbeat

The Heartbeat message may be used by the client and the FIX Gateway to monitor the status of the communication link during periods of inactivity.

Tag	Field Name	Req'd	Data Type	Description
<i><Header with MsgType='0' /></i>				
112	TestReqID	N	STRING	Identifier included in Test Request message to be returned in resulting Heartbeat.
<i><Trailer /></i>				

7.4 Test Request

The Test Request message is used to trigger a heartbeat message from the opposing application.

Tag	Field Name	Req'd	Data Type	Description
<Header with MsgType='1' />				
112	TestReqID	Y	STRING	Identifier included in Test Request message to be returned in resulting Heartbeat.
<Trailer />				

7.5 Resend Request

The Resend Request is used by the client and the FIX Gateway to initiate the retransmission of messages in a recovery scenario.

Tag	Field Name	Req'd	Data Type	Description
<i><Header with MsgType='2' /></i>				
7	BeginSeqNo	Y	SEQNUM	Message Sequence number of first message in range to be resent.
16	EndSeqNo	Y	SEQNUM	Message Sequence number of last message in range to be resent.
<i><Trailer /></i>				

7.6 Reject

The Reject message is used by the FIX Gateway when a message is received but cannot be properly processed due to a session-level rule violation.

Tag	Field Name	Req'd	Data Type	Description
<i><Header with MsgType='3' /></i>				
45	RefSeqNum	Y	SEQNUM	Reference message Sequence number.
58	Text	N	STRING (1-128)	Free format text string.
371	RefTagID	N	INT	The tag number of the FIX field being referenced.
372	RefMsgType	Y	STRING	The MsgType (35) of the FIX message being referenced.

Tag	Field Name	Req'd	Data Type	Description																																										
373	SessionRejectReason	N	INT	Code to identify reason for a session-level Reject message. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Invalid tag number</td> </tr> <tr> <td>1</td> <td>Required tag missing</td> </tr> <tr> <td>2</td> <td>Tag not defined for this message type</td> </tr> <tr> <td>3</td> <td>Undefined tag</td> </tr> <tr> <td>4</td> <td>Tag specified without value</td> </tr> <tr> <td>5</td> <td>Value is incorrect for this tag</td> </tr> <tr> <td>6</td> <td>Incorrect data format for value</td> </tr> <tr> <td>7</td> <td>Decryption problem</td> </tr> <tr> <td>8</td> <td>Signature problem</td> </tr> <tr> <td>9</td> <td>CompID Problem</td> </tr> <tr> <td>10</td> <td>Sending time accuracy problem</td> </tr> <tr> <td>11</td> <td>Invalid msgtype</td> </tr> <tr> <td>12</td> <td>XML Validation Error</td> </tr> <tr> <td>13</td> <td>Tag appears more than once</td> </tr> <tr> <td>14</td> <td>Tag specified out of required order</td> </tr> <tr> <td>15</td> <td>Repeating group fields out of order</td> </tr> <tr> <td>16</td> <td>Incorrect NumInGroup count for repeating group</td> </tr> <tr> <td>17</td> <td>Non 'data' value includes field delimiter</td> </tr> <tr> <td>18</td> <td>Invalid/Unsupported Application Version</td> </tr> <tr> <td>99</td> <td>Other</td> </tr> </tbody> </table>	Value	Description	0	Invalid tag number	1	Required tag missing	2	Tag not defined for this message type	3	Undefined tag	4	Tag specified without value	5	Value is incorrect for this tag	6	Incorrect data format for value	7	Decryption problem	8	Signature problem	9	CompID Problem	10	Sending time accuracy problem	11	Invalid msgtype	12	XML Validation Error	13	Tag appears more than once	14	Tag specified out of required order	15	Repeating group fields out of order	16	Incorrect NumInGroup count for repeating group	17	Non 'data' value includes field delimiter	18	Invalid/Unsupported Application Version	99	Other
Value	Description																																													
0	Invalid tag number																																													
1	Required tag missing																																													
2	Tag not defined for this message type																																													
3	Undefined tag																																													
4	Tag specified without value																																													
5	Value is incorrect for this tag																																													
6	Incorrect data format for value																																													
7	Decryption problem																																													
8	Signature problem																																													
9	CompID Problem																																													
10	Sending time accuracy problem																																													
11	Invalid msgtype																																													
12	XML Validation Error																																													
13	Tag appears more than once																																													
14	Tag specified out of required order																																													
15	Repeating group fields out of order																																													
16	Incorrect NumInGroup count for repeating group																																													
17	Non 'data' value includes field delimiter																																													
18	Invalid/Unsupported Application Version																																													
99	Other																																													
25023	ReturnCode	N	INT	Return code.																																										
<Trailer />																																														

7.7 Sequence Reset

The Sequence Reset message has two modes: Gap Fill mode is used in response to a Resend Request when one or more messages must be skipped over. Reset mode specifies an arbitrarily higher new Sequence number after an uncoverable application failure.

Tag	Field Name	Req'd	Data Type	Description						
<i><Header with MsgType='4' /></i>										
123	GapFillFlag	N	BOOLEAN	Indicates that the Sequence Reset message is replacing administrative or application messages which will not be resent. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>N</td> <td>Sequence Reset, Ignore Msg Seq Num</td> </tr> <tr> <td>Y</td> <td>Gap Fill Message, Msg Seq Num Field Valid</td> </tr> </tbody> </table>	Value	Description	N	Sequence Reset, Ignore Msg Seq Num	Y	Gap Fill Message, Msg Seq Num Field Valid
Value	Description									
N	Sequence Reset, Ignore Msg Seq Num									
Y	Gap Fill Message, Msg Seq Num Field Valid									
36	NewSeqNo	Y	SEQNUM	New Sequence number.						
<i><Trailer /></i>										

8 Application Messages

Overview of messages contained in this section:

FIX Message	MsgType
User Request	BE
User Response	BF
User Notification	UCB
New Order Single	D
New Order Multileg	AB
Order Cancel/Replace Request	G
Multileg Order Cancel/Replace Request	AC
Order Cancel Request	F
Execution Report	8
Order Mass Action Request	UCA
User Order Mass Action Report	UBZ
Business Message Acknowledgment	U28
Business Message Reject	j
Security Definition Request	c
Security Definition Response	d
Cross Request	UDS
Quote Request	R
Trading Session Status	h
User Party Entitlements Update Report	UCZ
User Party Action Report	UDI
User Party Risk Limits Update Report	UCR
User Party Risk Limits Request	UCL
User Party Risk Limits Report	UCM
Session Details List	U6
Trade Capture Report	AE

8.1 User Request

Each trader needs to logon/logoff to/from T7 via the User Request message.

Tag	Field Name	Req'd	Data Type	Description						
<i><Header with MsgType='BE' /></i>										
553	Username	Y	INT	User ID						
554	Password	N	STRING	Password. Valid characters 0-9,A-Z,a-z,\x21,\x23,\x24,\x25,\x26,\x2A,\x2B,\x2D,\x2F,\x3D,\x40,\x						
923	UserRequestID	Y	STRING (1-20)	Unique identifier for a User Request.						
924	UserRequestType	Y	INT	Indicates the action required by a User Request Message. <table border="1" data-bbox="868 797 1286 927"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Log on user</td> </tr> <tr> <td>2</td> <td>Log off user</td> </tr> </tbody> </table>	Value	Description	1	Log on user	2	Log off user
Value	Description									
1	Log on user									
2	Log off user									
<i><Trailer /></i>										

8.2 User Response

The User Response message is used to confirm the trader logon/logoff.

Tag	Field Name	Req'd	Data Type	Description						
<i><Header with MsgType='BF' /></i>										
553	Username	Y	INT	User ID						
923	UserRequestID	Y	STRING (1-20)	Unique identifier for a User Request.						
926	UserStatus	Y	INT	Indicates the status of a user. <table border="1" data-bbox="868 674 1286 801"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Logged in</td> </tr> <tr> <td>2</td> <td>Not logged in</td> </tr> </tbody> </table>	Value	Description	1	Logged in	2	Not logged in
Value	Description									
1	Logged in									
2	Not logged in									
<i><Trailer /></i>										

8.3 User Notification

The User Notification message is used to send information of an unsolicited trader logoff or send information of legal notifications.

Tag	Field Name	Req'd	Data Type	Description								
<i><Header with MsgType='UCB' /></i>												
<i><UsernameGrp>, cardinality: unrestricted, record counter: NoUsernames (809)</i>												
553	>Username	Y	INT	User ID								
<i></UsernameGrp></i>												
58	Text	N	STRING (1-128)	Free format text string.								
926	UserStatus	Y	INT	Indicates the status of a user. <table border="1" data-bbox="868 831 1286 1039"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>7</td> <td>Forced user logout by exchange</td> </tr> <tr> <td>10</td> <td>User stopped</td> </tr> <tr> <td>11</td> <td>User released</td> </tr> </tbody> </table>	Value	Description	7	Forced user logout by exchange	10	User stopped	11	User released
Value	Description											
7	Forced user logout by exchange											
10	User stopped											
11	User released											
<i><Trailer /></i>												

8.4 New Order Single

The New Order Single message is used by the client to submit an order for single leg securities.

Tag	Field Name	Req'd	Data Type	Description																				
<i><Header with MsgType='D' /></i>																								
<i><Parties>, cardinality: 1-11, record counter: NoPartyIDs (453), containing occurrences: beneficiary, client_id, entering_trader*, location_id, order_origination_firm, position_account, takeover_firm, execution_identifier_human, execution_identifier_algo, investment_identifier_human, investment_identifier_algo</i>																								
448	>PartyID	Y	STRING (1-35)	Party identifier/code.																				
447	>PartyIDSource	Y	CHAR	Identifies class or source of the PartyID (448) value. Required if PartyID is specified. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>D</td> <td>Proprietary custom code</td> </tr> <tr> <td>P</td> <td>Short code identifier</td> </tr> </tbody> </table>	Value	Description	D	Proprietary custom code	P	Short code identifier														
Value	Description																							
D	Proprietary custom code																							
P	Short code identifier																							
452	>PartyRole	Y	INT	Party Role. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>Client ID</td> </tr> <tr> <td>12</td> <td>Executing trader</td> </tr> <tr> <td>13</td> <td>Order origination firm</td> </tr> <tr> <td>32</td> <td>Beneficiary</td> </tr> <tr> <td>36</td> <td>Entering trader</td> </tr> <tr> <td>38</td> <td>Position account</td> </tr> <tr> <td>75</td> <td>Location ID</td> </tr> <tr> <td>96</td> <td>Take-up (trading) firm</td> </tr> <tr> <td>122</td> <td>Investment decision maker</td> </tr> </tbody> </table>	Value	Description	3	Client ID	12	Executing trader	13	Order origination firm	32	Beneficiary	36	Entering trader	38	Position account	75	Location ID	96	Take-up (trading) firm	122	Investment decision maker
Value	Description																							
3	Client ID																							
12	Executing trader																							
13	Order origination firm																							
32	Beneficiary																							
36	Entering trader																							
38	Position account																							
75	Location ID																							
96	Take-up (trading) firm																							
122	Investment decision maker																							
2376	>PartyRoleQualifier	N	INT	Indicates the nature of value submitted in the field PartyID (448). PartyRoleQualifier (2376) = 21 (Specialist) and 22 (Algorithm) are only possible together with PartyIDSource (447) = 'D'. PartyRoleQualifier (2376) = 24 (Natural person) is only possible together with PartyIDSource (447) = 'P'. PartyRoleQualifier (2376) = 21 (Specialist) is not allowed in request messages. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algorithm</td> </tr> <tr> <td>24</td> <td>Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algorithm	24	Natural person														
Value	Description																							
22	Algorithm																							
24	Natural person																							

Tag	Field Name	Req'd	Data Type	Description																						
802	>NoPartySubIDs	N	NUMINGROUP	Number of PartySubIDs. Only one entry. Only in combination with PartyRole (452) = 7 (Entering firm), 12 (Executing trader) and 36 (Entering trader) possible.																						
523	>PartySubID	N	STRING (1-6)	Firm or Trader Short Name, depending on the value of field PartySubIDType(803).																						
803	>PartySubIDType	N	INT	Type of PartySubID. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Person</td> </tr> </tbody> </table>	Value	Description	2	Person																		
Value	Description																									
2	Person																									
</Parties>																										
<Instrument>		Y																								
55	Symbol	Y	STRING (1-10)	T7 product identifier. Field must be set to '[N/A]' in FIX requests where the ISIN is used as instrument identifier.																						
48	SecurityID	N	INT(20)	T7 instrument identifier.																						
22	SecurityIDSource	N	STRING (1)	Source of the securityID <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>M</td> <td>Marketplace-assigned identifier</td> </tr> </tbody> </table>	Value	Description	M	Marketplace-assigned identifier																		
Value	Description																									
M	Marketplace-assigned identifier																									
1227	ProductComplex	N	INT	This field qualifies an instrument type on T7 Derivatives. <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 (used only for TES trades)</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 (used only for TES trades)
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 (used only for TES trades)																									
167	SecurityType	N	STRING (1-4)	Indicates the type of security. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>MLEG</td> <td>Multileg Instrument</td> </tr> </tbody> </table>	Value	Description	MLEG	Multileg Instrument																		
Value	Description																									
MLEG	Multileg Instrument																									

Tag	Field Name	Req'd	Data Type	Description						
762	SecuritySubType	N	INT(10)	Strategy type. Required for ProductComplex (1227) = 2=Standard Option Strategy, 4=Volatility Strategy, 6=Inter Product Spread, 7=Standard Future Strategy, 8=Pack and Bundle.						
<i></Instrument></i>										
<i><TrdgSesGrp>, cardinality: 0-1, record counter: NoTradingSessions (386)</i>										
336	>TradingSessionID	Y	INT	Identifier for trading session. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Day</td> </tr> </tbody> </table>	Value	Description	1	Day		
Value	Description									
1	Day									
625	>TradingSessionSub-ID	Y	INT	This field marks orders for a special trading phase. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>Closing auction</td> </tr> </tbody> </table>	Value	Description	4	Closing auction		
Value	Description									
4	Closing auction									
<i></TrdgSesGrp></i>										
<i><MtchgInst>, cardinality: 0-1, record counter: NoMatchInst (1624)</i>										
1625	>MatchInst	Y	INT	Matching Instruction for the order. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Do not match</td> </tr> </tbody> </table>	Value	Description	2	Do not match		
Value	Description									
2	Do not match									
28744	>MatchInstCrossID	Y	INT(10)	Numeric identifier. Contains the Self Match Prevention ID.						
<i></MtchgInst></i>										
<i><OrderAttributeGrp>, cardinality: 0-2, record counter: NoOrderAttributes (2593), containing occurrences: liquidity_provision_activity_order, risk_reduction_order</i>										
2594	>OrderAttributeType	N	INT	Type of order attribute. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Liquidity Provision Activity Order</td> </tr> <tr> <td>3</td> <td>Risk Reduction Order</td> </tr> </tbody> </table>	Value	Description	2	Liquidity Provision Activity Order	3	Risk Reduction Order
Value	Description									
2	Liquidity Provision Activity Order									
3	Risk Reduction Order									
2595	>OrderAttributeValue	N	CHAR	Value associated with the order attribute type specified in OrderAttributeType (2594). <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>Y</td> <td>Attribute is set.</td> </tr> </tbody> </table>	Value	Description	Y	Attribute is set.		
Value	Description									
Y	Attribute is set.									
<i></OrderAttributeGrp></i>										
<i><ValueChecksGrp>, cardinality: 2, record counter: NoValueChecks (1868), containing occurrences: price_check*, notional_value_check*</i>										

Tag	Field Name	Req'd	Data Type	Description										
1869	>ValueCheckType	Y	INT	Type of value to be checked. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Price check</td> </tr> <tr> <td>2</td> <td>Notional value check</td> </tr> </tbody> </table>	Value	Description	1	Price check	2	Notional value check				
Value	Description													
1	Price check													
2	Notional value check													
1870	>ValueCheckAction	Y	INT	Action to be taken for the ValueCheckType (1869). ValueCheckAction (1870) = '2' (Best effort) is only possible, if ValueCheckType (1869) = '1' (Price check). <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> <tr> <td>2</td> <td>Best effort</td> </tr> </tbody> </table>	Value	Description	0	Do not check	1	Check	2	Best effort		
Value	Description													
0	Do not check													
1	Check													
2	Best effort													
<i></ValueChecksGrp></i>														
1	Account	N	STRING (1-2)	Account.										
11	ClOrdID	Y	STRING (1-20)	Unique customer defined order request identifier										
18	ExecInst	N	MULTIPLE-VALUESTRING	Instructions for order handling. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>6</td> <td>Participate don't initiate (Book or cancel)</td> </tr> </tbody> </table>	Value	Description	6	Participate don't initiate (Book or cancel)						
Value	Description													
6	Participate don't initiate (Book or cancel)													
38	OrderQty	Y	QTY	Total Order Quantity.										
40	OrdType	Y	CHAR	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													
44	Price	N	PRICE	Limit price.										
54	Side	Y	CHAR	Side <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													
25007	FreeText1	N	STRING (1-12)	First free-format text field for trader-specific or customer-related comments.										

Tag	Field Name	Req'd	Data Type	Description														
59	TimelnForce	N	CHAR	Execution and trading restriction parameters. Will be defaulted to "0" (Day) if missing. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Day</td> </tr> <tr> <td>1</td> <td>Good till Cancel</td> </tr> <tr> <td>3</td> <td>Immediate or Cancel</td> </tr> <tr> <td>6</td> <td>Good till Date</td> </tr> </tbody> </table>	Value	Description	0	Day	1	Good till Cancel	3	Immediate or Cancel	6	Good till Date				
Value	Description																	
0	Day																	
1	Good till Cancel																	
3	Immediate or Cancel																	
6	Good till Date																	
77	PositionEffect	Y	CHAR	Indicates whether the resulting position after a trade should be an opening position or closing position. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>O</td> <td>Open</td> </tr> <tr> <td>C</td> <td>Close</td> </tr> </tbody> </table>	Value	Description	O	Open	C	Close								
Value	Description																	
O	Open																	
C	Close																	
99	StopPx	N	PRICE	Stop price.														
432	ExpireDate	N	LOCALMKT-DATE	Date of order expiration.														
1031	CustOrderHandling-Inst	N	CHAR	Rate identifier in accordance with the FIA guidelines. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>W</td> <td>Desk</td> </tr> <tr> <td>Y</td> <td>Electronic</td> </tr> <tr> <td>C</td> <td>FCM-provided screen</td> </tr> <tr> <td>G</td> <td>FCM API or FIX</td> </tr> <tr> <td>H</td> <td>Algo Engine</td> </tr> <tr> <td>D</td> <td>Default</td> </tr> </tbody> </table>	Value	Description	W	Desk	Y	Electronic	C	FCM-provided screen	G	FCM API or FIX	H	Algo Engine	D	Default
Value	Description																	
W	Desk																	
Y	Electronic																	
C	FCM-provided screen																	
G	FCM API or FIX																	
H	Algo Engine																	
D	Default																	
1724	OrderOrigination	N	INT	Direct market access identifier. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>Direct market access</td> </tr> </tbody> </table>	Value	Description	5	Direct market access										
Value	Description																	
5	Direct market access																	
1815	TradingCapacity	Y	INT	Trading capacity. <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>Market Maker</td> </tr> </tbody> </table>	Value	Description	1	Customer (Agency)	5	Principal (Proprietary)	6	Market Maker						
Value	Description																	
1	Customer (Agency)																	
5	Principal (Proprietary)																	
6	Market Maker																	
2404	ComplianceText	N	STRING (1-20)	Provide additional compliance information.														
25008	FreeText2	N	STRING (1-12)	Second free-format text field for trader-specific or customer-related comments.														
25009	FreeText3	N	STRING (1-12)	Third free-format text field for trader-specific or customer-related comments.														

