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## DFS200 - Messages

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M7 Release 6.8

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Version	1.0
Status	Final Version
Filename	DFS200 - M7 6.8 - Messages - v1.0
Date	23/01/2020
Author	M7 Project Team
Reviewer	M7 Management Team

German stock corporation registered in  
Frankfurt/Main  
HRB No. 32232  
Local court: Frankfurt/Main

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## Terminology

*Client* Program or application acting as a client of the AMQP server.

*Trader* Person that logs into the client to participate in the market.

*Balancing Phase* Additional trading phase which starts after the end of the normal trading phase and ends in relation to delivery start. Normal orders from market participants can be entered but cannot trigger a trade execution. Only balance orders can trigger a trade execution (balance order entry is usually limited to one specific member). The order book can be crossed during the balancing phase.

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## 1 Introduction

This document describes all M7 messages and errors that are provided by the backend system. The major focus is set on the events that trigger a message or an error, message arguments and the corresponding visibility.

The messages are broadcasted via a Broadcast channel by the backend. Two major groups of messages exist. Private messages are sent only to a particular user. On the other hand, public messages are broadcasted to all users without any restrictions. In addition, the messages are generated by different parts of the system (e.g. XBID, M7 and ComTrader). This document only describes those messages that are directly related to M7.

The messages, as well as the errors are distinguished based on their origin. Thus, only the errors related to M7 are considered in this document.

For more details about the communication with the backend system, protocols, etc. please refer to the *DFS180 - M7 - Public Message Interface* document.

### 1.1 Abstract

The purpose of this document is to describe the messages within LTS.

- Chapter 1 provides an introduction of the DFS200 document.
- Chapter 2 provides an overview of the parameters used in errors and messages.
- Chapter 3 describes all M7 messages and divides them into three sections (Private, Public and Admin messages).
- Chapter 4 describes all M7 errors and divides them into several sections (Order entry/modify/accept, General errors, Trade, User right constraints, Limits and Wrong reference related errors).

### 1.2 Intended Audience

This document is intended for the following user groups:

- Project team members
- Technical team
- Clients

### 1.3 Referenced Documents

This document refers to:

- HLS100 Functional Description of the Trading Module
- MFG110 – M7 -Trader Manual ComTrader
- MFG130 – M7 -Admin Manual WebGUI
- DFS180 – M7- Public API interface

## 2 Parameters

The following parameters are used in messages and errors:

- 0: traderId
- 1: tso.shortName
- 2: "Buy" or "Sell" string
- 3: contract.name
- 4: quantity (converted)
- 5: price
- 6: text
- 7: remaining quantity (converted)
- 8: filename
- 9: balancing group
- 10: contract trading start time
- 11: contract trading end time
- 12: Date (formatted dd.MM.)
- 13: Message Identification (misused filename field)
- 14: Version number (misused quantity field)
- 15: Product group name
- 16: Date (formatted yyyy-mm-dd hh:mm)
- 17: Date (formatted yyyy-mm-dd hh:mm)
- 18: Quantity unit
- 19: Market area
- 20: Member
- 21: Total quantity (For Iceberg orders) (converted and with brackets)
- 22: Stop price of stop limit orders
- 23: Currency

## 3 Messages

Messages which have similar meanings are grouped together in corresponding chapters.

### 3.1 Private messages

The following chapter describes messages that are sent only to a particular user.

#### 3.1.1 Text messages

Message key	Message Content	History Constraints	Message Id and Scope	Triggering action	Example	Generated by backend
unknown	{6}		0			yes
text	[INVALID MESSAGE]		1 (PUBLIC), 2 (BALGRP_PRODUCT), 3 (BALGRP)			yes

#### 3.1.2 Login and logout

Message key	Message Content	History Constraints	Message Id and Scope	Triggering action	Example	Generated by backend
Login	User {20} {0} logged in for Delivery Area {1}.	-	4 (BALGRP), 5 (ADMIN), 7 (ADMIN)	The message is sent whenever a user successfully connects to the Exchange.	User ADMIN SADMIN1 logged in for Delivery Area Demo.	no
logout	User {0} logged out.	-	6 (BALGRP)	The message is sent whenever a user logs out from the Exchange.	User TRD001 logged out.	yes
switch_tso	User {0} switched to Delivery Area {1}.	-	8 (BALGRP_PRODUCT)	x_order_accepted_half_admin	User TRD001 switched to Delivery Area Demo.	