Deutsche Börse Group's T7 Release 10.0
FIX LF Interface
Derivatives Message Reference

Deutsche Börse Group
Build 100.590.4.ga-100005090-127

Tag	Field Name	Req'd	Data Type	Description
<Trailer />				

8.5 New Order Multileg

The New Order Multileg message is provided to submit orders for securities that are made up of multiple securities, known as "legs".

Tag	Field Name	Req'd	Data Type	Description																				
<Header with MsgType='AB' />																								
<Parties>, cardinality: 1-11, record counter: NoPartyIDs (453), containing occurrences: beneficiary, client_id, entering_trader*, execution_identifier_human, execution_identifier_algo, investment_identifier_human, investment_identifier_algo, location_id, order_origination_firm, position_account, takeover_firm																								
448	>PartyID	Y	STRING (1-35)	Party identifier/code.																				
447	>PartyIDSource	Y	CHAR	Identifies class or source of the PartyID (448) value. Required if PartyID is specified. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>D</td> <td>Proprietary custom code</td> </tr> <tr> <td>P</td> <td>Short code identifier</td> </tr> </tbody> </table>	Value	Description	D	Proprietary custom code	P	Short code identifier														
Value	Description																							
D	Proprietary custom code																							
P	Short code identifier																							
452	>PartyRole	Y	INT	Party Role. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>Client ID</td> </tr> <tr> <td>12</td> <td>Executing trader</td> </tr> <tr> <td>13</td> <td>Order origination firm</td> </tr> <tr> <td>32</td> <td>Beneficiary</td> </tr> <tr> <td>36</td> <td>Entering trader</td> </tr> <tr> <td>38</td> <td>Position account</td> </tr> <tr> <td>75</td> <td>Location ID</td> </tr> <tr> <td>96</td> <td>Take-up (trading) firm</td> </tr> <tr> <td>122</td> <td>Investment decision maker</td> </tr> </tbody> </table>	Value	Description	3	Client ID	12	Executing trader	13	Order origination firm	32	Beneficiary	36	Entering trader	38	Position account	75	Location ID	96	Take-up (trading) firm	122	Investment decision maker
Value	Description																							
3	Client ID																							
12	Executing trader																							
13	Order origination firm																							
32	Beneficiary																							
36	Entering trader																							
38	Position account																							
75	Location ID																							
96	Take-up (trading) firm																							
122	Investment decision maker																							
2376	>PartyRoleQualifier	N	INT	Indicates the nature of value submitted in the field PartyID (448). PartyRoleQualifier (2376) = 21 (Specialist) and 22 (Algorithm) are only possible together with PartyIDSource (447) = 'D'. PartyRoleQualifier (2376) = 24 (Natural person) is only possible together with PartyIDSource (447) = 'P'. PartyRoleQualifier (2376) = 21 (Specialist) is not allowed in request messages. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algorithm</td> </tr> <tr> <td>24</td> <td>Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algorithm	24	Natural person														
Value	Description																							
22	Algorithm																							
24	Natural person																							

Tag	Field Name	Req'd	Data Type	Description																						
802	>NoPartySubIDs	N	NUMINGROUP	Number of PartySubIDs. Only one entry. Only in combination with PartyRole (452) = 7 (Entering firm), 12 (Executing trader) and 36 (Entering trader) possible.																						
523	>PartySubID	N	STRING (1-6)	Firm or Trader Short Name, depending on the value of field PartySubIDType(803).																						
803	>PartySubIDType	N	INT	Type of PartySubID. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Person</td> </tr> </tbody> </table>	Value	Description	2	Person																		
Value	Description																									
2	Person																									
</Parties>																										
<Instrument>		Y																								
55	Symbol	Y	STRING (1-10)	T7 product identifier. Field must be set to '[N/A]' in FIX requests where the ISIN is used as instrument identifier.																						
48	SecurityID	N	INT(20)	T7 instrument identifier.																						
22	SecurityIDSource	N	STRING (1)	Source of the securityID <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>M</td> <td>Marketplace-assigned identifier</td> </tr> </tbody> </table>	Value	Description	M	Marketplace-assigned identifier																		
Value	Description																									
M	Marketplace-assigned identifier																									
1227	ProductComplex	N	INT	This field qualifies an instrument type on T7 Derivatives. <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 (used only for TES trades)</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 (used only for TES trades)
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 (used only for TES trades)																									
167	SecurityType	N	STRING (1-4)	Indicates the type of security. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>MLEG</td> <td>Multileg Instrument</td> </tr> </tbody> </table>	Value	Description	MLEG	Multileg Instrument																		
Value	Description																									
MLEG	Multileg Instrument																									

Tag	Field Name	Req'd	Data Type	Description						
762	SecuritySubType	N	INT(10)	Strategy type. Required for ProductComplex (1227) = 2=Standard Option Strategy, 4=Volatility Strategy, 6=Inter Product Spread, 7=Standard Future Strategy, 8=Pack and Bundle.						
<i></Instrument></i>										
<i><LegOrdGrp>, cardinality: unrestricted, record counter: NoLegs (555)</i>										
2680	>LegAccount	Y	STRING	Leg-specific account.						
564	>LegPositionEffect	Y	CHAR	Leg-specific field used to 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>O</td> <td>Open</td> </tr> <tr> <td>C</td> <td>Close</td> </tr> </tbody> </table>	Value	Description	O	Open	C	Close
Value	Description									
O	Open									
C	Close									
<i></LegOrdGrp></i>										
<i><MtchgInst>, cardinality: 0-1, record counter: NoMatchInst (1624)</i>										
1625	>MatchInst	Y	INT	Matching Instruction for the order. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Do not match</td> </tr> </tbody> </table>	Value	Description	2	Do not match		
Value	Description									
2	Do not match									
28744	>MatchInstCrossID	Y	INT(10)	Numeric identifier. Contains the Self Match Prevention ID.						
<i></MtchgInst></i>										
<i><OrderAttributeGrp>, cardinality: 0-2, record counter: NoOrderAttributes (2593), containing occurrences: liquidity_provision_activity_order, risk_reduction_order</i>										
2594	>OrderAttributeType	N	INT	Type of order attribute. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Liquidity Provision Activity Order</td> </tr> <tr> <td>3</td> <td>Risk Reduction Order</td> </tr> </tbody> </table>	Value	Description	2	Liquidity Provision Activity Order	3	Risk Reduction Order
Value	Description									
2	Liquidity Provision Activity Order									
3	Risk Reduction Order									
2595	>OrderAttributeValue	N	CHAR	Value associated with the order attribute type specified in OrderAttributeType (2594). <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>Y</td> <td>Attribute is set.</td> </tr> </tbody> </table>	Value	Description	Y	Attribute is set.		
Value	Description									
Y	Attribute is set.									
<i></OrderAttributeGrp></i>										
<i><ValueChecksGrp>, cardinality: 2, record counter: NoValueChecks (1868), containing occurrences: price_check*, notional_value_check*</i>										
1869	>ValueCheckType	Y	INT	Type of value to be checked. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Price check</td> </tr> <tr> <td>2</td> <td>Notional value check</td> </tr> </tbody> </table>	Value	Description	1	Price check	2	Notional value check
Value	Description									
1	Price check									
2	Notional value check									

Tag	Field Name	Req'd	Data Type	Description										
1870	>ValueCheckAction	Y	INT	Action to be taken for the ValueCheckType (1869). ValueCheckAction (1870) = '2' (Best effort) is only possible, if ValueCheckType (1869) = '1' (Price check). <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> <tr> <td>2</td> <td>Best effort</td> </tr> </tbody> </table>	Value	Description	0	Do not check	1	Check	2	Best effort		
Value	Description													
0	Do not check													
1	Check													
2	Best effort													
<i></ValueChecksGrp></i>														
11	CIOrdID	Y	STRING (1-20)	Unique customer defined order request identifier										
18	ExecInst	N	MULTIPLE-VALUESTRING	Instructions for order handling. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>6</td> <td>Participate don't initiate (Book or cancel)</td> </tr> </tbody> </table>	Value	Description	6	Participate don't initiate (Book or cancel)						
Value	Description													
6	Participate don't initiate (Book or cancel)													
38	OrderQty	Y	QTY	Total Order Quantity.										
40	OrdType	Y	CHAR	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													
44	Price	Y	PRICE	Limit price.										
54	Side	Y	CHAR	Side <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													
25007	FreeText1	N	STRING (1-12)	First free-format text field for trader-specific or customer-related comments.										
59	TimelnForce	N	CHAR	Execution and trading restriction parameters. Will be defaulted to "0" (Day) if missing. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Day</td> </tr> <tr> <td>1</td> <td>Good till Cancel</td> </tr> <tr> <td>3</td> <td>Immediate or Cancel</td> </tr> <tr> <td>6</td> <td>Good till Date</td> </tr> </tbody> </table>	Value	Description	0	Day	1	Good till Cancel	3	Immediate or Cancel	6	Good till Date
Value	Description													
0	Day													
1	Good till Cancel													
3	Immediate or Cancel													
6	Good till Date													
432	ExpireDate	N	LOCALMKT-DATE	Date of order expiration.										

Tag	Field Name	Req'd	Data Type	Description														
1031	CustOrderHandling-Inst	N	CHAR	Rate identifier in accordance with the FIA guidelines. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>W</td> <td>Desk</td> </tr> <tr> <td>Y</td> <td>Electronic</td> </tr> <tr> <td>C</td> <td>FCM-provided screen</td> </tr> <tr> <td>G</td> <td>FCM API or FIX</td> </tr> <tr> <td>H</td> <td>Algo Engine</td> </tr> <tr> <td>D</td> <td>Default</td> </tr> </tbody> </table>	Value	Description	W	Desk	Y	Electronic	C	FCM-provided screen	G	FCM API or FIX	H	Algo Engine	D	Default
Value	Description																	
W	Desk																	
Y	Electronic																	
C	FCM-provided screen																	
G	FCM API or FIX																	
H	Algo Engine																	
D	Default																	
1724	OrderOrigination	N	INT	Direct market access identifier. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>Direct market access</td> </tr> </tbody> </table>	Value	Description	5	Direct market access										
Value	Description																	
5	Direct market access																	
1815	TradingCapacity	Y	INT	Trading capacity. <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>Market Maker</td> </tr> </tbody> </table>	Value	Description	1	Customer (Agency)	5	Principal (Proprietary)	6	Market Maker						
Value	Description																	
1	Customer (Agency)																	
5	Principal (Proprietary)																	
6	Market Maker																	
2404	ComplianceText	N	STRING (1-20)	Provide additional compliance information.														
25008	FreeText2	N	STRING (1-12)	Second free-format text field for trader-specific or customer-related comments.														
25009	FreeText3	N	STRING (1-12)	Third free-format text field for trader-specific or customer-related comments.														
<Trailer />																		

8.6 Order Cancel/Replace Request

The Order Cancel/Replace Request is used to modify an existing order.

Tag	Field Name	Req'd	Data Type	Description																				
<Header with MsgType='G' />																								
<Parties>, cardinality: 1-11, record counter: NoPartyIDs (453), containing occurrences: beneficiary, client_id, entering_trader*, execution_identifier_human, execution_identifier_algo, investment_identifier_human, investment_identifier_algo, location_id, order_origination_firm, position_account, takeup_firm																								
448	>PartyID	Y	STRING (1-35)	Party identifier/code.																				
447	>PartyIDSource	Y	CHAR	Identifies class or source of the PartyID (448) value. Required if PartyID is specified. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>D</td> <td>Proprietary custom code</td> </tr> <tr> <td>P</td> <td>Short code identifier</td> </tr> </tbody> </table>	Value	Description	D	Proprietary custom code	P	Short code identifier														
Value	Description																							
D	Proprietary custom code																							
P	Short code identifier																							
452	>PartyRole	Y	INT	Party Role. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>Client ID</td> </tr> <tr> <td>12</td> <td>Executing trader</td> </tr> <tr> <td>13</td> <td>Order origination firm</td> </tr> <tr> <td>32</td> <td>Beneficiary</td> </tr> <tr> <td>36</td> <td>Entering trader</td> </tr> <tr> <td>38</td> <td>Position account</td> </tr> <tr> <td>75</td> <td>Location ID</td> </tr> <tr> <td>96</td> <td>Take-up (trading) firm</td> </tr> <tr> <td>122</td> <td>Investment decision maker</td> </tr> </tbody> </table>	Value	Description	3	Client ID	12	Executing trader	13	Order origination firm	32	Beneficiary	36	Entering trader	38	Position account	75	Location ID	96	Take-up (trading) firm	122	Investment decision maker
Value	Description																							
3	Client ID																							
12	Executing trader																							
13	Order origination firm																							
32	Beneficiary																							
36	Entering trader																							
38	Position account																							
75	Location ID																							
96	Take-up (trading) firm																							
122	Investment decision maker																							
2376	>PartyRoleQualifier	N	INT	Indicates the nature of value submitted in the field PartyID (448). PartyRoleQualifier (2376) = 21 (Specialist) and 22 (Algorithm) are only possible together with PartyIDSource (447) = 'D'. PartyRoleQualifier (2376) = 24 (Natural person) is only possible together with PartyIDSource (447) = 'P'. PartyRoleQualifier (2376) = 21 (Specialist) is not allowed in request messages. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algorithm</td> </tr> <tr> <td>24</td> <td>Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algorithm	24	Natural person														
Value	Description																							
22	Algorithm																							
24	Natural person																							

Tag	Field Name	Req'd	Data Type	Description																						
802	>NoPartySubIDs	N	NUMINGROUP	Number of PartySubIDs. Only one entry. Only in combination with PartyRole (452) = 7 (Entering firm), 12 (Executing trader) and 36 (Entering trader) possible.																						
523	>PartySubID	N	STRING (1-6)	Firm or Trader Short Name, depending on the value of field PartySubIDType(803).																						
803	>PartySubIDType	N	INT	Type of PartySubID. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Person</td> </tr> </tbody> </table>	Value	Description	2	Person																		
Value	Description																									
2	Person																									
</Parties>																										
<Instrument>		Y																								
55	Symbol	Y	STRING (1-10)	T7 product identifier. Field must be set to '[N/A]' in FIX requests where the ISIN is used as instrument identifier.																						
48	SecurityID	N	INT(20)	T7 instrument identifier.																						
22	SecurityIDSource	N	STRING (1)	Source of the securityID <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>M</td> <td>Marketplace-assigned identifier</td> </tr> </tbody> </table>	Value	Description	M	Marketplace-assigned identifier																		
Value	Description																									
M	Marketplace-assigned identifier																									
1227	ProductComplex	N	INT	This field qualifies an instrument type on T7 Derivatives. <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 (used only for TES trades)</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 (used only for TES trades)
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 (used only for TES trades)																									
167	SecurityType	N	STRING (1-4)	Indicates the type of security. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>MLEG</td> <td>Multileg Instrument</td> </tr> </tbody> </table>	Value	Description	MLEG	Multileg Instrument																		
Value	Description																									
MLEG	Multileg Instrument																									

Tag	Field Name	Req'd	Data Type	Description				
762	SecuritySubType	N	INT(10)	Strategy type. Required for ProductComplex (1227) = 2=Standard Option Strategy, 4=Volatility Strategy, 6=Inter Product Spread, 7=Standard Future Strategy, 8=Pack and Bundle.				
<i></Instrument></i>								
<i><TrdgSesGrp>, cardinality: 0-1, record counter: NoTradingSessions (386)</i>								
336	>TradingSessionID	Y	INT	Identifier for trading session. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Day</td> </tr> </tbody> </table>	Value	Description	1	Day
Value	Description							
1	Day							
625	>TradingSessionSub-ID	Y	INT	This field marks orders for a special trading phase. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>Closing auction</td> </tr> </tbody> </table>	Value	Description	4	Closing auction
Value	Description							
4	Closing auction							
<i></TrdgSesGrp></i>								
<i><MtchgInst>, cardinality: 0-1, record counter: NoMatchInst (1624)</i>								
1625	>MatchInst	Y	INT	Matching Instruction for the order. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Do not match</td> </tr> </tbody> </table>	Value	Description	2	Do not match
Value	Description							
2	Do not match							
28744	>MatchInstCrossID	Y	INT(10)	Numeric identifier. Contains the Self Match Prevention ID.				
<i></MtchgInst></i>								
<i><OrderAttributeGrp>, cardinality: 0-1, record counter: NoOrderAttributes (2593), containing occurrences: liquidity_provision_activity_order</i>								
2594	>OrderAttributeType	N	INT	Type of order attribute. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Liquidity Provision Activity Order</td> </tr> </tbody> </table>	Value	Description	2	Liquidity Provision Activity Order
Value	Description							
2	Liquidity Provision Activity Order							
2595	>OrderAttributeValue	N	CHAR	Value associated with the order attribute type specified in OrderAttributeType (2594). <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>Y</td> <td>Attribute is set.</td> </tr> </tbody> </table>	Value	Description	Y	Attribute is set.
Value	Description							
Y	Attribute is set.							
<i></OrderAttributeGrp></i>								
<i><ValueChecksGrp>, cardinality: 1-3, record counter: NoValueChecks (1868)</i>								

Tag	Field Name	Req'd	Data Type	Description										
1869	>ValueCheckType	Y	INT	Type of value to be checked. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Price check</td> </tr> <tr> <td>2</td> <td>Notional value check</td> </tr> </tbody> </table>	Value	Description	1	Price check	2	Notional value check				
Value	Description													
1	Price check													
2	Notional value check													
1870	>ValueCheckAction	Y	INT	Action to be taken for the ValueCheckType (1869). ValueCheckAction (1870) = '2' (Best effort) is only possible, if ValueCheckType (1869) = '1' (Price check). <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> <tr> <td>2</td> <td>Best effort</td> </tr> </tbody> </table>	Value	Description	0	Do not check	1	Check	2	Best effort		
Value	Description													
0	Do not check													
1	Check													
2	Best effort													
<i></ValueChecksGrp></i>														
1	Account	N	STRING (1-2)	Account.										
11	CIOrdID	Y	STRING (1-20)	Unique customer defined order request identifier										
18	Execlnst	N	MULTIPLE- VALUESTRING	Instructions for order handling. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>6</td> <td>Participate don't initiate (Book or cancel)</td> </tr> </tbody> </table>	Value	Description	6	Participate don't initiate (Book or cancel)						
Value	Description													
6	Participate don't initiate (Book or cancel)													
38	OrderQty	Y	QTY	Total Order Quantity.										
40	OrdType	Y	CHAR	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													
41	OrigCIOrdID	Y	STRING (1-20)	CIOrdID (11) of the last successfully processed task (request) referring to the specific order.										
44	Price	N	PRICE	Limit price.										
54	Side	Y	CHAR	Side <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													
25007	FreeText1	N	STRING (1-12)	First free-format text field for trader-specific or customer-related comments.										