#### 3.1.3 Activation and Inactivation of members, users and balancing groups

Message key	Message Content	History Constraints	Message Id and Scope	Triggering action	Example	Generated by backend
balgroup_inactivated	All orders for balancing group {9} deactivated.	-	9 (BALGRP)	An admin user selects a particular balancing group in the Emergency tab and presses the Deactivate button.	All orders for balancing group TM001-BG1-----X (1st test member) deactivated.	no
balgroup_inactivated_ms	All orders for balancing group {6} deactivated.	-	10 (ADMIN)	An admin user selects a particular balancing group in the Emergency tab and clicks on the Deactivate button.	All orders for balancing group TM001-BG1-----X (1st test member) deactivated.	no

#### 3.1.4 Order entered

Message key	Message Content	History Constraints	Message Id and Scope	Triggering action	Example	Generated by backend
x_order_entered	Order entered: {2} {3} - {4}{21} {18} for {5}{22}.	SKIP	11 (BALGRP_PRODUCT)	An active order is entered (or modified) by a trader.	Order entered: Buy 13-14 – 7.000 MW for 0.20 EUR	no
order_on_behalf_entered_admin	On behalf order entered: {2} {3} - {4}{21} {18} for {5} by {0}{22}.	-	12 (ADMIN_PRODUCT)	An active order is entered (or modified) by an admin user on behalf of another trader.	On behalf order entered: Buy 13-14 – 7.000 MW for 0.20 EUR by SADMIN1.	no
order_on_behalf_entered_user	On behalf order entered: {2} {3} -	-	13 (BALGRP_PRODUCT)	An active order is entered (or modified) by a trader with on	On behalf order entered: Buy 13-14 –	no

	{4}{21} {18} for {5}{22}.			behalf rights for another trader.	7.000 MW for 0.20 EUR.	
x_order_indicative_entered	Indicative order entered: {2} {3} - {4}{21} {18} for {5}{22}.	SKIP	155 (BALGRP_PRODUCT)	An Indicative order is entered.	Indicative order entered: Buy 13-14 – 7.000 MW for 0.20 EUR.	no
order_indicative_on_behalf_entered_admin	On behalf indicative order entered: {2} {3} - {4}{21} {18} for {5} by {0}{22}.	-	156 (ADMIN_PRODUCT)	An Indicative order is entered on behalf of an admin user.	On behalf indicative order entered: Buy 13-14 – 7.000 MW for 0.20 EUR by ADMIN.	no
order_indicative_on_behalf_entered_user	On behalf indicative order entered: {2} {3} - {4}{21} {18} for {5}{22}.	-	157 (BALGRP_PRODUCT)	An Indicative order is entered on behalf of a trader with on behalf rights.	On behalf indicative order entered: Buy 13-14 – 7.000 MW for 0.20 EUR.	no

### 3.1.5 Order triggered

Message key	Message Content	History Constraints	Message Id and Scope	Triggering action	Example	Generated by backend
order_triggered	Order triggered: {2} {3} - {4}{21} {18} for {5}{22}.	SKIP	145 (BALGRP_PRODUCT)	A Stop order is triggered.	Order triggered: Buy 13-14 – 7.000 MW for 0.20 EUR.	no
stop_order_converted	Stop Order converted to Regular order: {2} {3} - {4}{21} {18} for {5}{22}.	SKIP	153 (BALGRP_PRODUCT)	A stop order is converted into an incoming regular limit order.	Stop Order converted to Regular order: Buy 13-14 – 7.000 MW for 0.20 EUR.	no

### 3.1.6 Order deleted

Message key	Message Content	History Constraints	Message Id and Scope	Triggering action	Example	Generated by backend
x_order_deleted	Order cancelled: {2} {3} - {4}{21} {18} for {5}{22}.	SKIP	18 (BALGRP_PRODUCT)	A trader cancels an order in the Own Order panel.	Order cancelled: Buy 20Q4 – 6.000 MW for 0.60 EUR.	no
x_order_deleted_on_behalf_admin	Order cancelled on behalf: {2} {3} - {4}{21} {18} for {5} by {0}{22}.	-	19 (ADMIN_PRODUCT)	An order is cancelled (or modified) by an admin user on behalf of another trader.	Order cancelled on behalf: Sell 16-17 - 5.000 MW for 5.00 EUR by SADMI1.	no
x_order_deleted_on_behalf_user	Order cancelled on behalf: {2} {3} - {4}{21} {18} for {5}{22}.	-	20 (BALGRP_PRODUCT)	An order is cancelled (or modified) by a trader (with On Behalf trading rights) on behalf of another trader.	Order cancelled on behalf: Buy 16Q2 - 5.000 MW for 5.00 EUR.	no
x_order_deleted_ca_inactivated	Order cancelled because Clearing Account or Clearing House was inactivated: {2} {3} - {4}{21} {18} for {5}{22}.	SKIP	151 (BALGRP_PRODUCT)	An admin user deactivates a Clearing Account or Clearing House via Clearing Account management or Clearing house management in the WebGUI (only for local exchanges).	Order cancelled because Clearing Account or Clearing House was inactivated: Buy 16Q2 - 5.000 MW for 5.00 EUR.	no

### 3.1.7 Order modified

Message key	Message Content	History Constraints	Message Id and Scope	Triggering action	Example	Generated by backend
x_order_modified	Order modified: {2} {3} - {4}{21} {18} for {5}{22}.	SKIP	14 (BALGRP_PRODUCT)	A trader modifies its own deactivated order in the Own Order panel.	Order modified: Sell 16Q2 - 5.000 MW for 5.00 EUR.	no
x_order_modified_on_behalf_admin	Order modified on behalf: {2} {3} -	-	15 (ADMIN_PRODUCT)	An admin user modifies a	Order modified on behalf: Sell 16-17 -	no



Message key	Message Content	History Constraints	Message Id and Scope	Triggering action	Example	Generated by backend
	{4}{21} {18} for {5} by {0}{22}.			deactivated order in the Own Order panel on behalf of another user.	6.800 MW for 5.16 EUR by SADMI5.	
x_order_modified_on_behalf_user	Order modified on behalf: {2} {3} - {4}{21} {18} for {5}{22}.	SKIP	16 (BALGRP_PRODUC T)	A trader with On Behalf rights modifies a deactivated order in the Own Order panel on behalf of another user.	Order modified on behalf: Buy 16Q4 - 6.200 MW for 5.15 EUR.	no
x_order_modified_ca_inactivated	Order modified because Clearing Account or Clearing House was inactivated: {2} {3} - {4}{21} {18} for {5}{22}.	SKIP	152 (BALGRP_PRODUC T)	See the Message content	See the Message content	no
x_order_modify_already_executed	Order modify failed: {2} {3} - {4}{21} {18} for {5}. Order was already executed, cancelled or modified by other user!	SKIP	17 (BALGRP_PRODUC T)	See the Message content	See the Message content	no

### 3.1.8 Order inactivated

Message key	Message Content	History Constraints	Message Id and Scope	Triggering action	Example	Generated by backend
x_order_inactivate	Order deactivated: {2} {3} - {4}{21} {18} for {5}{22}.	SKIP	21 (BALGRP_PRODUC T)	A trader deactivates an active order in the Own Order panel.	Order deactivated: Buy 21-22 - 10.600 MW for 1.06 EUR.	no
x_order_inactivate_on_behalf_admin	Order deactivated on behalf: {2} {3} - {4}{21} {18} for {5} by {0}{22}.	-	22 (ADMIN_PRODUCT)	An admin user deactivates an active order in the Own Order panel on behalf of another trader.	Order deactivated on behalf: Buy 21-22 - 6.000 MW for 0.70 EUR by SADMI5.	no
x_order_inactivate_on_behalf_user	Order deactivated on behalf: {2} {3} - {4}{21} {18} for {5}{22}.	-	23 (BALGRP_PRODUC T)	A trader deactivates an active order in the Own Order panel on behalf of another trader.	Order deactivated on behalf: Buy 21Q2 - 508.000 MW for 20.80 EUR.	no