Tag	Field Name	Req'd	Data Type	Description														
59	TimelnForce	N	CHAR	Execution and trading restriction parameters. Will be defaulted to "0" (Day) if missing. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Day</td> </tr> <tr> <td>1</td> <td>Good till Cancel</td> </tr> <tr> <td>3</td> <td>Immediate or Cancel</td> </tr> <tr> <td>6</td> <td>Good till Date</td> </tr> </tbody> </table>	Value	Description	0	Day	1	Good till Cancel	3	Immediate or Cancel	6	Good till Date				
Value	Description																	
0	Day																	
1	Good till Cancel																	
3	Immediate or Cancel																	
6	Good till Date																	
77	PositionEffect	N	CHAR	Indicates whether the resulting position after a trade should be an opening position or closing position. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>O</td> <td>Open</td> </tr> <tr> <td>C</td> <td>Close</td> </tr> </tbody> </table>	Value	Description	O	Open	C	Close								
Value	Description																	
O	Open																	
C	Close																	
99	StopPx	N	PRICE	Stop price.														
432	ExpireDate	N	LOCALMKT-DATE	Date of order expiration.														
1031	CustOrderHandling-Inst	N	CHAR	Rate identifier in accordance with the FIA guidelines. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>W</td> <td>Desk</td> </tr> <tr> <td>Y</td> <td>Electronic</td> </tr> <tr> <td>C</td> <td>FCM-provided screen</td> </tr> <tr> <td>G</td> <td>FCM API or FIX</td> </tr> <tr> <td>H</td> <td>Algo Engine</td> </tr> <tr> <td>D</td> <td>Default</td> </tr> </tbody> </table>	Value	Description	W	Desk	Y	Electronic	C	FCM-provided screen	G	FCM API or FIX	H	Algo Engine	D	Default
Value	Description																	
W	Desk																	
Y	Electronic																	
C	FCM-provided screen																	
G	FCM API or FIX																	
H	Algo Engine																	
D	Default																	
1724	OrderOrigination	N	INT	Direct market access identifier. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>Direct market access</td> </tr> </tbody> </table>	Value	Description	5	Direct market access										
Value	Description																	
5	Direct market access																	
1815	TradingCapacity	Y	INT	Trading capacity. <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>Market Maker</td> </tr> </tbody> </table>	Value	Description	1	Customer (Agency)	5	Principal (Proprietary)	6	Market Maker						
Value	Description																	
1	Customer (Agency)																	
5	Principal (Proprietary)																	
6	Market Maker																	
2404	ComplianceText	N	STRING (1-20)	Provide additional compliance information.														
25008	FreeText2	N	STRING (1-12)	Second free-format text field for trader-specific or customer-related comments.														
25009	FreeText3	N	STRING (1-12)	Third free-format text field for trader-specific or customer-related comments.														

Deutsche Börse Group's T7 Release 10.0
FIX LF Interface
Derivatives Message Reference

Deutsche Börse Group
Build 100.590.4.ga-100005090-127

Tag	Field Name	Req'd	Data Type	Description
<Trailer />				

8.7 Multileg Order Cancel/Replace Request

The Multileg Order Cancel/Replace Request is used to modify a multileg order (previously submitted using the New Order Multileg message).

Tag	Field Name	Req'd	Data Type	Description																				
<i><Header with MsgType='AC' /></i>																								
<i><Parties>, cardinality: 1-11, record counter: NoPartyIDs (453), containing occurrences: beneficiary, client_id, entering_trader*, execution_identifier_human, execution_identifier_algo, investment_identifier_human, investment_identifier_algo, location_id, order_origination_firm, position_account, takeup_firm</i>																								
448	>PartyID	Y	STRING (1-35)	Party identifier/code.																				
447	>PartyIDSource	Y	CHAR	Identifies class or source of the PartyID (448) value. Required if PartyID is specified. <table border="1" data-bbox="869 875 1286 1003"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>D</td> <td>Proprietary custom code</td> </tr> <tr> <td>P</td> <td>Short code identifier</td> </tr> </tbody> </table>	Value	Description	D	Proprietary custom code	P	Short code identifier														
Value	Description																							
D	Proprietary custom code																							
P	Short code identifier																							
452	>PartyRole	Y	INT	Party Role. <table border="1" data-bbox="869 1070 1286 1496"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>Client ID</td> </tr> <tr> <td>12</td> <td>Executing trader</td> </tr> <tr> <td>13</td> <td>Order origination firm</td> </tr> <tr> <td>32</td> <td>Beneficiary</td> </tr> <tr> <td>36</td> <td>Entering trader</td> </tr> <tr> <td>38</td> <td>Position account</td> </tr> <tr> <td>75</td> <td>Location ID</td> </tr> <tr> <td>96</td> <td>Take-up (trading) firm</td> </tr> <tr> <td>122</td> <td>Investment decision maker</td> </tr> </tbody> </table>	Value	Description	3	Client ID	12	Executing trader	13	Order origination firm	32	Beneficiary	36	Entering trader	38	Position account	75	Location ID	96	Take-up (trading) firm	122	Investment decision maker
Value	Description																							
3	Client ID																							
12	Executing trader																							
13	Order origination firm																							
32	Beneficiary																							
36	Entering trader																							
38	Position account																							
75	Location ID																							
96	Take-up (trading) firm																							
122	Investment decision maker																							
2376	>PartyRoleQualifier	N	INT	Indicates the nature of value submitted in the field PartyID (448). PartyRoleQualifier (2376) = 21 (Specialist) and 22 (Algorithm) are only possible together with PartyIDSource (447) = 'D'. PartyRoleQualifier (2376) = 24 (Natural person) is only possible together with PartyIDSource (447) = 'P'. PartyRoleQualifier (2376) = 21 (Specialist) is not allowed in request messages. <table border="1" data-bbox="869 1877 1286 2004"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algorithm</td> </tr> <tr> <td>24</td> <td>Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algorithm	24	Natural person														
Value	Description																							
22	Algorithm																							
24	Natural person																							

Tag	Field Name	Req'd	Data Type	Description																						
802	>NoPartySubIDs	N	NUMINGROUP	Number of PartySubIDs. Only one entry. Only in combination with PartyRole (452) = 7 (Entering firm), 12 (Executing trader) and 36 (Entering trader) possible.																						
523	>PartySubID	N	STRING (1-6)	Firm or Trader Short Name, depending on the value of field PartySubIDType(803).																						
803	>PartySubIDType	N	INT	Type of PartySubID. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Person</td> </tr> </tbody> </table>	Value	Description	2	Person																		
Value	Description																									
2	Person																									
</Parties>																										
<Instrument>		Y																								
55	Symbol	Y	STRING (1-10)	T7 product identifier. Field must be set to '[N/A]' in FIX requests where the ISIN is used as instrument identifier.																						
48	SecurityID	N	INT(20)	T7 instrument identifier.																						
22	SecurityIDSource	N	STRING (1)	Source of the securityID <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>M</td> <td>Marketplace-assigned identifier</td> </tr> </tbody> </table>	Value	Description	M	Marketplace-assigned identifier																		
Value	Description																									
M	Marketplace-assigned identifier																									
1227	ProductComplex	N	INT	This field qualifies an instrument type on T7 Derivatives. <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 (used only for TES trades)</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 (used only for TES trades)
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 (used only for TES trades)																									
167	SecurityType	N	STRING (1-4)	Indicates the type of security. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>MLEG</td> <td>Multileg Instrument</td> </tr> </tbody> </table>	Value	Description	MLEG	Multileg Instrument																		
Value	Description																									
MLEG	Multileg Instrument																									

Tag	Field Name	Req'd	Data Type	Description						
762	SecuritySubType	N	INT(10)	Strategy type. Required for ProductComplex (1227) = 2=Standard Option Strategy, 4=Volatility Strategy, 6=Inter Product Spread, 7=Standard Future Strategy, 8=Pack and Bundle.						
</Instrument>										
<LegOrdGrp>, cardinality: unrestricted, record counter: NoLegs (555)										
2680	>LegAccount	Y	STRING	Leg-specific account.						
564	>LegPositionEffect	Y	CHAR	Leg-specific field used to indicates whether the leg is submitted to open or close a position. <table border="1" data-bbox="869 786 1287 916"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>O</td> <td>Open</td> </tr> <tr> <td>C</td> <td>Close</td> </tr> </tbody> </table>	Value	Description	O	Open	C	Close
Value	Description									
O	Open									
C	Close									
</LegOrdGrp>										
<MtchgInst>, cardinality: 0-1, record counter: NoMatchInst (1624)										
1625	>MatchInst	Y	INT	Matching Instruction for the order. <table border="1" data-bbox="869 1064 1287 1149"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Do not match</td> </tr> </tbody> </table>	Value	Description	2	Do not match		
Value	Description									
2	Do not match									
28744	>MatchInstCrossID	Y	INT(10)	Numeric identifier. Contains the Self Match Prevention ID.						
</MtchgInst>										
<OrderAttributeGrp>, cardinality: 0-1, record counter: NoOrderAttributes (2593), containing occurrences: liquidity_provision_activity_order										
2594	>OrderAttributeType	N	INT	Type of order attribute. <table border="1" data-bbox="869 1417 1287 1541"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Liquidity Provision Activity Order</td> </tr> </tbody> </table>	Value	Description	2	Liquidity Provision Activity Order		
Value	Description									
2	Liquidity Provision Activity Order									
2595	>OrderAttributeValue	N	CHAR	Value associated with the order attribute type specified in OrderAttributeType (2594). <table border="1" data-bbox="869 1653 1287 1738"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>Y</td> <td>Attribute is set.</td> </tr> </tbody> </table>	Value	Description	Y	Attribute is set.		
Value	Description									
Y	Attribute is set.									
</OrderAttributeGrp>										
<ValueChecksGrp>, cardinality: 2, record counter: NoValueChecks (1868), containing occurrences: price_check*, notional_value_check*										
1869	>ValueCheckType	Y	INT	Type of value to be checked. <table border="1" data-bbox="869 1921 1287 2045"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Price check</td> </tr> <tr> <td>2</td> <td>Notional value check</td> </tr> </tbody> </table>	Value	Description	1	Price check	2	Notional value check
Value	Description									
1	Price check									
2	Notional value check									

Tag	Field Name	Req'd	Data Type	Description										
1870	>ValueCheckAction	Y	INT	Action to be taken for the ValueCheckType (1869). ValueCheckAction (1870) = '2' (Best effort) is only possible, if ValueCheckType (1869) = '1' (Price check). <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> <tr> <td>2</td> <td>Best effort</td> </tr> </tbody> </table>	Value	Description	0	Do not check	1	Check	2	Best effort		
Value	Description													
0	Do not check													
1	Check													
2	Best effort													
<i></ValueChecksGrp></i>														
11	CIOrdID	Y	STRING (1-20)	Unique customer defined order request identifier										
18	ExecInst	N	MULTIPLE-VALUESTRING	Instructions for order handling. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>6</td> <td>Participate don't initiate (Book or cancel)</td> </tr> </tbody> </table>	Value	Description	6	Participate don't initiate (Book or cancel)						
Value	Description													
6	Participate don't initiate (Book or cancel)													
38	OrderQty	Y	QTY	Total Order Quantity.										
40	OrdType	Y	CHAR	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													
41	OrigCIOrdID	Y	STRING (1-20)	CIOrdID (11) of the last successfully processed task (request) referring to the specific order.										
44	Price	Y	PRICE	Limit price.										
54	Side	Y	CHAR	Side <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													
25007	FreeText1	N	STRING (1-12)	First free-format text field for trader-specific or customer-related comments.										
59	TimelnForce	N	CHAR	Execution and trading restriction parameters. Will be defaulted to "0" (Day) if missing. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Day</td> </tr> <tr> <td>1</td> <td>Good till Cancel</td> </tr> <tr> <td>3</td> <td>Immediate or Cancel</td> </tr> <tr> <td>6</td> <td>Good till Date</td> </tr> </tbody> </table>	Value	Description	0	Day	1	Good till Cancel	3	Immediate or Cancel	6	Good till Date
Value	Description													
0	Day													
1	Good till Cancel													
3	Immediate or Cancel													
6	Good till Date													
432	ExpireDate	N	LOCALMKT-DATE	Date of order expiration.										

Tag	Field Name	Req'd	Data Type	Description														
1031	CustOrderHandling-Inst	N	CHAR	Rate identifier in accordance with the FIA guidelines. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>W</td> <td>Desk</td> </tr> <tr> <td>Y</td> <td>Electronic</td> </tr> <tr> <td>C</td> <td>FCM-provided screen</td> </tr> <tr> <td>G</td> <td>FCM API or FIX</td> </tr> <tr> <td>H</td> <td>Algo Engine</td> </tr> <tr> <td>D</td> <td>Default</td> </tr> </tbody> </table>	Value	Description	W	Desk	Y	Electronic	C	FCM-provided screen	G	FCM API or FIX	H	Algo Engine	D	Default
Value	Description																	
W	Desk																	
Y	Electronic																	
C	FCM-provided screen																	
G	FCM API or FIX																	
H	Algo Engine																	
D	Default																	
1724	OrderOrigination	N	INT	Direct market access identifier. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>Direct market access</td> </tr> </tbody> </table>	Value	Description	5	Direct market access										
Value	Description																	
5	Direct market access																	
1815	TradingCapacity	Y	INT	Trading capacity. <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>Market Maker</td> </tr> </tbody> </table>	Value	Description	1	Customer (Agency)	5	Principal (Proprietary)	6	Market Maker						
Value	Description																	
1	Customer (Agency)																	
5	Principal (Proprietary)																	
6	Market Maker																	
2404	ComplianceText	N	STRING (1-20)	Provide additional compliance information.														
25008	FreeText2	N	STRING (1-12)	Second free-format text field for trader-specific or customer-related comments.														
25009	FreeText3	N	STRING (1-12)	Third free-format text field for trader-specific or customer-related comments.														
<Trailer />																		

8.8 Order Cancel Request

The Order Cancel Request is used to delete an existing order.

Tag	Field Name	Req'd	Data Type	Description								
<i><Header with MsgType='F' /></i>												
<i><Parties>, cardinality: 1-5, record counter: NoPartyIDs (453), containing occurrences: entering_trader*, execution_identifier_human, execution_identifier_algo, investment_identifier_human, investment_identifier_algo</i>												
448	>PartyID	Y	STRING (1-35)	Party identifier/code.								
447	>PartyIDSource	Y	CHAR	Identifies class or source of the PartyID (448) value. Required if PartyID is specified. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>D</td> <td>Proprietary custom code</td> </tr> <tr> <td>P</td> <td>Short code identifier</td> </tr> </tbody> </table>	Value	Description	D	Proprietary custom code	P	Short code identifier		
Value	Description											
D	Proprietary custom code											
P	Short code identifier											
452	>PartyRole	Y	INT	Party Role. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>12</td> <td>Executing trader</td> </tr> <tr> <td>36</td> <td>Entering trader</td> </tr> <tr> <td>122</td> <td>Investment decision maker</td> </tr> </tbody> </table>	Value	Description	12	Executing trader	36	Entering trader	122	Investment decision maker
Value	Description											
12	Executing trader											
36	Entering trader											
122	Investment decision maker											
2376	>PartyRoleQualifier	N	INT	Indicates the nature of value submitted in the field PartyID (448). PartyRoleQualifier (2376) = 21 (Specialist) and 22 (Algorithm) are only possible together with PartyIDSource (447) = 'D'. PartyRoleQualifier (2376) = 24 (Natural person) is only possible together with PartyIDSource (447) = 'P'. PartyRoleQualifier (2376) = 21 (Specialist) is not allowed in request messages. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algorithm</td> </tr> <tr> <td>24</td> <td>Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algorithm	24	Natural person		
Value	Description											
22	Algorithm											
24	Natural person											
802	>NoPartySubIDs	N	NUMINGROUP	Number of PartySubIDs. Only one entry. Only in combination with PartyRole (452) = 7 (Entering firm), 12 (Executing trader) and 36 (Entering trader) possible.								
523	>PartySubID	N	STRING (1-6)	Firm or Trader Short Name, depending on the value of field PartySubIDType(803).								
803	>PartySubIDType	N	INT	Type of PartySubID. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Person</td> </tr> </tbody> </table>	Value	Description	2	Person				
Value	Description											
2	Person											
<i></Parties></i>												

Tag	Field Name	Req'd	Data Type	Description																						
<Instrument>		Y																								
55	Symbol	Y	STRING (1-10)	T7 product identifier. Field must be set to '[N/A]' in FIX requests where the ISIN is used as instrument identifier.																						
48	SecurityID	N	INT(20)	T7 instrument identifier.																						
22	SecurityIDSource	N	STRING (1)	Source of the securityID <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>M</td> <td>Marketplace-assigned identifier</td> </tr> </tbody> </table>	Value	Description	M	Marketplace-assigned identifier																		
Value	Description																									
M	Marketplace-assigned identifier																									
1227	ProductComplex	N	INT	This field qualifies an instrument type on T7 Derivatives. <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 (used only for TES trades)</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 (used only for TES trades)
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 (used only for TES trades)																									
167	SecurityType	N	STRING (1-4)	Indicates the type of security. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>MLEG</td> <td>Multileg Instrument</td> </tr> </tbody> </table>	Value	Description	MLEG	Multileg Instrument																		
Value	Description																									
MLEG	Multileg Instrument																									
762	SecuritySubType	N	INT(10)	Strategy type. Required for ProductComplex (1227) = 2=Standard Option Strategy, 4=Volatility Strategy, 6=Inter Product Spread, 7=Standard Future Strategy, 8=Pack and Bundle.																						
</Instrument>																										
11	CIOrdID	Y	STRING (1-20)	Unique customer defined order request identifier																						
37	OrderID	N	INT(20)	Exchange Order ID generated by the T7 system.																						
41	OrigCIOrdID	N	STRING (1-20)	CIOrdID (11) of the last successfully processed task (request) referring to the specific order.																						