### 3.1.9 Quote request

Message key	Message Content	History Constraints	Message Id and Scope	Triggering action	Example	Generated by backend
quote_request	Order Request: {15}, {3}, {1}, {4} {18}, {2}, {16}		143 (MARKET_AREA)	The Quote Request is entered by a trader to request that market makers enter a quote for a specified contract.	Order Request: Hourly_Product, 16-17, DEMO_DA, 40 MW, Buy, 2012-02-28 14:37	no

### 3.1.10 OTC order entered

Message key	Message Content	History Constraints	Message Id and Scope	Triggering action	Example	Generated by backend
x_order_entered_pre	OTC Trade entered: {2} {3} - {4} {18} for {5}.	SKIP	24 (BALGRP_PRODUC T)	A trader enters an OTC trade.	OTC Trade entered: Buy 21-22 - 100.000 MW for 10.00 EUR.	no

Message key	Message Content	History Constraints	Message Id and Scope	Triggering action	Example	Generated by backend
x_order_entered_pre_on_behalf_admin	On behalf OTC trade entered: {2} {3} - {4} {18} for {5} by {0}.	SKIP	25 (ADMIN_PRODUCT)	An admin user enters an OTC trade on behalf of another user.	On behalf OTC trade entered: Buy 17-18 - 6.000 MW for 0.70 EUR by SADM12.	no
x_order_entered_pre_on_behalf_user	On behalf OTC trade entered: {2} {3} - {4} {18} for {5}.	SKIP	26 (BALGRP_PRODUCT)	A trader user enters an OTC trade on behalf of another user.	OTC Trade entered: Buy 19-20 - 3.000 MW for 0.70 EUR.	no
x_order_received_pre	OTC Trade received: {2} {3} - {4} {18} for {5}.	SKIP	27 (BALGRP_PRODUCT)	A trader receives an OTC trade sent by another user with the corresponding Receiver Trading Account.	OTC Trade received: Buy 19-20 - 3.000 MW for 0.70 EUR.	no

### 3.1.11 OTC Order

Message key	Message Content	History Constraints	Message Id and Scope	Triggering action	Example	Generated by backend
x_order_deleted_pre	OTC Trade cancelled: {2} {3} - {4} {18} for {5}.	SKIP	28 (BALGRP_PRODUCT)	A trader creates an OTC order and subsequently deletes it (The message is sent to OTC trade originator.).	OTC Trade cancelled: Sell 22-23 - 100.000 MW for 10.00 EUR.	no
x_order_deleted_pre_on_behalf_admin	OTC trade cancelled on behalf: {2} {3} - {4} {18} for {5} by {0}.	SKIP	29 (ADMIN_PRODUCT)	An admin user creates an OTC order and subsequently deletes it (This message is shown to an originator.).	OTC trade cancelled on behalf: Buy 20-21 - 200.000 MW for 20.00 EUR by SADM12.	no
x_order_deleted_pre_on_behalf_user	OTC trade cancelled on behalf: {2} {3} - {4} {18} for {5}.	SKIP	30 (BALGRP_PRODUCT)	A trader creates an OTC order on behalf of another trader and subsequently deletes it (This message is shown to an originator.).	OTC trade cancelled on behalf: Buy 19-20 - 3.000 MW for 0.70 EUR.	no
x_order_revoked_pre	OTC Trade revoked: {2} {3} - {4} {18} for {5}.	SKIP	31 (BALGRP_PRODUCT)	This message is shown to a receiver of the OTC trade when the OTC trade is cancelled by an originator.	OTC Trade revoked: Sell 22-23 - 601.100 MW for 80.00 EUR.	no
x_order_modified_pre	OTC Trade modified: {2} {3} - {4} {18} for {5}.	SKIP	32 (BALGRP_PRODUCT)	The OTC trade is modified by a trader.	OTC trade modified: Buy 19-20 - 3.000 MW for 0.70 EUR.	no
x_order_modified_pre_on_behalf_admin	OTC trade modified on behalf: {2} {3} - {4} {18} for {5} by {0}.	SKIP	33 (ADMIN_PRODUCT)	The OTC trade is modified on behalf of an admin user.	OTC trade modified on behalf: Buy 19-20 - 3.000 MW for 0.70 EUR.	no
x_order_modified_pre_on_behalf_user	OTC trade modified on behalf: {2} {3} - {4} {18} for {5}.	SKIP	34 (BALGRP_PRODUCT)	The OTC trade is modified on behalf of another trader.	OTC trade modified on behalf: Buy 19-20 - 3.000 MW for 0.70 EUR.	no
x_order_rejected	OTC Trade rejected: {2} {3} - {4} {18} for {5}.	SKIP	35 (BALGRP_PRODUCT)	The message is shown to an originator who created an OTC trade which was rejected by a receiver.	OTC Trade rejected: Sell 17-18 - 400.000 MW for 20.00 EUR.	no