Tag	Field Name	Req'd	Data Type	Description				
1724	OrderOrigination	N	INT	Direct market access identifier. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>Direct market access</td> </tr> </tbody> </table>	Value	Description	5	Direct market access
Value	Description							
5	Direct market access							
2404	ComplianceText	N	STRING (1-20)	Provide additional compliance information.				
<Trailer />								

8.9 Execution Report

The Execution Report message is used to confirm the receipt of an order, confirm changes to an existing order, transmit all active orders, relay fill information.

Tag	Field Name	Req'd	Data Type	Description																						
<Header with MsgType='8' />																										
<Parties>, cardinality: 0-10, record counter: NoPartyIDs (453), containing occurrences: beneficiary, entering_firm, entering_trader, executing_trader, executing_unit, location_id, order_origination_firm, position_account, session_ID, takeover_firm																										
448	>PartyID	Y	STRING (1-35)	Party identifier/code.																						
447	>PartyIDSource	Y	CHAR	Identifies class or source of the PartyID (448) value. Required if PartyID is specified. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>D</td> <td>Proprietary custom code</td> </tr> </tbody> </table>	Value	Description	D	Proprietary custom code																		
Value	Description																									
D	Proprietary custom code																									
452	>PartyRole	Y	INT	Party Role. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>7</td> <td>Entering firm</td> </tr> <tr> <td>12</td> <td>Executing trader</td> </tr> <tr> <td>13</td> <td>Order origination firm</td> </tr> <tr> <td>32</td> <td>Beneficiary</td> </tr> <tr> <td>36</td> <td>Entering trader</td> </tr> <tr> <td>38</td> <td>Position account</td> </tr> <tr> <td>55</td> <td>Session ID</td> </tr> <tr> <td>59</td> <td>Executing unit</td> </tr> <tr> <td>75</td> <td>Location ID</td> </tr> <tr> <td>96</td> <td>Take-up (trading) firm</td> </tr> </tbody> </table>	Value	Description	7	Entering firm	12	Executing trader	13	Order origination firm	32	Beneficiary	36	Entering trader	38	Position account	55	Session ID	59	Executing unit	75	Location ID	96	Take-up (trading) firm
Value	Description																									
7	Entering firm																									
12	Executing trader																									
13	Order origination firm																									
32	Beneficiary																									
36	Entering trader																									
38	Position account																									
55	Session ID																									
59	Executing unit																									
75	Location ID																									
96	Take-up (trading) firm																									
2376	>PartyRoleQualifier	N	INT	Indicates the nature of value submitted in the field PartyID (448). PartyRoleQualifier (2376) = 21 (Specialist) and 22 (Algorithm) are only possible together with PartyIDSource (447) = 'D'. PartyRoleQualifier (2376) = 24 (Natural person) is only possible together with PartyIDSource (447) = 'P'. PartyRoleQualifier (2376) = 21 (Specialist) is not allowed in request messages. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algorithm</td> </tr> <tr> <td>24</td> <td>Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algorithm	24	Natural person																
Value	Description																									
22	Algorithm																									
24	Natural person																									

Tag	Field Name	Req'd	Data Type	Description						
802	>NoPartySubIDs	N	NUMINGROUP	Number of PartySubIDs. Only one entry. Only in combination with PartyRole (452) = 7 (Entering firm), 12 (Executing trader) and 36 (Entering trader) possible.						
523	>PartySubID	N	STRING (1-6)	Firm or Trader Short Name, depending on the value of field PartySubIDType(803).						
803	>PartySubIDType	N	INT	Type of PartySubID. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Person</td> </tr> </tbody> </table>	Value	Description	2	Person		
Value	Description									
2	Person									
</Parties>										
<InstrmtLegExecGrp>, cardinality: unrestricted, record counter: NoLegs (555)										
600	>LegSymbol	Y	STRING (1-10)	Multileg instrument's individual security's Symbol.						
602	>LegSecurityID	N	INT(20)	Multileg instrument's individual security's SecurityID.						
2680	>LegAccount	N	STRING	Leg-specific account.						
564	>LegPositionEffect	N	CHAR	Leg-specific field used to 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>O</td> <td>Open</td> </tr> <tr> <td>C</td> <td>Close</td> </tr> </tbody> </table>	Value	Description	O	Open	C	Close
Value	Description									
O	Open									
C	Close									
637	>LegLastPx	N	PRICE	Execution price assigned to a leg of a multileg instrument.						
1418	>LegLastQty	N	QTY	Fill quantity for the leg instrument.						
1893	>LegExecID	N	INT	Private identifier of a leg match event, which can be reconciled with the field SideTradeID (1506) in the User/TradeCaptureReport (UAE/AE). Private identifier of a leg match event, which can be reconciled with the field SideTradeID (1506) in the UserTradeCaptureReport (UAE). Private identifier of a leg match event, which can be reconciled with the field SideTradeID (1506) in the TradeCaptureReport (AE).						
</InstrmtLegExecGrp>										
<Instrument>		Y								
55	Symbol	Y	STRING (1-10)	T7 product identifier. Field must be set to '[N/A]' in FIX requests where the ISIN is used as instrument identifier.						
48	SecurityID	N	INT(20)	T7 instrument identifier.						

Tag	Field Name	Req'd	Data Type	Description																						
22	SecurityIDSource	N	STRING (1)	Source of the securityID <table border="1"> <tr> <th>Value</th> <th>Description</th> </tr> <tr> <td>M</td> <td>Marketplace-assigned identifier</td> </tr> </table>	Value	Description	M	Marketplace-assigned identifier																		
Value	Description																									
M	Marketplace-assigned identifier																									
1227	ProductComplex	N	INT	This field qualifies an instrument type on T7 Derivatives. <table border="1"> <tr> <th>Value</th> <th>Description</th> </tr> <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 (used only for TES trades)</td> </tr> </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 (used only for TES trades)
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 (used only for TES trades)																									
167	SecurityType	N	STRING (1-4)	Indicates the type of security. <table border="1"> <tr> <th>Value</th> <th>Description</th> </tr> <tr> <td>MLEG</td> <td>Multileg Instrument</td> </tr> </table>	Value	Description	MLEG	Multileg Instrument																		
Value	Description																									
MLEG	Multileg Instrument																									
762	SecuritySubType	N	INT(10)	Strategy type. Required for ProductComplex (1227) = 2=Standard Option Strategy, 4=Volatility Strategy, 6=Inter Product Spread, 7=Standard Future Strategy, 8=Pack and Bundle.																						
<i></Instrument></i>																										
<i><MtchgInst>, cardinality: 0-1, record counter: NoMatchInst (1624)</i>																										
1625	>MatchInst	Y	INT	Matching Instruction for the order. <table border="1"> <tr> <th>Value</th> <th>Description</th> </tr> <tr> <td>2</td> <td>Do not match</td> </tr> </table>	Value	Description	2	Do not match																		
Value	Description																									
2	Do not match																									
28744	>MatchInstCrossID	Y	INT(10)	Numeric identifier. Contains the Self Match Prevention ID.																						
<i></MtchgInst></i>																										
1	Account	N	STRING (1-2)	Account.																						
11	ClOrdID	N	STRING (1-20)	Unique customer defined order request identifier																						
14	CumQty	Y	QTY	Cumulated executed quantity.																						

Tag	Field Name	Req'd	Data Type	Description																				
17	ExecID	Y	STRING (80)	The field provides a unique identifier and can be used for the identification of duplicate order messages.																				
18	ExecInst	N	MULTIPLE-VALUESTRING	Instructions for order handling. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>H</td> <td>Reinstate on trading system failure (persistent)</td> </tr> <tr> <td>Q</td> <td>Cancel on trading system failure (non-persistent)</td> </tr> <tr> <td>6</td> <td>Participate don't initiate (Book or cancel)</td> </tr> </tbody> </table>	Value	Description	H	Reinstate on trading system failure (persistent)	Q	Cancel on trading system failure (non-persistent)	6	Participate don't initiate (Book or cancel)												
Value	Description																							
H	Reinstate on trading system failure (persistent)																							
Q	Cancel on trading system failure (non-persistent)																							
6	Participate don't initiate (Book or cancel)																							
31	LastPx	N	PRICE	Price level.																				
32	LastQty	N	QTY	Quantity executed in a fill or deleted in a SMP match																				
37	OrderID	Y	INT(20)	Exchange Order ID generated by the T7 system.																				
38	OrderQty	Y	QTY	Total Order Quantity.																				
39	OrdStatus	Y	CHAR	Identifies current status of 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>Canceled</td> </tr> <tr> <td>6</td> <td>Pending cancel</td> </tr> <tr> <td>8</td> <td>Rejected</td> </tr> <tr> <td>9</td> <td>Suspended</td> </tr> <tr> <td>A</td> <td>Pending new</td> </tr> <tr> <td>E</td> <td>Pending replace</td> </tr> </tbody> </table>	Value	Description	0	New	1	Partially filled	2	Filled	4	Canceled	6	Pending cancel	8	Rejected	9	Suspended	A	Pending new	E	Pending replace
Value	Description																							
0	New																							
1	Partially filled																							
2	Filled																							
4	Canceled																							
6	Pending cancel																							
8	Rejected																							
9	Suspended																							
A	Pending new																							
E	Pending replace																							
40	OrdType	N	CHAR	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																							
41	OrigClOrdID	N	STRING (1-20)	ClOrdID (11) of the last successfully processed task (request) referring to the specific order.																				
44	Price	N	PRICE	Limit price.																				

Tag	Field Name	Req'd	Data Type	Description																								
54	Side	Y	CHAR	Side of 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																											
25007	FreeText1	N	STRING (1-12)	First free-format text field for trader-specific or customer-related comments.																								
59	TimelnForce	N	CHAR	Execution and trading restriction parameters. Will be defaulted to "0" (Day) if missing. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Day</td> </tr> <tr> <td>1</td> <td>Good till Cancel</td> </tr> <tr> <td>3</td> <td>Immediate or Cancel</td> </tr> <tr> <td>6</td> <td>Good till Date</td> </tr> </tbody> </table>	Value	Description	0	Day	1	Good till Cancel	3	Immediate or Cancel	6	Good till Date														
Value	Description																											
0	Day																											
1	Good till Cancel																											
3	Immediate or Cancel																											
6	Good till Date																											
77	PositionEffect	N	CHAR	Indicates whether the resulting position after a trade should be an opening position or closing position. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>O</td> <td>Open</td> </tr> <tr> <td>C</td> <td>Close</td> </tr> </tbody> </table>	Value	Description	O	Open	C	Close																		
Value	Description																											
O	Open																											
C	Close																											
99	StopPx	N	PRICE	Stop price.																								
150	ExecType	Y	CHAR	Describes the specific ExecutionRpt while Ord-Status (39) will always identify the current order status. <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>Canceled</td> </tr> <tr> <td>5</td> <td>Replace</td> </tr> <tr> <td>6</td> <td>Pending cancel</td> </tr> <tr> <td>8</td> <td>Rejected</td> </tr> <tr> <td>9</td> <td>Suspended</td> </tr> <tr> <td>A</td> <td>Pending new</td> </tr> <tr> <td>D</td> <td>Restated</td> </tr> <tr> <td>E</td> <td>Pending replace</td> </tr> <tr> <td>F</td> <td>Trade</td> </tr> <tr> <td>L</td> <td>Triggered by system</td> </tr> </tbody> </table>	Value	Description	0	New	4	Canceled	5	Replace	6	Pending cancel	8	Rejected	9	Suspended	A	Pending new	D	Restated	E	Pending replace	F	Trade	L	Triggered by system
Value	Description																											
0	New																											
4	Canceled																											
5	Replace																											
6	Pending cancel																											
8	Rejected																											
9	Suspended																											
A	Pending new																											
D	Restated																											
E	Pending replace																											
F	Trade																											
L	Triggered by system																											

Tag	Field Name	Req'd	Data Type	Description														
151	LeavesQty	Y	QTY	Quantity open for further execution. If the Ord-Status (39) is Canceled, Expired, Calculated, or Rejected (in which case the order is no longer active) then LeavesQty could be 0, otherwise LeavesQty = OrderQty (38) - CumQty (14).														
336	TradingSessionID	N	INT	Identifier for trading session. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Day</td> </tr> </tbody> </table>	Value	Description	1	Day										
Value	Description																	
1	Day																	
378	ExecRestatement-Reason	N	INT	Code to identify reason for an Execution Report message sent with ExecType=Restated or used when communicating an unsolicited cancel. Valid values are listed after this table.														
432	ExpireDate	N	LOCALMKT-DATE	Date of order expiration.														
527	SecondaryExecID	N	INT(10)	Assigned by the party which accepts the order. Can be used to provide the ExecID used by an exchange or executing system.														
625	TradingSessionSubID	N	INT	This field marks orders for a special trading phase. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>Closing auction</td> </tr> </tbody> </table>	Value	Description	4	Closing auction										
Value	Description																	
4	Closing auction																	
851	LastLiquidityInd	N	INT	Indicator to identify whether this fill was a result of a liquidity provider providing or liquidity taker taking the liquidity. Applicable only for OrdStatus of Partial or Filled. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Add Liquidity</td> </tr> <tr> <td>2</td> <td>Removed Liquidity</td> </tr> <tr> <td>4</td> <td>Auction (neither passive nor aggressive, includes VDO matching at midpoint)</td> </tr> <tr> <td>5</td> <td>Triggered Stop Order</td> </tr> <tr> <td>6</td> <td>Triggered One-cancels-the-other Order</td> </tr> <tr> <td>7</td> <td>Triggered Market Order</td> </tr> </tbody> </table>	Value	Description	1	Add Liquidity	2	Removed Liquidity	4	Auction (neither passive nor aggressive, includes VDO matching at midpoint)	5	Triggered Stop Order	6	Triggered One-cancels-the-other Order	7	Triggered Market Order
Value	Description																	
1	Add Liquidity																	
2	Removed Liquidity																	
4	Auction (neither passive nor aggressive, includes VDO matching at midpoint)																	
5	Triggered Stop Order																	
6	Triggered One-cancels-the-other Order																	
7	Triggered Market Order																	
880	TrdMatchID	N	INT(10)	Identifier assigned to a trade by a matching system.														

Tag	Field Name	Req'd	Data Type	Description														
1815	TradingCapacity	N	INT	Trading capacity. <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>Market Maker</td> </tr> </tbody> </table>	Value	Description	1	Customer (Agency)	5	Principal (Proprietary)	6	Market Maker						
Value	Description																	
1	Customer (Agency)																	
5	Principal (Proprietary)																	
6	Market Maker																	
2523	CrossedIndicator	N	INT	Indicator will be delivered in case of deletion or modification due to Self Match Prevention. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Cross rejected</td> </tr> </tbody> </table>	Value	Description	1	Cross rejected										
Value	Description																	
1	Cross rejected																	
1823	Triggered	N	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 (Default)</td> </tr> <tr> <td>1</td> <td>Triggered</td> </tr> </tbody> </table>	Value	Description	0	Not triggered (Default)	1	Triggered								
Value	Description																	
0	Not triggered (Default)																	
1	Triggered																	
2404	ComplianceText	N	STRING (1-20)	Provide additional compliance information.														
25008	FreeText2	N	STRING (1-12)	Second free-format text field for trader-specific or customer-related comments.														
25009	FreeText3	N	STRING (1-12)	Third free-format text field for trader-specific or customer-related comments.														
30060	UTransactTime	N	INT(20)	Transaction timestamp. Number of nanoseconds since Jan 1, 1970.														
1031	CustOrderHandling-Inst	N	CHAR	Rate identifier in accordance with the FIA guidelines. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>W</td> <td>Desk</td> </tr> <tr> <td>Y</td> <td>Electronic</td> </tr> <tr> <td>C</td> <td>FCM-provided screen</td> </tr> <tr> <td>G</td> <td>FCM API or FIX</td> </tr> <tr> <td>H</td> <td>Algo Engine</td> </tr> <tr> <td>D</td> <td>Default</td> </tr> </tbody> </table>	Value	Description	W	Desk	Y	Electronic	C	FCM-provided screen	G	FCM API or FIX	H	Algo Engine	D	Default
Value	Description																	
W	Desk																	
Y	Electronic																	
C	FCM-provided screen																	
G	FCM API or FIX																	
H	Algo Engine																	
D	Default																	
<i>< Trailer /></i>																		

Valid Values of ExecRestatementReason (datatype INT)

Valid Value	Description
1	GT renewal / restatement (no corporate action, order book restatement)
100	Unknown Order State
101	Order Added
102	Order Replaced

103	Order Canceled
105	Immediate or Cancel Order Canceled
108	Book Order executed
114	Order has been changed to IOC
122	Instrument State Change
135	Market Order Triggered
149	Closing Auction Only Order Activated
150	Closing Auction Only Order Inactivated
164	One-cancels-the-other Order Triggered
172	Stop Order Triggered
181	Ownership Changed
197	Order Cancellation Pending
199	Pending Cancellation Applied
212	Book Or Cancel Order Canceled
261	Panic Cancel
302	Market Order uncrossing
340	CLIP execution after improvement period
343	CLIP request canceled by arrangement time out
344	CLIP cancellation

8.10 Order Mass Action Request

The UserOrderMassActionRequest (UCA) will allow the deletion of multiple orders based on different filter criteria.

Tag	Field Name	Req'd	Data Type	Description								
<i><Header with MsgType='UCA' /></i>												
<i><Parties>, cardinality: 1-5, record counter: NoPartyIDs (453), containing occurrences: entering_trader*, execution_identifier_human, execution_identifier_algo, investment_identifier_human, investment_identifier_algo</i>												
448	>PartyID	Y	STRING (1-35)	Party identifier/code.								
447	>PartyIDSource	Y	CHAR	Identifies class or source of the PartyID (448) value. Required if PartyID is specified. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>D</td> <td>Proprietary custom code</td> </tr> <tr> <td>P</td> <td>Short code identifier</td> </tr> </tbody> </table>	Value	Description	D	Proprietary custom code	P	Short code identifier		
Value	Description											
D	Proprietary custom code											
P	Short code identifier											
452	>PartyRole	Y	INT	Party Role. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>12</td> <td>Executing trader</td> </tr> <tr> <td>36</td> <td>Entering trader</td> </tr> <tr> <td>122</td> <td>Investment decision maker</td> </tr> </tbody> </table>	Value	Description	12	Executing trader	36	Entering trader	122	Investment decision maker
Value	Description											
12	Executing trader											
36	Entering trader											
122	Investment decision maker											
2376	>PartyRoleQualifier	N	INT	Indicates the nature of value submitted in the field PartyID (448). PartyRoleQualifier (2376) = 21 (Specialist) and 22 (Algorithm) are only possible together with PartyIDSource (447) = 'D'. PartyRoleQualifier (2376) = 24 (Natural person) is only possible together with PartyIDSource (447) = 'P'. PartyRoleQualifier (2376) = 21 (Specialist) is not allowed in request messages. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algorithm</td> </tr> <tr> <td>24</td> <td>Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algorithm	24	Natural person		
Value	Description											
22	Algorithm											
24	Natural person											
802	>NoPartySubIDs	N	NUMINGROUP	Number of PartySubIDs. Only one entry. Only in combination with PartyRole (452) = 7 (Entering firm), 12 (Executing trader) and 36 (Entering trader) possible.								
523	>PartySubID	N	STRING (1-6)	Firm or Trader Short Name, depending on the value of field PartySubIDType(803).								
803	>PartySubIDType	N	INT	Type of PartySubID. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Person</td> </tr> </tbody> </table>	Value	Description	2	Person				
Value	Description											
2	Person											

Tag	Field Name	Req'd	Data Type	Description																						
</Parties>																										
<TargetParties>, cardinality: 0-2, record counter: NoTargetPartyIDs (1461), containing occurrences: target_executing_trader, target_session_ID																										
1462	>TargetPartyID	Y	INT	PartyID value within an target party repeating group.																						
1463	>TargetParty- IDSource	Y	CHAR	PartyIDSource value within an target party repeating group. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>D</td> <td>Proprietary custom code</td> </tr> </tbody> </table>	Value	Description	D	Proprietary custom code																		
Value	Description																									
D	Proprietary custom code																									
1464	>TargetPartyRole	Y	INT	PartyRole value within a target party repeating group. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>12</td> <td>Executing trader</td> </tr> <tr> <td>55</td> <td>Session ID</td> </tr> </tbody> </table>	Value	Description	12	Executing trader	55	Session ID																
Value	Description																									
12	Executing trader																									
55	Session ID																									
</TargetParties>																										
<Instrument>		Y																								
55	Symbol	Y	STRING (1-10)	T7 product identifier. Field must be set to '[N/A]' in FIX requests where the ISIN is used as instrument identifier.																						
48	SecurityID	N	INT(20)	T7 instrument identifier.																						
22	SecurityIDSource	N	STRING (1)	Source of the securityID <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>M</td> <td>Marketplace-assigned identifier</td> </tr> </tbody> </table>	Value	Description	M	Marketplace-assigned identifier																		
Value	Description																									
M	Marketplace-assigned identifier																									
1227	ProductComplex	N	INT	This field qualifies an instrument type on T7 Derivatives. <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 (used only for TES trades)</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 (used only for TES trades)
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 (used only for TES trades)																									

Tag	Field Name	Req'd	Data Type	Description								
167	SecurityType	N	STRING (1-4)	Indicates the type of security. <table border="1"> <tr> <td>Value</td> <td>Description</td> </tr> <tr> <td>MLEG</td> <td>Multileg Instrument</td> </tr> </table>	Value	Description	MLEG	Multileg Instrument				
Value	Description											
MLEG	Multileg Instrument											
762	SecuritySubType	N	INT(10)	Strategy type. Required for ProductComplex (1227) = 2=Standard Option Strategy, 4=Volatility Strategy, 6=Inter Product Spread, 7=Standard Future Strategy, 8=Pack and Bundle.								
<i></Instrument></i>												
11	CIOrdID	Y	STRING (1-20)	Unique customer defined order request identifier								
1374	MassActionScope	Y	INT	Specifies the session scope of Order Mass Action Request. <table border="1"> <tr> <td>Value</td> <td>Description</td> </tr> <tr> <td>6</td> <td>All orders for a specific session</td> </tr> <tr> <td>7</td> <td>All orders for the own session</td> </tr> <tr> <td>100</td> <td>All orders for all sessions</td> </tr> </table>	Value	Description	6	All orders for a specific session	7	All orders for the own session	100	All orders for all sessions
Value	Description											
6	All orders for a specific session											
7	All orders for the own session											
100	All orders for all sessions											
44	Price	N	PRICE	Limit price.								
54	Side	N	CHAR	Side <table border="1"> <tr> <td>Value</td> <td>Description</td> </tr> <tr> <td>1</td> <td>Buy</td> </tr> <tr> <td>2</td> <td>Sell</td> </tr> </table>	Value	Description	1	Buy	2	Sell		
Value	Description											
1	Buy											
2	Sell											
1724	OrderOrigination	N	INT	Direct market access identifier. <table border="1"> <tr> <td>Value</td> <td>Description</td> </tr> <tr> <td>5</td> <td>Direct market access</td> </tr> </table>	Value	Description	5	Direct market access				
Value	Description											
5	Direct market access											
<i><Trailer /></i>												

8.11 User Order Mass Action Report

This message informs about mass cancellation events.

Tag	Field Name	Req'd	Data Type	Description																						
<i><Header with MsgType='UBZ' /></i>																										
<i><Instrument></i>		Y																								
55	Symbol	Y	STRING (1-10)	T7 product identifier. Field must be set to '[N/A]' in FIX requests where the ISIN is used as instrument identifier.																						
48	SecurityID	N	INT(20)	T7 instrument identifier.																						
22	SecurityIDSource	N	STRING (1)	Source of the securityID <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>M</td> <td>Marketplace-assigned identifier</td> </tr> </tbody> </table>	Value	Description	M	Marketplace-assigned identifier																		
Value	Description																									
M	Marketplace-assigned identifier																									
1227	ProductComplex	N	INT	This field qualifies an instrument type on T7 Derivatives. <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 (used only for TES trades)</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 (used only for TES trades)
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 (used only for TES trades)																									
167	SecurityType	N	STRING (1-4)	Indicates the type of security. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>MLEG</td> <td>Multileg Instrument</td> </tr> </tbody> </table>	Value	Description	MLEG	Multileg Instrument																		
Value	Description																									
MLEG	Multileg Instrument																									
762	SecuritySubType	N	INT(10)	Strategy type. Required for ProductComplex (1227) = 2=Standard Option Strategy, 4=Volatility Strategy, 6=Inter Product Spread, 7=Standard Future Strategy, 8=Pack and Bundle.																						
<i></Instrument></i>																										
<i><Parties>, cardinality: 0-4, record counter: NoPartyIDs (453), containing occurrences: entering_trader, entering_firm, executing_trader, session_ID</i>																										
448	>PartyID	Y	STRING (1-35)	Party identifier/code.																						

Tag	Field Name	Req'd	Data Type	Description										
447	>PartyIDSource	Y	CHAR	Identifies class or source of the PartyID (448) value. Required if PartyID is specified. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>D</td> <td>Proprietary custom code</td> </tr> </tbody> </table>	Value	Description	D	Proprietary custom code						
Value	Description													
D	Proprietary custom code													
452	>PartyRole	Y	INT	Party Role. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>7</td> <td>Entering firm</td> </tr> <tr> <td>12</td> <td>Executing trader</td> </tr> <tr> <td>36</td> <td>Entering trader</td> </tr> <tr> <td>55</td> <td>Session ID</td> </tr> </tbody> </table>	Value	Description	7	Entering firm	12	Executing trader	36	Entering trader	55	Session ID
Value	Description													
7	Entering firm													
12	Executing trader													
36	Entering trader													
55	Session ID													
2376	>PartyRoleQualifier	N	INT	Indicates the nature of value submitted in the field PartyID (448). PartyRoleQualifier (2376) = 21 (Specialist) and 22 (Algorithm) are only possible together with PartyIDSource (447) = 'D'. PartyRoleQualifier (2376) = 24 (Natural person) is only possible together with PartyIDSource (447) = 'P'. PartyRoleQualifier (2376) = 21 (Specialist) is not allowed in request messages. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algorithm</td> </tr> <tr> <td>24</td> <td>Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algorithm	24	Natural person				
Value	Description													
22	Algorithm													
24	Natural person													
802	>NoPartySubIDs	N	NUMINGROUP	Number of PartySubIDs. Only one entry. Only in combination with PartyRole (452) = 7 (Entering firm), 12 (Executing trader) and 36 (Entering trader) possible.										
523	>PartySubID	N	STRING (1-6)	Firm or Trader Short Name, depending on the value of field PartySubIDType(803).										
803	>PartySubIDType	N	INT	Type of PartySubID. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Person</td> </tr> </tbody> </table>	Value	Description	2	Person						
Value	Description													
2	Person													
</Parties>														
<NotAffectedOrdersGrp>, cardinality: unrestricted, record counter: NoNotAffectedOrders (1370)														
1371	>NotAffectedOrderID	Y	INT(20)	Exchange Order ID of an order whose cancellation is pending.										
1372	>NotAffOrigCOrdID	N	STRING (1-20)	FIX Client Order ID of an order whose cancellation is pending.										
</NotAffectedOrdersGrp>														
11	CIOrdID	N	STRING (1-20)	Unique customer defined order request identifier										

Tag	Field Name	Req'd	Data Type	Description																																
54	Side	N	CHAR	Side <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																																			
44	Price	N	PRICE	Limit price.																																
30018	UExecInst	N	MULTIPLE- VALUESTRING	Reason for mass cancellation. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>H</td> <td>Reinstate on trading system failure (persistent)</td> </tr> <tr> <td>Q</td> <td>Cancel on trading system failure (non-persistent)</td> </tr> </tbody> </table>	Value	Description	H	Reinstate on trading system failure (persistent)	Q	Cancel on trading system failure (non-persistent)																										
Value	Description																																			
H	Reinstate on trading system failure (persistent)																																			
Q	Cancel on trading system failure (non-persistent)																																			
1369	MassActionReportID	Y	INT(20)	Transaction timestamp.																																
28721	MassActionReason	Y	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>100</td> <td>Internal connection loss</td> </tr> <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> <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	100	Internal connection loss	105	Product State Halt	106	Product State Holiday	107	Instrument Suspended	109	Complex Instrument Deletion	110	Volatility Interruption	111	Product temporarily not tradeable	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																																			
100	Internal connection loss																																			
105	Product State Halt																																			
106	Product State Holiday																																			
107	Instrument Suspended																																			
109	Complex Instrument Deletion																																			
110	Volatility Interruption																																			
111	Product temporarily not tradeable																																			
117	Member has been disabled																																			
< Trailer />																																				

8.12 Business Message Acknowledgment

This message confirms the successful processing of the referenced message.

Tag	Field Name	Req'd	Data Type	Description
<i><Header with MsgType='U28' /></i>				
45	RefSeqNum	Y	SEQNUM	Reference message Sequence number.
372	RefMsgType	Y	STRING	The MsgType (35) of the FIX message being referenced.
30379	BusinessAckRefID	Y	STRING	The value of the business-level ID field on the message being referenced.
<i><Trailer /></i>				

8.13 Business Message Reject

The Business Message Reject message indicates that an application message has been rejected.

Tag	Field Name	Req'd	Data Type	Description
<i><Header with MsgType='j' /></i>				
45	RefSeqNum	Y	SEQNUM	Reference message Sequence number.
58	Text	N	STRING (1-128)	Free format text string.
372	RefMsgType	Y	STRING	The MsgType (35) of the FIX message being referenced.
380	BusinessRejectReason	Y	INT	Code to identify reason for a Business Message Reject message. Valid values are listed after this table.
379	BusinessRejectRefID	N	STRING (1-20)	The value of the business-level ID field on the message being referenced.
<i><Trailer /></i>				

Valid Values of BusinessRejectReason (datatype INT)

Valid Value	Description
0	Other
3	Unsupported message type
4	Application not available
5	Conditionally required field missing
8	Throttle limit exceeded
102	Service temporarily not available
103	Service not available
105	Error converting response or broadcast
200	Internal technical error
210	Validation Error
211	User already logged in
217	Session login limit (per time interval) reached
223	User Entitlement Data time out
225	User login tries limit (per time interval) reached
226	Limit of outstanding session/user logins reached (per Business Unit)
227	Limit of outstanding session/user logins reached (per Session)
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
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

8.14 Security Definition Request

The Security Definition Request message is used to create a strategy on T7.

Tag	Field Name	Req'd	Data Type	Description						
<Header with MsgType='c' />										
<Parties>, cardinality: 1, record counter: NoPartyIDs (453), containing occurrences: entering_trader*										
448	>PartyID	Y	STRING (1-35)	Party identifier/code.						
447	>PartyIDSource	Y	CHAR	Identifies class or source of the PartyID (448) value. Required if PartyID is specified. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>D</td> <td>Proprietary custom code</td> </tr> </tbody> </table>	Value	Description	D	Proprietary custom code		
Value	Description									
D	Proprietary custom code									
452	>PartyRole	Y	INT	Party Role. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>36</td> <td>Entering trader</td> </tr> </tbody> </table>	Value	Description	36	Entering trader		
Value	Description									
36	Entering trader									
2376	>PartyRoleQualifier	N	INT	Indicates the nature of value submitted in the field PartyID (448). PartyRoleQualifier (2376) = 21 (Specialist) and 22 (Algorithm) are only possible together with PartyIDSource (447) = 'D'. PartyRoleQualifier (2376) = 24 (Natural person) is only possible together with PartyIDSource (447) = 'P'. PartyRoleQualifier (2376) = 21 (Specialist) is not allowed in request messages. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algorithm</td> </tr> <tr> <td>24</td> <td>Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algorithm	24	Natural person
Value	Description									
22	Algorithm									
24	Natural person									
802	>NoPartySubIDs	N	NUMINGROUP	Number of PartySubIDs. Only one entry. Only in combination with PartyRole (452) = 7 (Entering firm), 12 (Executing trader) and 36 (Entering trader) possible.						
523	>PartySubID	N	STRING (1-6)	Firm or Trader Short Name, depending on the value of field PartySubIDType(803).						
803	>PartySubIDType	N	INT	Type of PartySubID. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Person</td> </tr> </tbody> </table>	Value	Description	2	Person		
Value	Description									
2	Person									
</Parties>										
<Instrument>		Y								
55	Symbol	Y	STRING (1-10)	T7 product identifier. Field must be set to '[N/A]' in FIX requests where the ISIN is used as instrument identifier.						
48	SecurityID	N	INT(20)	T7 instrument identifier.						

Tag	Field Name	Req'd	Data Type	Description																						
22	SecurityIDSource	N	STRING (1)	Source of the securityID <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>M</td> <td>Marketplace-assigned identifier</td> </tr> </tbody> </table>	Value	Description	M	Marketplace-assigned identifier																		
Value	Description																									
M	Marketplace-assigned identifier																									
1227	ProductComplex	N	INT	This field qualifies an instrument type on T7 Derivatives. <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 (used only for TES trades)</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 (used only for TES trades)
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 (used only for TES trades)																									
167	SecurityType	N	STRING (1-4)	Indicates the type of security. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>MLEG</td> <td>Multileg Instrument</td> </tr> </tbody> </table>	Value	Description	MLEG	Multileg Instrument																		
Value	Description																									
MLEG	Multileg Instrument																									
762	SecuritySubType	N	INT(10)	Strategy type. Required for ProductComplex (1227) = 2=Standard Option Strategy, 4=Volatility Strategy, 6=Inter Product Spread, 7=Standard Future Strategy, 8=Pack and Bundle.																						
<i></Instrument></i>																										
<i><InstrmtLegGrp>, cardinality: unrestricted, record counter: NoLegs (555)</i>																										
600	>LegSymbol	Y	STRING (1-10)	Multileg instrument's individual security's Symbol.																						
602	>LegSecurityID	Y	INT(20)	Multileg instrument's individual security's SecurityID.																						
609	>LegSecurityType	Y	INT	Indicates type of security. <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																									
623	>LegRatioQty	Y	QTY	Quantity of this strategy leg.																						

Tag	Field Name	Req'd	Data Type	Description						
624	>LegSide	Y	CHAR	The side of this individual leg (multileg security). <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									
566	>LegPrice	N	PRICE	Price for leg of a multileg. See Price (44) field for description						
<i></InstrmtLegGrp></i>										
320	SecurityReqID	Y	STRING (1-20)	Unique ID of a Security Definition Request.						
321	SecurityRequestType	Y	INT	Type of Security Definition Request. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Request Security identity for the specifications provided</td> </tr> </tbody> </table>	Value	Description	1	Request Security identity for the specifications provided		
Value	Description									
1	Request Security identity for the specifications provided									
2404	ComplianceText	N	STRING (1-20)	Provide additional compliance information.						
<i><Trailer /></i>										

8.15 Security Definition Response

The Security Definition message is used to accept the security defined in a Security Definition message.

Tag	Field Name	Req'd	Data Type	Description																						
<i><Header with MsgType='d' /></i>																										
<i><Instrument></i>		Y																								
55	Symbol	Y	STRING (1-10)	T7 product identifier. Field must be set to '[N/A]' in FIX requests where the ISIN is used as instrument identifier.																						
48	SecurityID	N	INT(20)	T7 instrument identifier.																						
22	SecurityIDSource	N	STRING (1)	Source of the securityID <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>M</td> <td>Marketplace-assigned identifier</td> </tr> </tbody> </table>	Value	Description	M	Marketplace-assigned identifier																		
Value	Description																									
M	Marketplace-assigned identifier																									
1227	ProductComplex	N	INT	This field qualifies an instrument type on T7 Derivatives. <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 (used only for TES trades)</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 (used only for TES trades)
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 (used only for TES trades)																									
167	SecurityType	N	STRING (1-4)	Indicates the type of security. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>MLEG</td> <td>Multileg Instrument</td> </tr> </tbody> </table>	Value	Description	MLEG	Multileg Instrument																		
Value	Description																									
MLEG	Multileg Instrument																									
762	SecuritySubType	N	INT(10)	Strategy type. Required for ProductComplex (1227) = 2=Standard Option Strategy, 4=Volatility Strategy, 6=Inter Product Spread, 7=Standard Future Strategy, 8=Pack and Bundle.																						
<i></Instrument></i>																										
<i><InstrmtLegGrp>, cardinality: unrestricted, record counter: NoLegs (555)</i>																										

Tag	Field Name	Req'd	Data Type	Description						
600	>LegSymbol	Y	STRING (1-10)	Multileg instrument's individual security's Symbol.						
602	>LegSecurityID	Y	INT(20)	Multileg instrument's individual security's SecurityID.						
609	>LegSecurityType	Y	INT	Indicates type of security. <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									
623	>LegRatioQty	Y	QTY	Quantity of this strategy leg.						
624	>LegSide	Y	CHAR	The side of this individual leg (multileg security). <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									
566	>LegPrice	N	PRICE	Price for leg of a multileg. See Price (44) field for description						
<i></InstrmtLegGrp></i>										
<i><MarketSegmentGrp>, cardinality: unrestricted, record counter: NoMarketSegments (1310)</i>										
1148	>LowLimitPrice	N	PRICE	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	PRICE	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.						
1144	>ImpliedMarket-Indicator	Y	INT	Indicates that an implied market should be created for either the legs of a multileg instrument (Implied-in) or for the multileg 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 multileg 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	Data Type	Description						
1377	>MultilegModel	Y	INT	Specifies the type of multileg order. <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									
</MarketSegmentGrp>										
320	SecurityReqID	Y	STRING (1-20)	Unique ID of a Security Definition Request.						
322	SecurityResponseID	Y	STRING	Identifier for the Security Definition message.						
28614	NumberOfSecurities	Y	INT	Number of strategies that have been created over session, product and business day.						
<Trailer />										

8.16 Cross Request

The Cross Request message is used for the publication of Cross Trade Announcements.