Message key	Message Content	History Constraints	Message Id and Scope	Triggering action	Example	Generated by backend
x_order_rejected_half_admin	OTC Trade rejected on behalf: {2} {3} - {4} {18} for {5} by {0}.	SKIP	36 (ADMIN_PRODUCT)	The message is shown to an originator (admin user operating on behalf of another trader) who created an OTC trade which was rejected by a receiver.	OTC Trade rejected on behalf: Sell 21-22 - 500.000 MW for 50.00 EUR by SADM12.	no
x_order_rejected_half_user	OTC Trade rejected on behalf: {2} {3} - {4} {18} for {5}.	SKIP	37 (BALGRP_PRODUCT)	The message is shown to an originator (a user operating on behalf of another trader) who created an OTC trade which was rejected by a receiver.	OTC Trade rejected on behalf: Sell 21-22 - 500.000 MW for 50.00 EUR.	no
x_order_rejected_half_originator	OTC Trade rejected by {6}: {2} {3} - {4} {18} for {5}.	SKIP	38 (BALGRP_PRODUCT)	The message is sent when an originator of the OTC order rejects the OTC order.	OTC Trade rejected by TM020-BG2-----X: Sell 21-22 - 500.000 MW for 50.00 EUR.	no
x_order_accepted	OTC Trade executed: {2} {3} - {4} {18} for {5}.	SKIP	39 (BALGRP_PRODUCT)	The message is shown to both counterparties of an OTC trade when the receiver accepts the OTC trade.	OTC Trade executed: Sell 19-20 - 500.000 MW for 60.00 EUR.	no
x_pub_recall_trade_acc	OTC Trade accepted on behalf of {6}: {2} {3} - {4} {18} for {5} by {0}.	SKIP	40 (ADMIN_PRODUCT)	The message is shown to both counterparties of the OTC trade. The receiver (a user operating on behalf of another trader) accepts the OTC trade.	OTC Trade accepted on behalf of TM020 BG2 X: Sell 22-23 650.000 MW for 0.70 EUR by SADM12.	no
x_order_accepted_half_user	OTC Trade offer by {6} accepted on behalf: {2} {3} - {4} {18} for {5}.	SKIP	41 (BALGRP_PRODUCT)	An OTC trade is accepted by a trader operating on behalf.	OTC Trade offer by TM020-BG2-----X accepted on behalf.: Sell 22-23 - 650.000 MW for 0.70 EUR.	no
x_order_accepted_half_originator	OTC Trade accepted by {6}: {2} {3} - {4} {18} for {5}.	SKIP	42 (BALGRP_PRODUCT)	An OTC trade is accepted by a trader operating on behalf.	OTC Trade accepted by TM020-BG2-----X: Sell 22-23 - 650.000 MW for 0.70 EUR.	no
x_order_accepted_half_admin	OTC Trade accepted on behalf of {6}: {2} {3} - {4} {18} for {5} by {0}.		40 (ADMIN, PRODUCT)	An OTC trade is accepted by an admin user operating on behalf.	OTC Trade accepted by TM020-BG2-----X: Sell 22-23 - 650.000 MW for 0.70 EUR by SADMIN005.	no