Tag	Field Name	Req'd	Data Type	Description				
<i><Header with MsgType='UDS' /></i>								
<i><RootParties>, cardinality: 1, record counter: NoRootPartyIDs (1116), containing occurrences: root_entering_trader</i>								
1117	>RootPartyID	Y	STRING (1-10)	Root party identifier.				
1118	>RootPartyIDSource	Y	CHAR	Identifies class or source of the RootPartyID (1117) value. <table border="1"> <tr> <td>Value</td> <td>Description</td> </tr> <tr> <td>D</td> <td>Proprietary custom code</td> </tr> </table>	Value	Description	D	Proprietary custom code
Value	Description							
D	Proprietary custom code							
1119	>RootPartyRole	Y	INT	Identifies the type role of the RootPartyID (1117) specified. <table border="1"> <tr> <td>Value</td> <td>Description</td> </tr> <tr> <td>36</td> <td>Entering trader</td> </tr> </table>	Value	Description	36	Entering trader
Value	Description							
36	Entering trader							
<i></RootParties></i>								
<i><Instrument></i>		N						
55	Symbol	Y	STRING (1-10)	T7 product identifier. Field must be set to '[N/A]' in FIX requests where the ISIN is used as instrument identifier.				
48	SecurityID	N	INT(20)	T7 instrument identifier.				
22	SecurityIDSource	N	STRING (1)	Source of the securityID <table border="1"> <tr> <td>Value</td> <td>Description</td> </tr> <tr> <td>M</td> <td>Marketplace-assigned identifier</td> </tr> </table>	Value	Description	M	Marketplace-assigned identifier
Value	Description							
M	Marketplace-assigned identifier							

Tag	Field Name	Req'd	Data Type	Description																						
1227	ProductComplex	N	INT	<p>This field qualifies an instrument type on T7 Derivatives.</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 (used only for TES trades)</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 (used only for TES trades)
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 (used only for TES trades)																									
167	SecurityType	N	STRING (1-4)	<p>Indicates the type of security.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>MLEG</td> <td>Multileg Instrument</td> </tr> </tbody> </table>	Value	Description	MLEG	Multileg Instrument																		
Value	Description																									
MLEG	Multileg Instrument																									
762	SecuritySubType	N	INT(10)	<p>Strategy type. Required for ProductComplex (1227) = 2=Standard Option Strategy, 4=Volatility Strategy, 6=Inter Product Spread, 7=Standard Future Strategy, 8=Pack and Bundle.</p>																						
<i></Instrument></i>																										
38	OrderQty	Y	QTY	Total Order Quantity.																						
2404	ComplianceText	N	STRING (1-20)	Provide additional compliance information.																						
2672	CrossRequestID	Y	INT	Unique identifier for cross request. Uniqueness will be completely within the user's responsibility.																						
<i><Trailer /></i>																										

8.17 Quote Request

The Quote Request message is used to request public quotes from market makers (T7 Cash, T7 Derivatives) and private quotes from specialists (T7 Cash). This message is commonly referred to as a Request For Quote (RFQ).

Tag	Field Name	Req'd	Data Type	Description																						
<Header with MsgType='R' />																										
<QuoteReqGrp>, cardinality: 1, record counter: NoRelatedSym (146)																										
<Instrument>		Y																								
55	Symbol	Y	STRING (1-10)	T7 product identifier. Field must be set to '[N/A]' in FIX requests where the ISIN is used as instrument identifier.																						
48	SecurityID	N	INT(20)	T7 instrument identifier.																						
22	SecurityIDSource	N	STRING (1)	Source of the securityID <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>M</td> <td>Marketplace-assigned identifier</td> </tr> </tbody> </table>	Value	Description	M	Marketplace-assigned identifier																		
Value	Description																									
M	Marketplace-assigned identifier																									
1227	ProductComplex	N	INT	This field qualifies an instrument type on T7 Derivatives. <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 (used only for TES trades)</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 (used only for TES trades)
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 (used only for TES trades)																									
167	SecurityType	N	STRING (1-4)	Indicates the type of security. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>MLEG</td> <td>Multileg Instrument</td> </tr> </tbody> </table>	Value	Description	MLEG	Multileg Instrument																		
Value	Description																									
MLEG	Multileg Instrument																									
762	SecuritySubType	N	INT(10)	Strategy type. Required for ProductComplex (1227) = 2=Standard Option Strategy, 4=Volatility Strategy, 6=Inter Product Spread, 7=Standard Future Strategy, 8=Pack and Bundle.																						
</Instrument>																										

Tag	Field Name	Req'd	Data Type	Description						
54	>Side	N	CHAR	Side <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									
38	>OrderQty	N	QTY	Total Order Quantity.						
<i><Parties>, cardinality: 1, record counter: NoPartyIDs (453), containing occurrences: entering_trader*</i>										
448	>PartyID	Y	STRING (1-35)	Party identifier/code.						
447	>PartyIDSource	Y	CHAR	Identifies class or source of the PartyID (448) value. Required if PartyID is specified. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>D</td> <td>Proprietary custom code</td> </tr> </tbody> </table>	Value	Description	D	Proprietary custom code		
Value	Description									
D	Proprietary custom code									
452	>PartyRole	Y	INT	Party Role. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>36</td> <td>Entering trader</td> </tr> </tbody> </table>	Value	Description	36	Entering trader		
Value	Description									
36	Entering trader									
2376	>PartyRoleQualifier	N	INT	Indicates the nature of value submitted in the field PartyID (448). PartyRoleQualifier (2376) = 21 (Specialist) and 22 (Algorithm) are only possible together with PartyIDSource (447) = 'D'. PartyRoleQualifier (2376) = 24 (Natural person) is only possible together with PartyIDSource (447) = 'P'. PartyRoleQualifier (2376) = 21 (Specialist) is not allowed in request messages. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algorithm</td> </tr> <tr> <td>24</td> <td>Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algorithm	24	Natural person
Value	Description									
22	Algorithm									
24	Natural person									
802	>NoPartySubIDs	N	NUMINGROUP	Number of PartySubIDs. Only one entry. Only in combination with PartyRole (452) = 7 (Entering firm), 12 (Executing trader) and 36 (Entering trader) possible.						
523	>PartySubID	N	STRING (1-6)	Firm or Trader Short Name, depending on the value of field PartySubIDType(803).						
803	>PartySubIDType	N	INT	Type of PartySubID. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Person</td> </tr> </tbody> </table>	Value	Description	2	Person		
Value	Description									
2	Person									
<i></Parties></i>										
<i></QuoteReqGrp></i>										
131	QuoteReqID	Y	STRING (1-20)	Unique identifier of a quote request message. Must be INT(8) in case of a private quote.						

Tag	Field Name	Req'd	Data Type	Description
2404	ComplianceText	N	STRING (1-20)	Provide additional compliance information.
<Trailer />				

8.18 Trading Session Status

The Trading Session Status message informs about session related events.

Tag	Field Name	Req'd	Data Type	Description								
<i><Header with MsgType='h' /></i>												
58	Text	N	STRING (1-128)	Free format text string.								
336	TradingSessionID	Y	INT	Identifier for trading session. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Day</td> </tr> </tbody> </table>	Value	Description	1	Day				
Value	Description											
1	Day											
1368	TradSesEvent	Y	INT	Trading session event type. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>103</td> <td>End of restatement</td> </tr> <tr> <td>201</td> <td>Message transmission ended</td> </tr> </tbody> </table>	Value	Description	103	End of restatement	201	Message transmission ended		
Value	Description											
103	End of restatement											
201	Message transmission ended											
340	TradSesStatus	Y	INT	State of the trading session. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Unknown</td> </tr> <tr> <td>2</td> <td>Open</td> </tr> <tr> <td>3</td> <td>Closed</td> </tr> </tbody> </table>	Value	Description	0	Unknown	2	Open	3	Closed
Value	Description											
0	Unknown											
2	Open											
3	Closed											
1300	MarketSegmentID	N	INT(10)	Product identifier.								
30060	UTransactTime	N	INT(20)	Transaction timestamp. Number of nanoseconds since Jan 1, 1970.								
30075	UTradeDate	N	LOCALMKT- DATE	Date of trading session in YYYYMMDD format.								
<i><Trailer /></i>												

8.19 User Party Entitlements Update Report

User Party Entitlements Update Report. This message communicates risk control events related to the manual stop or release of trading functionality. Events will be generated on the Clearing back end and passed to the user by the T7 back end.

Tag	Field Name	Req'd	Data Type	Description										
<i><Header with MsgType='UCZ' /></i>														
<i><Parties>, cardinality: 2-4, record counter: NoPartyIDs (453), containing occurrences: clearing_firm, entering_firm, executing_system*, executing_unit*</i>														
448	>PartyID	Y	STRING (1-35)	Party identifier/code.										
447	>PartyIDSource	Y	CHAR	Identifies class or source of the PartyID (448) value. Required if PartyID is specified. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>D</td> <td>Proprietary custom code</td> </tr> </tbody> </table>	Value	Description	D	Proprietary custom code						
Value	Description													
D	Proprietary custom code													
452	>PartyRole	Y	INT	Party Role. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>Clearing firm</td> </tr> <tr> <td>7</td> <td>Entering firm</td> </tr> <tr> <td>16</td> <td>Executing system</td> </tr> <tr> <td>59</td> <td>Executing unit</td> </tr> </tbody> </table>	Value	Description	4	Clearing firm	7	Entering firm	16	Executing system	59	Executing unit
Value	Description													
4	Clearing firm													
7	Entering firm													
16	Executing system													
59	Executing unit													
2376	>PartyRoleQualifier	N	INT	Indicates the nature of value submitted in the field PartyID (448). PartyRoleQualifier (2376) = 21 (Specialist) and 22 (Algorithm) are only possible together with PartyIDSource (447) = 'D'. PartyRoleQualifier (2376) = 24 (Natural person) is only possible together with PartyIDSource (447) = 'P'. PartyRoleQualifier (2376) = 21 (Specialist) is not allowed in request messages. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algorithm</td> </tr> <tr> <td>24</td> <td>Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algorithm	24	Natural person				
Value	Description													
22	Algorithm													
24	Natural person													
802	>NoPartySubIDs	N	NUMINGROUP	Number of PartySubIDs. Only one entry. Only in combination with PartyRole (452) = 7 (Entering firm), 12 (Executing trader) and 36 (Entering trader) possible.										
523	>PartySubID	N	STRING (1-6)	Firm or Trader Short Name, depending on the value of field PartySubIDType(803).										
803	>PartySubIDType	N	INT	Type of PartySubID. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Person</td> </tr> </tbody> </table>	Value	Description	2	Person						
Value	Description													
2	Person													

Tag	Field Name	Req'd	Data Type	Description						
</Parties>										
439	ClearingFirm	N	STRING	Firm that will clear the trade.						
75	TradeDate	N	LOCALMKT- DATE	Business date in YYYYMMDD format.						
1324	ListUpdateAction	N	CHAR	Invocation or release of a control event. <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)									
1672	PartyDetailStatus	N	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>Suspended</td> </tr> </tbody> </table>	Value	Description	0	Active	1	Suspended
Value	Description									
0	Active									
1	Suspended									
30060	UTransactTime	Y	INT(20)	Transaction timestamp. Number of nanoseconds since Jan 1, 1970.						
1301	MarketID	Y	EXCHANGE	Market Identifier Code of the trading market according to ISO 10383.						
<Trailer />										

8.20 User Party Action Report

User Party Action Report. This message communicates risk control events of type halt-trading and re-instate. Events will be entered via the T7 Admin GUI.

Tag	Field Name	Req'd	Data Type	Description						
<i><Header with MsgType='UDI' /></i>										
<i><Parties>, cardinality: 1-2, record counter: NoPartyIDs (453), containing occurrences: executing_unit*, executing_trader</i>										
448	>PartyID	Y	STRING (1-35)	Party identifier/code.						
447	>PartyIDSource	Y	CHAR	Identifies class or source of the PartyID (448) value. Required if PartyID is specified. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>D</td> <td>Proprietary custom code</td> </tr> </tbody> </table>	Value	Description	D	Proprietary custom code		
Value	Description									
D	Proprietary custom code									
452	>PartyRole	Y	INT	Party Role. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>12</td> <td>Executing trader</td> </tr> <tr> <td>59</td> <td>Executing unit</td> </tr> </tbody> </table>	Value	Description	12	Executing trader	59	Executing unit
Value	Description									
12	Executing trader									
59	Executing unit									
2376	>PartyRoleQualifier	N	INT	Indicates the nature of value submitted in the field PartyID (448). PartyRoleQualifier (2376) = 21 (Specialist) and 22 (Algorithm) are only possible together with PartyIDSource (447) = 'D'. PartyRoleQualifier (2376) = 24 (Natural person) is only possible together with PartyIDSource (447) = 'P'. PartyRoleQualifier (2376) = 21 (Specialist) is not allowed in request messages. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algorithm</td> </tr> <tr> <td>24</td> <td>Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algorithm	24	Natural person
Value	Description									
22	Algorithm									
24	Natural person									
802	>NoPartySubIDs	N	NUMINGROUP	Number of PartySubIDs. Only one entry. Only in combination with PartyRole (452) = 7 (Entering firm), 12 (Executing trader) and 36 (Entering trader) possible.						
523	>PartySubID	N	STRING (1-6)	Firm or Trader Short Name, depending on the value of field PartySubIDType(803).						
803	>PartySubIDType	N	INT	Type of PartySubID. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Person</td> </tr> </tbody> </table>	Value	Description	2	Person		
Value	Description									
2	Person									
<i></Parties></i>										
<i><RequestingParties>, cardinality: 1-3, record counter: NoRequestingPartyIDs (1657), containing occurrences: requesting_entering_firm, requesting_executing_system, requesting_executing_trader*</i>										

Tag	Field Name	Req'd	Data Type	Description								
1658	>RequestingPartyID	Y	STRING	Party identifier for the requesting party.								
1659	>RequestingParty- IDSource	Y	CHAR	Identifies the source of the RequestingPartyID (1658) value. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>D</td> <td>Proprietary custom code</td> </tr> </tbody> </table>	Value	Description	D	Proprietary custom code				
Value	Description											
D	Proprietary custom code											
1660	>RequestingPartyRole	Y	INT	Identifies the type or role of the RequestingPartyID (1658) specified. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>7</td> <td>Entering firm</td> </tr> <tr> <td>12</td> <td>Executing trader</td> </tr> <tr> <td>16</td> <td>Executing system</td> </tr> </tbody> </table>	Value	Description	7	Entering firm	12	Executing trader	16	Executing system
Value	Description											
7	Entering firm											
12	Executing trader											
16	Executing system											
</RequestingParties>												
2329	PartyActionType	N	INT	Party Action Type. <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											
30060	UTransactTime	Y	INT(20)	Transaction timestamp. Number of nanoseconds since Jan 1, 1970.								
75	TradeDate	Y	LOCALMKT- DATE	Business date in YYYYMMDD format.								
1301	MarketID	Y	EXCHANGE	Market Identifier Code of the trading market according to ISO 10383.								
<Trailer />												

8.21 User Party Risk Limits Update Report

User Party Risk Limits Update Report. This message communicates risk control events related to the Advanced Risk Protection functionality of T7 in case of a risk limit breach or release.

Tag	Field Name	Req'd	Data Type	Description										
<Header with MsgType='UCR' />														
<Parties>, cardinality: 2-4, record counter: NoPartyIDs (453), containing occurrences: clearing_firm, entering_firm, executing_system*, executing_unit*														
448	>PartyID	Y	STRING (1-35)	Party identifier/code.										
447	>PartyIDSource	Y	CHAR	Identifies class or source of the PartyID (448) value. Required if PartyID is specified. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>D</td> <td>Proprietary custom code</td> </tr> </tbody> </table>	Value	Description	D	Proprietary custom code						
Value	Description													
D	Proprietary custom code													
452	>PartyRole	Y	INT	Party Role. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>Clearing firm</td> </tr> <tr> <td>7</td> <td>Entering firm</td> </tr> <tr> <td>16</td> <td>Executing system</td> </tr> <tr> <td>59</td> <td>Executing unit</td> </tr> </tbody> </table>	Value	Description	4	Clearing firm	7	Entering firm	16	Executing system	59	Executing unit
Value	Description													
4	Clearing firm													
7	Entering firm													
16	Executing system													
59	Executing unit													
2376	>PartyRoleQualifier	N	INT	Indicates the nature of value submitted in the field PartyID (448). PartyRoleQualifier (2376) = 21 (Specialist) and 22 (Algorithm) are only possible together with PartyIDSource (447) = 'D'. PartyRoleQualifier (2376) = 24 (Natural person) is only possible together with PartyIDSource (447) = 'P'. PartyRoleQualifier (2376) = 21 (Specialist) is not allowed in request messages. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algorithm</td> </tr> <tr> <td>24</td> <td>Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algorithm	24	Natural person				
Value	Description													
22	Algorithm													
24	Natural person													
802	>NoPartySubIDs	N	NUMINGROUP	Number of PartySubIDs. Only one entry. Only in combination with PartyRole (452) = 7 (Entering firm), 12 (Executing trader) and 36 (Entering trader) possible.										
523	>PartySubID	N	STRING (1-6)	Firm or Trader Short Name, depending on the value of field PartySubIDType(803).										
803	>PartySubIDType	N	INT	Type of PartySubID. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Person</td> </tr> </tbody> </table>	Value	Description	2	Person						
Value	Description													
2	Person													
</Parties>														

Tag	Field Name	Req'd	Data Type	Description								
439	ClearingFirm	Y	STRING	Firm that will clear the trade.								
75	TradeDate	Y	LOCALMKT- DATE	Business date in YYYYMMDD format.								
1324	ListUpdateAction	N	CHAR	Invocation or release of a control event. <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	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											
30060	UTransactTime	Y	INT(20)	Transaction timestamp. Number of nanoseconds since Jan 1, 1970.								
1301	MarketID	Y	EXCHANGE	Market Identifier Code of the trading market according to ISO 10383.								
<i><Trailer /></i>												

8.22 User Party Risk Limits Request

The User Party Risk Limits Request is used to inquire pre-trade risk limits. These limits can be defined for on-book trading on product and user risk group level.