### 3.1.12 Order execution

Message key	Message Content	History Constraints	Message Id and Scope	Triggering action	Example	Generated by backend
x_exec_completely	Order executed completely: {2}	SKIP	50 (BALGRP_PRODUCT)	A trader creates an order whose quantity is subsequently completely matched in the market.	Order executed completely: Sell 13-	no

Message key	Message Content	History Constraints	Message Id and Scope	Triggering action	Example	Generated by backend
	{3} - {4} {18} for {5}.				14 - 289.000 MW for 20.00 EUR.	
x_exec_partial_remain	Partial order execution: {2} {3} - {4} {18} for {5}, {7} {18} remaining.	SKIP	51 (BALGRP_PRODUCT)	The message is shown to Trader1 who creates an order which is partially matched by an order of Trader2.	Partial order execution: Buy 13-14 - 289.000 MW for 20.00 EUR, 311.000 MW remaining.	no
x_exec_partial_del	Partial order execution: {2} {3} - {4} {18} for {5}, {7} {18} cancelled.	SKIP	52 (BALGRP_PRODUCT)	Trader1 creates an order with an IOC execution restriction and quantity1 which is partially matched with an order in the market with quantity2. The message is shown to a trader1 when quantity1 > quantity2.	Partial order execution: Sell 13-14 - 311.000 MW for 20.00 EUR, 200.000 MW cancelled.	no
x_no_exec_order_del	Order cancelled: {2} {3} - {4} {18} for {5}	SKIP	53 (BALGRP_PRODUCT)	A trader creates an OTC order with an IOC execution restriction which is not immediately executed	Order cancelled: Buy 16-17 - 500.000 MW	no

### 3.1.13 Trade Administration

Message key	Message Content	History Constraints	Message Id and Scope	Triggering action	Example	Generated by backend
recall_trade	Recall request trade: {3} - {4} {18} for {5}.	-	54 (BALGRP_PRODUCT)	The message is sent to both counterparties of a trade when the trade recall is requested by the counterparty	Recall request trade: 15-16 - 61.700 MW for 10.00 EUR.	no
recall_trade_acc	Recall trade accepted: {3} - {4} {18} for {5}.	-	57 (BALGRP_PRODUCT), 59 (ADMIN_PRODUCT)	The message is shown to both counterparties of the trade when the market operator accepts a trade recall.	Recall trade accepted: 15-16 - 61.700 MW for 10.00 EUR.	no
recall_trade_rej	Recall trade rejected: {3} - {4} {18} for {5}.	-	58 (BALGRP_PRODUCT), 60 (ADMIN_PRODUCT)	The rejection of a trade recall by the market operator is followed by the message shown to both parties of the trade.	Recall trade rejected: 15-16 - 16.200 MW for 10.00 EUR.	no
recall_not_possible	Recall not possible: {3} - {4} {18} for {5}.	-	61 (BALGRP_PRODUCT)	Recall not possible: {3} - {4} {18} for {5}.		no

### 3.1.14 Logout action and disconnection messages

Message key	Message Content	History Constraints	Message Id and Scope	Triggering action	Example	Generated by backend
logout_action_no_action	Connection loss: {0} was disconnected. All orders remain unchanged.	-	136 (BALGRP)	A front-end loses connection to the trading system without performing a proper logout. The message is shown in case the user selected No Action as the Action in case of disconnection on the Safeguards tab of the Login window.	Connection loss: TRD005 was disconnected. All orders remain unchanged.	yes
logout_action_deactivate_myorders	Connection loss: {0} was disconnected. All orders of this trader will be deactivated.	-	137 (BALGRP)	If a front-end loses connection to the trading system without performing a proper logout. The message is shown in case the user selected Deactivate orders on a trader level as the Action in case of disconnection in the Safeguards tab of the Login window.	Connection loss: TRD005 was disconnected. All orders of this trader will be deactivated.	yes
logout_action_deactivate_bgorders	Connection loss: {0} was disconnected. All orders of the following balancing groups will be deactivated: {6}.	-	138 (BALGRP)	A front-end loses connection to the trading system without performing a proper logout. The message is shown in case the user selected Deactivate orders on an account level as the	Connection loss: TRD005 was disconnected. All orders of the following balancing groups will be deactivated: TM001-	yes

Message key	Message Content	History Constraints	Message Id and Scope	Triggering action	Example	Generated by backend
				Action in case of disconnection in the Safeguards tab of the Login window.	BG1-----X, TM001-BG2-----X.	

### 3.1.15 Connection loss messages

Message key	Message Content	History Constraints	Message Id and Scope	Triggering action	Example	Generated by backend
connection_loss_no_action	This is the first login after a connection loss. The connection loss was detected at {8} and due to your disconnect settings no orders have been deactivated automatically. Please check orders and trades.	STORE	139 (BALGRP)	A front-end loses connection to the trading system without performing proper logout. The message is shown in case the user selected No Action as the Action in case of disconnection in the Safeguards tab of the Login window and logged in for the first time after the disconnection.	See the Message content	yes
connection_loss_deactivate_myorders	This is the first login after a connection loss. The connection loss was detected at {8} and due to your disconnect settings all your orders have been deactivated. Please check orders and trades.	STORE	140 (BALGRP)	A front-end loses connection to the trading system without performing a proper logout. The message is shown in case the user selected Deactivate orders on a trader level as the Action in case of disconnection in the Safeguards tab of the Login window and logged in for the first time after the disconnection.	See the Message content	yes
connection_loss_deactivate_bgorders	This is the first login after a connection loss. The connection loss was detected at {8} and due to your disconnect settings all orders of following balancing groups have been deactivated: {6}. Please check orders and trades.	STORE	141 (BALGRP)	A front-end loses connection to the trading system without performing a proper logout. The message is shown in case the user selected Deactivate orders on an account level as the Action in case of disconnection in the Safeguards tab of the Login window and logged in for the first time after the disconnection.	See the Message content	yes
connection_loss_admin	This is the first login after a connection loss. The connection loss was detected at {8}.	STORE	142 (BALGRP)	The message is sent to a trader upon the first successful login after a connection loss.	See the Message content	yes