Tag	Field Name	Req'd	Data Type	Description						
<Header with MsgType='UCL' />										
<Parties>, cardinality: 1-2, record counter: NoPartyIDs (453), containing occurrences: entering_trader*, executing_unit										
448	>PartyID	Y	STRING (1-35)	Party identifier/code.						
447	>PartyIDSource	Y	CHAR	Identifies class or source of the PartyID (448) value. Required if PartyID is specified. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>D</td> <td>Proprietary custom code</td> </tr> </tbody> </table>	Value	Description	D	Proprietary custom code		
Value	Description									
D	Proprietary custom code									
452	>PartyRole	Y	INT	Party Role. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>36</td> <td>Entering trader</td> </tr> <tr> <td>59</td> <td>Executing unit</td> </tr> </tbody> </table>	Value	Description	36	Entering trader	59	Executing unit
Value	Description									
36	Entering trader									
59	Executing unit									
2376	>PartyRoleQualifier	N	INT	Indicates the nature of value submitted in the field PartyID (448). PartyRoleQualifier (2376) = 21 (Specialist) and 22 (Algorithm) are only possible together with PartyIDSource (447) = 'D'. PartyRoleQualifier (2376) = 24 (Natural person) is only possible together with PartyIDSource (447) = 'P'. PartyRoleQualifier (2376) = 21 (Specialist) is not allowed in request messages. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>Algorithm</td> </tr> <tr> <td>24</td> <td>Natural person</td> </tr> </tbody> </table>	Value	Description	22	Algorithm	24	Natural person
Value	Description									
22	Algorithm									
24	Natural person									
802	>NoPartySubIDs	N	NUMINGROUP	Number of PartySubIDs. Only one entry. Only in combination with PartyRole (452) = 7 (Entering firm), 12 (Executing trader) and 36 (Entering trader) possible.						
523	>PartySubID	N	STRING (1-6)	Firm or Trader Short Name, depending on the value of field PartySubIDType(803).						
803	>PartySubIDType	N	INT	Type of PartySubID. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Person</td> </tr> </tbody> </table>	Value	Description	2	Person		
Value	Description									
2	Person									
</Parties>										
1300	MarketSegmentID	Y	INT(10)	Product identifier.						

Tag	Field Name	Req'd	Data Type	Description				
1533	RiskLimitPlatform	Y	INT	The area to which risk limit is applicable. Scope of 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> </tbody> </table>	Value	Description	0	On-Book
Value	Description							
0	On-Book							
1666	RiskLimitRequestID	Y	STRING (1-20)	Unique identifier for the User Party Risk Limits Request.				
28775	RiskLimitGroup	N	STRING (1-3)	User Pre-Trade risk group				
<Trailer />								

8.23 User Party Risk Limits Report

The User Party Risk Limits Report message is used as the application level response to a User Party Risk Limits Request.

Tag	Field Name	Req'd	Data Type	Description								
<Header with MsgType='UCM' />												
<PartyRiskLimitsGrp>, cardinality: unrestricted, record counter: NoPartyRiskLimits (1677)												
<PartyDetailGrp>, cardinality: 1, record counter: NoPartyDetails (1671)												
1691	>PartyDetailID	Y	STRING (1-5)	The identification of the party.								
1692	>PartyDetailIDSource	Y	CHAR	Source of the identifier of the PartyDetailID (1691) specified. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>D</td> <td>Proprietary custom code</td> </tr> </tbody> </table>	Value	Description	D	Proprietary custom code				
Value	Description											
D	Proprietary custom code											
1693	>PartyDetailRole	Y	INT	PartyRole value within a target party repeating group. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>59</td> <td>Executing unit</td> </tr> </tbody> </table>	Value	Description	59	Executing unit				
Value	Description											
59	Executing unit											
1672	>PartyDetailStatus	Y	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>Suspended</td> </tr> </tbody> </table>	Value	Description	0	Active	1	Suspended		
Value	Description											
0	Active											
1	Suspended											
</PartyDetailGrp>												
<RiskLimitsGrp>, cardinality: 1, record counter: NoRiskLimits (1669)												
<RiskLimitTypesGrp>, cardinality: 1 - 64, record counter: NoRiskLimitTypes (1529)												
1530	>RiskLimitType	Y	INT	Specifies the type of risk limit. <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											
1533	>RiskLimitPlatform	Y	INT	The area to which risk limit is applicable. Scope of 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> </tbody> </table>	Value	Description	0	On-Book				
Value	Description											
0	On-Book											
28776	>RiskLimit-RequestingPartyRole	Y	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>Clearing firm</td> </tr> <tr> <td>22</td> <td>Exchange</td> </tr> <tr> <td>59</td> <td>Executing unit</td> </tr> </tbody> </table>	Value	Description	4	Clearing firm	22	Exchange	59	Executing unit
Value	Description											
4	Clearing firm											
22	Exchange											
59	Executing unit											

Tag	Field Name	Req'd	Data Type	Description						
28778	>RiskLimitViolation-Indicator	Y	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	STRING (1-3)	User Pre-Trade risk group						
28777	>RiskLimitQty	N	QTY	Risk limit quantity.						
25205	>NettingCoefficient	N	FLOAT	Weighting factor used in the Extended PTRL consumption calculation. Default value is 1.0000 for trading members and 0.0000 for clearing members.						
28779	>RiskLimitOpenQty	N	QTY	Open quantity for orders or TES trades.						
28780	>RiskLimitNet-PositionQty	N	QTY	Net position quantity for a requested pre-trade risk limit scope.						
</RiskLimitTypesGrp>										
</RiskLimitsGrp>										
</PartyRiskLimitsGrp>										
1300	MarketSegmentID	Y	INT(10)	Product identifier.						
1666	RiskLimitRequestID	Y	STRING (1-20)	Unique identifier for the User Party Risk Limits Request.						
1667	RiskLimitReportID	Y	INT	Numeric identifier for the User Party Risk Limits Report.						
<Trailer />										

8.24 Session Details List

Session Details List provides a list of all trading sessions of the own business unit.

Tag	Field Name	Req'd	Data Type	Description										
<i><Header with MsgType='U6' /></i>														
<i><SessionGrp>, cardinality: unrestricted, record counter: NoSessions (28734)</i>														
28766	>GatewaySessionID	Y	INT(10)	Identifier of an T7 session ID.										
28730	>SessionMode	Y	INT	The session type. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>ETI High Frequency session</td> </tr> <tr> <td>1</td> <td>ETI Low Frequency session</td> </tr> <tr> <td>2</td> <td>T7 GUI session</td> </tr> <tr> <td>3</td> <td>FIX LF session</td> </tr> </tbody> </table>	Value	Description	0	ETI High Frequency session	1	ETI Low Frequency session	2	T7 GUI session	3	FIX LF session
Value	Description													
0	ETI High Frequency session													
1	ETI Low Frequency session													
2	T7 GUI session													
3	FIX LF session													
28735	>SessionSubMode	Y	INT	The session subtype. <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> </tbody> </table>	Value	Description	0	Regular Trading session	1	FIX Trading session				
Value	Description													
0	Regular Trading session													
1	FIX Trading session													
28767	>SecondarySessionID	N	STRING	FIX session ComplID. Set only for FIX LF sessions.										
<i></SessionGrp></i>														
30060	UTransactTime	Y	INT(20)	Transaction timestamp. Number of nanoseconds since Jan 1, 1970.										
<i><Trailer /></i>														

8.25 Trade Capture Report

The Trade Capture Report message is used to report trades and trade reversals via FIX Back-office sessions.

Tag	Field Name	Req'd	Data Type	Description																						
<i><Header with MsgType='AE' /></i>																										
<i><Instrument></i>		Y																								
55	Symbol	Y	STRING (1-10)	T7 product identifier. Field must be set to '[N/A]' in FIX requests where the ISIN is used as instrument identifier.																						
48	SecurityID	N	INT(20)	T7 instrument identifier.																						
22	SecurityIDSource	N	STRING (1)	Source of the securityID <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>M</td> <td>Marketplace-assigned identifier</td> </tr> </tbody> </table>	Value	Description	M	Marketplace-assigned identifier																		
Value	Description																									
M	Marketplace-assigned identifier																									
1227	ProductComplex	N	INT	This field qualifies an instrument type on T7 Derivatives. <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 (used only for TES trades)</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 (used only for TES trades)
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 (used only for TES trades)																									
167	SecurityType	N	STRING (1-4)	Indicates the type of security. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>MLEG</td> <td>Multileg Instrument</td> </tr> </tbody> </table>	Value	Description	MLEG	Multileg Instrument																		
Value	Description																									
MLEG	Multileg Instrument																									
762	SecuritySubType	N	INT(10)	Strategy type.																						
<i></Instrument></i>																										
<i><RegulatoryTradeIDGrp>, cardinality: 1, record counter: NoRegulatoryTradeIDs (1907)</i>																										
1903	>RegulatoryTradeID	N	STRING	Trading Venue Transaction Identifier (TVTIC).																						

Tag	Field Name	Req'd	Data Type	Description						
1906	>RegulatoryTrade-IDType	N	INT	Specifies the type of trade identifier provided in RegulatoryTradeID (1903). <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>Trading venue transaction identifier (TVTIC)</td> </tr> </tbody> </table>	Value	Description	5	Trading venue transaction identifier (TVTIC)		
Value	Description									
5	Trading venue transaction identifier (TVTIC)									
</RegulatoryTradeIDGrp>										
<SRQSRelatedTradeIDGrp>, cardinality: 0-1, record counter: NoSRQSRelatedTradeIDs (25174)										
25152	>SRQSRelatedTrade-ID	N	INT(10)	Provides together with the NegotiationID a link to the corresponding Xetra/Eurex Enlight deal.						
</SRQSRelatedTradeIDGrp>										
<RootParties>, cardinality: 1, record counter: NoRootPartyIDs (1116), containing occurrences: root_execution_venue										
1117	>RootPartyID	Y	STRING (1-10)	Root party identifier.						
1118	>RootPartyIDSource	Y	CHAR	Identifies class or source of the RootPartyID (1117) value. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>G</td> <td>Market identifier code</td> </tr> </tbody> </table>	Value	Description	G	Market identifier code		
Value	Description									
G	Market identifier code									
1119	>RootPartyRole	Y	INT	Identifies the type role of the RootPartyID (1117) specified. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>73</td> <td>Execution venue</td> </tr> </tbody> </table>	Value	Description	73	Execution venue		
Value	Description									
73	Execution venue									
</RootParties>										
<TrdCapRptSideGrp>, cardinality: 1, record counter: NoSides (552), containing occurrences: Side1*										
54	>Side	Y	CHAR	Side of 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									
1009	>SideLastQty	N	QTY	Used to indicate the quantity on one of a multi-sided Trade Capture Report.						
1506	>SideTradeID	N	INT(10)	Used to represent the trade ID for each side of the trade assigned by an intermediary.						
<Parties>, cardinality: 0-23, record counter: NoPartyIDs (453)										
448	>PartyID	Y	STRING (1-35)	Party identifier/code.						
447	>PartyIDSource	Y	CHAR	Identifies class or source of the PartyID (448) value. Required if PartyID is specified. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>D</td> <td>Proprietary custom code</td> </tr> <tr> <td>P</td> <td>Short code identifier</td> </tr> </tbody> </table>	Value	Description	D	Proprietary custom code	P	Short code identifier
Value	Description									
D	Proprietary custom code									
P	Short code identifier									

Tag	Field Name	Req'd	Data Type	Description																																						
452	>PartyRole	Y	INT	<p>Party Role.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr><td>1</td><td>Executing firm</td></tr> <tr><td>3</td><td>Client ID</td></tr> <tr><td>4</td><td>Clearing firm</td></tr> <tr><td>7</td><td>Entering firm</td></tr> <tr><td>12</td><td>Executing trader</td></tr> <tr><td>13</td><td>Order origination firm</td></tr> <tr><td>16</td><td>Executing system</td></tr> <tr><td>17</td><td>Contra firm</td></tr> <tr><td>21</td><td>Clearing organization</td></tr> <tr><td>32</td><td>Beneficiary</td></tr> <tr><td>36</td><td>Entering trader</td></tr> <tr><td>37</td><td>Contra trader</td></tr> <tr><td>38</td><td>Position account</td></tr> <tr><td>55</td><td>Session ID</td></tr> <tr><td>59</td><td>Executing unit</td></tr> <tr><td>75</td><td>Location ID</td></tr> <tr><td>96</td><td>Take-up (trading) firm</td></tr> <tr><td>122</td><td>Investment decision maker</td></tr> </tbody> </table>	Value	Description	1	Executing firm	3	Client ID	4	Clearing firm	7	Entering firm	12	Executing trader	13	Order origination firm	16	Executing system	17	Contra firm	21	Clearing organization	32	Beneficiary	36	Entering trader	37	Contra trader	38	Position account	55	Session ID	59	Executing unit	75	Location ID	96	Take-up (trading) firm	122	Investment decision maker
Value	Description																																									
1	Executing firm																																									
3	Client ID																																									
4	Clearing firm																																									
7	Entering firm																																									
12	Executing trader																																									
13	Order origination firm																																									
16	Executing system																																									
17	Contra firm																																									
21	Clearing organization																																									
32	Beneficiary																																									
36	Entering trader																																									
37	Contra trader																																									
38	Position account																																									
55	Session ID																																									
59	Executing unit																																									
75	Location ID																																									
96	Take-up (trading) firm																																									
122	Investment decision maker																																									
2376	>PartyRoleQualifier	N	INT	<p>Indicates the nature of value submitted in the field PartyID (448). PartyRoleQualifier (2376) = 21 (Specialist) and 22 (Algorithm) are only possible together with PartyIDSource (447) = 'D'. PartyRoleQualifier (2376) = 24 (Natural person) is only possible together with PartyIDSource (447) = 'P'. PartyRoleQualifier (2376) = 21 (Specialist) is not allowed in request messages.</p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr><td>22</td><td>Algorithm</td></tr> <tr><td>24</td><td>Natural person</td></tr> </tbody> </table>	Value	Description	22	Algorithm	24	Natural person																																
Value	Description																																									
22	Algorithm																																									
24	Natural person																																									
802	>NoPartySubIDs	N	NUMINGROUP	<p>Number of PartySubIDs. Only one entry. Only in combination with PartyRole (452) = 7 (Entering firm), 12 (Executing trader) and 36 (Entering trader) possible.</p>																																						
523	>PartySubID	N	STRING (1-6)	<p>Firm or Trader Short Name, depending on the value of field PartySubIDType(803).</p>																																						

Tag	Field Name	Req'd	Data Type	Description										
803	>PartySubIDType	N	INT	Type of PartySubID. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Person</td> </tr> </tbody> </table>	Value	Description	2	Person						
Value	Description													
2	Person													
</Parties>														
25027	>PartyIDClearingUnit	N	STRING	Party ID Clearing Unit.										
1	>Account	N	STRING (1-2)	Account.										
77	>PositionEffect	N	CHAR	Indicates whether the resulting position after a trade should be an opening position or closing position. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>O</td> <td>Open</td> </tr> <tr> <td>C</td> <td>Close</td> </tr> </tbody> </table>	Value	Description	O	Open	C	Close				
Value	Description													
O	Open													
C	Close													
25007	>FreeText1	N	STRING (1-12)	First free-format text field for trader-specific or customer-related comments.										
1115	>OrderCategory	N	CHAR	Defines the type of interest behind a trade (fill or partial fill). <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													
1444	>SideLiquidityInd	N	INT	Indicates whether the order added or removed liquidity. Field is used only for on-book trades. <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)</td> </tr> <tr> <td>4</td> <td>Auction (neither passive nor aggressive, includes VDO matching at midpoint)</td> </tr> </tbody> </table>	Value	Description	1	Added Liquidity (passive)	2	Removed Liquidity (aggressive)	4	Auction (neither passive nor aggressive, includes VDO matching at midpoint)		
Value	Description													
1	Added Liquidity (passive)													
2	Removed Liquidity (aggressive)													
4	Auction (neither passive nor aggressive, includes VDO matching at midpoint)													
1851	>StrategyLinkID	N	INT(10)	Identifier that links all trades resulting from a match step of a strategy order.										
37	>OrderID	N	INT(20)	Exchange Order ID generated by the T7 system.										
11	>ClOrdID	N	STRING (1-20)	Unique customer defined order request identifier										
40	>OrdType	N	CHAR	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													

Tag	Field Name	Req'd	Data Type	Description														
44	>Price	N	PRICE	Limit price.														
151	>LeavesQty	N	QTY	Quantity open for further execution. If the Ord-Status (39) is Canceled, Expired, Calculated, or Rejected (in which case the order is no longer active) then LeavesQty could be 0, otherwise LeavesQty = OrderQty (38) - CumQty (14).														
14	>CumQty	N	QTY	Cumulated executed quantity.														
<i><OrderAttributeGrp>, cardinality: 0-2, record counter: NoOrderAttributes (2593)</i>																		
2594	>OrderAttributeType	N	INT	Type of order attribute. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Liquidity Provision Activity Order</td> </tr> <tr> <td>3</td> <td>Risk Reduction Order</td> </tr> </tbody> </table>	Value	Description	2	Liquidity Provision Activity Order	3	Risk Reduction Order								
Value	Description																	
2	Liquidity Provision Activity Order																	
3	Risk Reduction Order																	
2595	>OrderAttributeValue	N	CHAR	Value associated with the order attribute type specified in OrderAttributeType (2594). <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>Y</td> <td>Attribute is set.</td> </tr> </tbody> </table>	Value	Description	Y	Attribute is set.										
Value	Description																	
Y	Attribute is set.																	
<i></OrderAttributeGrp></i>																		
1031	>CustOrderHandling-Inst	N	CHAR	Rate identifier in accordance with the FIA guidelines. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>W</td> <td>Desk</td> </tr> <tr> <td>Y</td> <td>Electronic</td> </tr> <tr> <td>C</td> <td>FCM-provided screen</td> </tr> <tr> <td>G</td> <td>FCM API or FIX</td> </tr> <tr> <td>H</td> <td>Algo Engine</td> </tr> <tr> <td>D</td> <td>Default</td> </tr> </tbody> </table>	Value	Description	W	Desk	Y	Electronic	C	FCM-provided screen	G	FCM API or FIX	H	Algo Engine	D	Default
Value	Description																	
W	Desk																	
Y	Electronic																	
C	FCM-provided screen																	
G	FCM API or FIX																	
H	Algo Engine																	
D	Default																	
25008	>FreeText2	N	STRING (1-12)	Second free-format text field for trader-specific or customer-related comments.														
25009	>FreeText3	N	STRING (1-12)	Third free-format text field for trader-specific or customer-related comments.														
28585	>SideLastPx	N	PRICE	Fill price for the original Eurex strategy. Only provided in case of a multileg instrument.														
<i></TrdCapRptSideGrp></i>																		
30	LastMkt	Y	EXCHANGE	Operating MIC. Market Identifier Code of the trading market according to ISO 10383.														
31	LastPx	Y	PRICE	Price level.														
32	LastQty	Y	QTY	Quantity executed.														

Tag	Field Name	Req'd	Data Type	Description																						
75	TradeDate	Y	LOCALMKT-DATE	Business date in YYYYMMDD format.																						
442	MultiLegReporting-Type	N	CHAR	This field indicates if the Trade Capture Report results from a single leg or multileg order. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Single leg</td> </tr> <tr> <td>2</td> <td>Individual leg of a multileg security</td> </tr> </tbody> </table>	Value	Description	1	Single leg	2	Individual leg of a multileg security																
Value	Description																									
1	Single leg																									
2	Individual leg of a multileg security																									
571	TradeReportID	Y	INT	Unique identifier of the Trade Capture Report.																						
574	MatchType	N	INT	The point in the matching process at which this trade was matched. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>Confirmed Trade Report</td> </tr> <tr> <td>4</td> <td>Auto Match Incoming</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</td> </tr> <tr> <td>13</td> <td>Liquidity Improvement Cross</td> </tr> </tbody> </table>	Value	Description	3	Confirmed Trade Report	4	Auto Match Incoming	5	Cross Auction	7	Call Auction	11	Auto Match Resting	13	Liquidity Improvement Cross								
Value	Description																									
3	Confirmed Trade Report																									
4	Auto Match Incoming																									
5	Cross Auction																									
7	Call Auction																									
11	Auto Match Resting																									
13	Liquidity Improvement Cross																									
700	ReversalIndicator	N	BOOLEAN	Reversal Indicator for TES Trades. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>N</td> <td>No reversal</td> </tr> <tr> <td>Y</td> <td>Reversal</td> </tr> </tbody> </table>	Value	Description	N	No reversal	Y	Reversal																
Value	Description																									
N	No reversal																									
Y	Reversal																									
748	TotNumTradeReports	N	INT(10)	Number of leg executions of the original strategy order.																						
828	TrdType	Y	INT	Identifier of the trade type. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Regular Trade (on-book)</td> </tr> <tr> <td>1</td> <td>Block Trade</td> </tr> <tr> <td>12</td> <td>Exchange for Swap (EFS)</td> </tr> <tr> <td>50</td> <td>Portfolio Compression Trade</td> </tr> <tr> <td>1000</td> <td>Vola Trade</td> </tr> <tr> <td>1001</td> <td>Exchange for physical (EFP) Fin trade</td> </tr> <tr> <td>1002</td> <td>Exchange for physical (EFP) Index Future trade</td> </tr> <tr> <td>1004</td> <td>Trade at market</td> </tr> <tr> <td>1006</td> <td>Xetra/Eurex EnLight triggered trade</td> </tr> <tr> <td>1007</td> <td>QTPIP Block Trade</td> </tr> </tbody> </table>	Value	Description	0	Regular Trade (on-book)	1	Block Trade	12	Exchange for Swap (EFS)	50	Portfolio Compression Trade	1000	Vola Trade	1001	Exchange for physical (EFP) Fin trade	1002	Exchange for physical (EFP) Index Future trade	1004	Trade at market	1006	Xetra/Eurex EnLight triggered trade	1007	QTPIP Block Trade
Value	Description																									
0	Regular Trade (on-book)																									
1	Block Trade																									
12	Exchange for Swap (EFS)																									
50	Portfolio Compression Trade																									
1000	Vola Trade																									
1001	Exchange for physical (EFP) Fin trade																									
1002	Exchange for physical (EFP) Index Future trade																									
1004	Trade at market																									
1006	Xetra/Eurex EnLight triggered trade																									
1007	QTPIP Block Trade																									

Tag	Field Name	Req'd	Data Type	Description										
830	TransferReason	Y	INT	Reason trade is being transferred <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													
856	TradeReportType	Y	INT	Type of Trade Report. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Submit</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	Submit	1	Alleged	5	No/Was (Replaced)	7	(Locked-In) Trade Break
Value	Description													
0	Submit													
1	Alleged													
5	No/Was (Replaced)													
7	(Locked-In) Trade Break													
880	TrdMatchID	N	INT(10)	Identifier assigned to a trade by a matching system.										
1003	TradeID	Y	INT(10)	The unique ID assigned to the trade entity once it is received or matched by the exchange or central counterparty.										
1011	MessageEventSource	Y	INT	Receiver of a message. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>200</td> <td>On-Book Trade Notification</td> </tr> <tr> <td>201</td> <td>TES Trade Notification</td> </tr> </tbody> </table>	Value	Description	200	On-Book Trade Notification	201	TES Trade Notification				
Value	Description													
200	On-Book Trade Notification													
201	TES Trade Notification													
1126	OrigTradeID	N	INT(10)	Used to preserve original trade id when original trade is being referenced in a subsequent trade transaction such as a transfer.										
1390	TradePublishIndicator	N	INT	Indicates if a trade should be or has been published via a market publication service. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Deferred Publication</td> </tr> <tr> <td>3</td> <td>Published</td> </tr> </tbody> </table>	Value	Description	2	Deferred Publication	3	Published				
Value	Description													
2	Deferred Publication													
3	Published													
1596	ClearingTradePrice	N	PRICE	Clearing price.										
1649	RelatedSymbol	N	INT(10)	Product identifier of the originating Eurex strategy.										
1650	RelatedSecurityID	N	INT(20)	Instrument identifier of the original Eurex strategy.										
1724	OrderOrigination	N	INT	Direct market access identifier. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>Direct market access</td> </tr> </tbody> </table>	Value	Description	5	Direct market access						
Value	Description													
5	Direct market access													

Tag	Field Name	Req'd	Data Type	Description																		
1815	TradingCapacity	N	INT	Trading capacity. <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>Market Maker</td> </tr> </tbody> </table>	Value	Description	1	Customer (Agency)	5	Principal (Proprietary)	6	Market Maker										
Value	Description																					
1	Customer (Agency)																					
5	Principal (Proprietary)																					
6	Market Maker																					
2489	PackageID	N	INT(10)	Identifier for a TES trade.																		
25161	BasketTrdMatchID	N	INT(20)	Basket ID assigned by the T7 system. The field will be populated for TES trades that are part of a basket.																		
25162	BasketSideTrade-ReportID	N	STRING (1-20)	Individual Basket ID assigned by the approver of a basket. The field will be set for TES trades that are part of a basket if the field was populated when the basket was approved.																		
25182	BasketPartyContra-Firm	N	STRING (1-20)	Counterparty information for TES trades that are part of a basket.																		
25191	CompressionID	N	INT(20)	TES Trade Compression ID.																		
28586	OrderSide	N	CHAR	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																					
28587	RelatedProduct-Complex	N	INT	Instrument type in the original Eurex 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																					
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																					

Tag	Field Name	Req'd	Data Type	Description												
28610	MatchSubType	N	INT	Indicates the call auction type the trade originates from. Field is used only for on-book trades. <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>Outside BBO (CLIP matching outside BBO)</td> </tr> </tbody> </table>	Value	Description	1	Opening auction	2	Closing auction	3	Intraday auction	4	Circuit breaker auction	6	Outside BBO (CLIP matching outside BBO)
Value	Description															
1	Opening auction															
2	Closing auction															
3	Intraday auction															
4	Circuit breaker auction															
6	Outside BBO (CLIP matching outside BBO)															
28736	ClearingTradeQty	N	QTY	Quantity used for clearing.												
28750	MultilegPriceModel	N	INT	Price decomposition method for legs of a complex instrument. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Standard (leg level prices provided by system)</td> </tr> <tr> <td>1</td> <td>User defined (leg level prices provided by user)</td> </tr> </tbody> </table>	Value	Description	0	Standard (leg level prices provided by system)	1	User defined (leg level prices provided by user)						
Value	Description															
0	Standard (leg level prices provided by system)															
1	User defined (leg level prices provided by user)															
28758	NegotiationID	N	INT(10)	ID of a Xetra/Eurex EnLight negotiation.												
28899	BasketProfileID	N	INT(10)	Basket Profile ID.												
2788	TradeAggregation-TransType	N	INT	TES Trade Aggregation Identifier. <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>New</td> </tr> </tbody> </table>	Value	Description	0	New								
Value	Description															
0	New															
30060	UTransactTime	Y	INT(20)	Transaction timestamp. Number of nanoseconds since Jan 1, 1970.												
<i>< Trailer /></i>																

9 Occurrences

9.1 OrderAttributeGrp

This section contains all occurrences of structure "OrderAttributeGrp".

liquidity_provision_activity_order

Flag to indicate liquidity provision.

- OrderAttributeType = LIQUIDITY_PROVISION_ACTIVITY_ORDER (mandatory)
- OrderAttributeValue = ATTRIBUTE_IS_SET (mandatory)

risk_reduction_order

Flag to indicate risk reduction.

- OrderAttributeType = RISK_REDUCTION_ORDER (mandatory)
- OrderAttributeValue = ATTRIBUTE_IS_SET (mandatory)

9.2 Parties

This section contains all occurrences of structure "Parties".

beneficiary

Beneficiary Account.

- PartyID (mandatory)
- PartyRole = BENEFICIARY (mandatory)
- PartyIDSource = PROPRIETARYCUSTOMCODE (mandatory)

clearing_firm

Clearing firm information.

- PartyID (mandatory)
- PartyRole = CLEARING_FIRM (mandatory)
- PartyIDSource = PROPRIETARYCUSTOMCODE (mandatory)

clearing_organization

Clearing organization information.

- PartyID (mandatory)
- PartyRole = CLEARING_ORGANIZATION (mandatory)
- PartyIDSource = PROPRIETARYCUSTOMCODE (mandatory)

clearing_unit

Party ID Clearing Unit.

- PartyID (mandatory)
- PartyRole = CLEARING_FIRM (mandatory)
- PartyIDSource = PROPRIETARYCUSTOMCODE (mandatory)

client_id

Client Identifier (short code).

- PartyID (mandatory)
- PartyRole = CLIENT_ID (mandatory)
- PartyIDSource = SHORT_CODE_IDENTIFIER (mandatory)

entering_firm

Entering Entity ID.

- PartyID (mandatory)
- PartyRole = ENTERING_FIRM (mandatory)
- PartyIDSource = PROPRIETARYCUSTOMCODE (mandatory)

entering_trader

Entering User ID.

- PartyID (mandatory)
- PartyRole = ENTERING_TRADER (mandatory)
- PartyIDSource = PROPRIETARYCUSTOMCODE (mandatory)

executing_firm

Executing firm information.

- PartyID (mandatory)
- PartyRole = EXECUTING_FIRM (mandatory)
- PartyIDSource = PROPRIETARYCUSTOMCODE (mandatory)

executing_system

Executing system information (2 = T7 Trading System).

- PartyID (mandatory)
- PartyRole = EXECUTING_SYSTEM (mandatory)
- PartyIDSource = PROPRIETARYCUSTOMCODE (mandatory)

executing_trader

Executing trader information.

- PartyID (mandatory)
- PartyRole = EXECUTING_TRADER (mandatory)
- PartyIDSource = PROPRIETARYCUSTOMCODE (mandatory)
- PartySubIDType = PERSON (optional)

executing_unit

Executing unit information.

- PartyID (mandatory)
- PartyRole = EXECUTING_UNIT (mandatory)
- PartyIDSource = PROPRIETARYCUSTOMCODE (mandatory)

execution_identifier_algo

Execution identifier algorithm. To be used mutually exclusive with 'execution_identifier_human'

- PartyID (mandatory)
- PartyRole = EXECUTING_TRADER (mandatory)
- PartyIDSource = PROPRIETARYCUSTOMCODE (mandatory)
- PartyRoleQualifier = ALGORITHM (mandatory)

execution_identifier_human

Execution identifier human. To be used mutually exclusive with 'execution_identifier_algorithm'

- PartyID (mandatory)
- PartyRole = EXECUTING_TRADER (mandatory)
- PartyIDSource = SHORT_CODE_IDENTIFIER (mandatory)
- PartyRoleQualifier = NATURAL_PERSON (mandatory)

investment_identifier_algo

Investment identifier algorithm. To be used mutually exclusive with 'investment_identifier_human'

- PartyID (mandatory)
- PartyRole = INVESTMENT_DECISION_MAKER (mandatory)
- PartyIDSource = PROPRIETARYCUSTOMCODE (mandatory)
- PartyRoleQualifier = ALGORITHM (mandatory)

investment_identifier_human

Investment identifier human. To be used mutually exclusive with 'investment_identifier_algorithm'

- PartyID (mandatory)
- PartyRole = INVESTMENT_DECISION_MAKER (mandatory)
- PartyIDSource = SHORT_CODE_IDENTIFIER (mandatory)
- PartyRoleQualifier = NATURAL_PERSON (mandatory)

location_id

Location ID information. Origin country code to identify the region from which the transaction originates.

- PartyID (mandatory)
- PartyRole = LOCATION_ID (mandatory)
- PartyIDSource = PROPRIETARYCUSTOMCODE (mandatory)

order_origination_firm

Executing firm information.

- PartyID (mandatory)
- PartyRole = ORDER_ORIGINATION_FIRM (mandatory)
- PartyIDSource = PROPRIETARYCUSTOMCODE (mandatory)

position_account

Flexible account identifier.

- PartyID (mandatory)
- PartyRole = FLEXIBLE_ACCOUNT_IDENTIFIER (mandatory)
- PartyIDSource = PROPRIETARYCUSTOMCODE (mandatory)

session_ID

Session ID.

- PartyID (mandatory)
- PartyRole = SESSION_ID (mandatory)
- PartyIDSource = PROPRIETARYCUSTOMCODE (mandatory)

settlement_account

Settlement Account.

- PartyID (mandatory)
- PartyRole = SETTLEMENT_ACCOUNT (mandatory)
- PartyIDSource = PROPRIETARYCUSTOMCODE (mandatory)

settlement_firm

Settlement Firm.

- PartyID (mandatory)
- PartyRole = SETTLEMENT_FIRM (mandatory)
- PartyIDSource = PROPRIETARYCUSTOMCODE (mandatory)

settlement_location

Settlement location information.

- PartyID (mandatory)
- PartyRole = SETTLEMENT_LOCATION (mandatory)
- PartyIDSource = PROPRIETARYCUSTOMCODE (mandatory)

settlement_unit

Party ID Settlement Unit.

- PartyID (mandatory)
- PartyRole = SETTLEMENT_FIRM (mandatory)
- PartyIDSource = PROPRIETARYCUSTOMCODE (mandatory)

takeup_firm

Take-up trading firm information.

- PartyID (mandatory)
- PartyRole = TAKEUP_FIRM (mandatory)
- PartyIDSource = PROPRIETARYCUSTOMCODE (mandatory)

9.3 RequestingParties

This section contains all occurrences of structure "RequestingParties".

requesting_entering_firm

Requesting entering firm information.

- RequestingPartyID (mandatory)
- RequestingPartyIDSource = PROPRIETARYCUSTOMCODE (mandatory)
- RequestingPartyRole = ENTERING_FIRM (mandatory)

requesting_executing_system

Requesting executing system information.

- RequestingPartyID (mandatory)
- RequestingPartyIDSource = PROPRIETARYCUSTOMCODE (mandatory)
- RequestingPartyRole = EXECUTING_SYSTEM (mandatory)

requesting_executing_trader

Requesting executing trader information.

- RequestingPartyID (mandatory)
- RequestingPartyIDSource = PROPRIETARYCUSTOMCODE (mandatory)
- RequestingPartyRole = EXECUTING_TRADER (mandatory)

9.4 RootParties

This section contains all occurrences of structure "RootParties".

root_entering_trader

Entering User ID

- RootPartyID (mandatory)
- RootPartyIDSource = PROPRIETARYCUSTOMCODE (mandatory)
- RootPartyRole = ENTERING_TRADER (mandatory)

root_execution_venue

Execution venue (segment MIC).

- RootPartyID (mandatory)
- RootPartyIDSource = MARKET_IDENTIFIER_CODE (mandatory)
- RootPartyRole = EXECUTION_VENUE (mandatory)

9.5 TargetParties

This section contains all occurrences of structure "TargetParties".

target_executing_trader

Executing trader information.

- TargetPartyID (mandatory)
- TargetPartyRole = EXECUTING_TRADER (mandatory)
- TargetPartyIDSource = PROPRIETARYCUSTOMCODE (mandatory)

target_session_ID

Session ID.

- TargetPartyID (mandatory)
- TargetPartyRole = SESSION_ID (mandatory)
- TargetPartyIDSource = PROPRIETARYCUSTOMCODE (mandatory)

9.6 TrdCapRptSideGrp

This section contains all occurrences of structure "TrdCapRptSideGrp".

Side1

Side 1 information.

- Side (mandatory)
- SideLastQty (optional)
- SideTradeID (mandatory)
- Parties (mandatory)
 - occurrences:
 - * [clearing_firm](#) (mandatory)
 - * [clearing_organization](#) (mandatory)
 - * [executing_trader](#) (mandatory)
 - * [executing_firm](#) (mandatory)
 - * [executing_unit](#) (mandatory)
 - * [session_ID](#) (optional)
 - * [order_origination_firm](#) (optional)
 - * [beneficiary](#) (optional)
 - * [position_account](#) (optional)
 - * [takeup_firm](#) (optional)
 - * [settlement_location](#) (mandatory)
 - * [settlement_account](#) (mandatory)
 - * [settlement_firm](#) (mandatory)
 - * [client_id](#) (optional)
 - * [execution_identifier_human](#) (optional)
 - * [execution_identifier_algo](#) (optional)
 - * [investment_identifier_human](#) (optional)
 - * [investment_identifier_algo](#) (optional)
 - PartyID (mandatory)
 - PartyIDSource (mandatory)
 - PartyRole (mandatory)
 - PartyRoleQualifier (optional)
 - NoPartySubIDs (optional)
 - PartySubID (optional)
 - PartySubIDType (optional)
- PartyIDClearingUnit (optional)

- Account (optional)
- PositionEffect (optional)
- FreeText1 (optional)
- OrderCategory (optional)
- SideLiquidityInd (optional)
- StrategyLinkID (optional)
- OrderID (optional)
- OrdType (optional)
- Price (optional)
- LeavesQty (optional)
- CumQty (optional)
- OrderAttributeGrp (optional)
 - OrderAttributeType (optional)
 - OrderAttributeValue (optional)
- CustOrderHandlingInst (optional)
- FreeText2 (optional)
- FreeText3 (optional)
- SideLastPx (optional)

9.7 ValueChecksGrp

This section contains all occurrences of structure "ValueChecksGrp".

notional_value_check

Notional value validation.

- ValueCheckType = NOTIONAL_VALUE_CHECK (mandatory)
- ValueCheckAction (mandatory)

price_check

Price validation.

- ValueCheckType = PRICE_CHECK (mandatory)
- ValueCheckAction (mandatory)