## 3.2 Public messages

Message key	Message Content	History Constraints	Message Id and Scope	Triggering action	Example	Generated by backend
x_public_trade	Trade {buy_ma}/{sell_ma}: {3} - {4} {18} for {5}.	SKIP	70 (PUBLIC_PRODUCT)	The message is sent when a trade is performed.	Trade DE/DE: 17-18 - 18.100 MW for 60.00 EUR.	no
x_public_trade_pre	OTC trade: {3} - {4} {18}.	SKIP	71 (PUBLIC_PRODUCT)	The message is sent when an OTC trade is performed (i.e. OTC order is accepted by the receiver).	OTC trade: 22-23 - 400.000 MW.	no
x_recall_trade_public	Recall request trade: {3} - {4} {18}.	SKIP	56 (PUBLIC_PRODUCT)	The public message is shown to the market when one counter party of the trade requests the trade recall.	Recall request trade: 17-18 - 25.500 MW.	no
x_pub_recall_trade_acc	Recall trade accepted: {3} - {4} {18}.	SKIP	72 (PUBLIC_PRODUCT)	A market operator accepts a recall request.	Recall trade accepted: 17-18 - 26.100 MW.	no
x_pub_recall_trade_rej	Recall trade rejected: {3} - {4} {18}.	SKIP	73 (PUBLIC_PRODUCT)	A market operator rejects a recall request.	Recall trade rejected: 17-18 - 25.500 MW.	no
x_contract_closed	Contract {3} closed - All open orders cancelled.	SKIP	74 (PUBLIC_PRODUCT)	The message is sent upon contract expiration.	Contract 17-18 closed - All open orders cancelled.	no
x_contract_closed_tsos	Contract {6} - All open orders cancelled.	SKIP	76 (MARKET_AREA)	The message is sent upon contract expiration.	Contract 13Q1 closed for RWE, EnBW, VE, EON - All open orders cancelled.	no
x_contract_in_balancing_phase	Balancing Trading Phase for contract {6} started. Please verify your open orders	SKIP	77 (MARKET_AREA)	x_trading_procedure_cancelled	x_trading_procedure_cancelled	no
contract_modified	Trading period {6} of contract {3} modified for {1}: (Start: {16} - End: {17})	-	78 (MARKET_AREA)	A market operator changes a phase end of the Trading phase in the Modify Trading Period section of the Contract Modification tab.	Trading period 15-16 modified for Demo: (Start: 2016-05-12 15:00 - End: 2016-05-13 14:45) by SADM12.	no
x_contract_modified_private	Trading period {6} of contract {3} modified for {1}: (Start: {16} - End: {17}) by {0}.	SKIP	79 (ADMIN_PRODUCT)	A market operator changes a phase end of the Trading phase in the Modify Trading Period section of the Contract Modification tab.	Trading period 15-16 modified for Demo: (Start: 2016-05-12 15:00 - End: 2016-05-13 14:45) by SADM12.	yes
x_contract_modification_cancelled	Maintenance for contract {3} cancelled by {0}.	-	82 (ADMIN_PRODUCT)	A market operator cancels the modification of a contract.	See the Message content	no
x_status_already_trading	Service already in status trading.	SKIP	97 (ADMIN)	The market service status is currently trading. A market operator selects Service TRADING and clicks on the submit button in the Service HALT tab.	Service already in status trading.	yes
x_status_already_halt	Service already in status halt.	SKIP	98 (ADMIN)	The market service status is currently set to halt. A market operator selects Service HALT and clicks on the submit button in the Service HALT tab.	The market service is trading. A market operator selects Service TRADING and clicks on the submit button in the Service HALT tab. The private status message is shown in the WebGui.	yes

Message key	Message Content	History Constraints	Message Id and Scope	Triggering action	Example	Generated by backend
x_trading_procedure_cancelled	Trading procedure for market cancelled by {0}.	-	95 (ADMIN)	x_trading_procedure_cancelled	x_trading_procedure_cancelled	no
x_halt_procedure_cancelled	Halt procedure for market cancelled by {0}.	-	96 (ADMIN)	x_trading_procedure_cancelled	x_trading_procedure_cancelled	no
contract_hibernated	Contract {3} set to HALT for {6}. All open orders deactivated.	-	83 (MARKET_AREA)	A market operator selects HIBE in the Activate/Deactivate selection box in the Modify Trading Period section of the Contract Modification tab.	Contract 20-21 set to HALT for Demo. All open orders deactivated.	no
contract_activated	Contract {3} set to TRADING for {6}.	-	84 (MARKET_AREA)	A market operator selects ACTI in the Activate/Deactivate selection box in the Modify Trading Period section of the Contract Modification tab.	Contract 20-21 set to TRADING for Demo.	no
x_contract_hibernate_private	Contract {3} set to HALT for {6} by {0}.	SKIP	85 (ADMIN_PRODUCT)	A market operator selects HIBE in the Activate/Deactivate selection box in the Modify Trading Period section of the Contract Modification tab.	Contract 20-21 set to HALT for Demo. All open orders deactivated.	no
x_contract_activated_private	Contract {3} set to TRADING for {6} by {0}.	SKIP	86 (ADMIN_PRODUCT)	A market operator selects ACTI in the Activate/Deactivate selection box in the Modify Trading Period section of the Contract Modification tab.	Contract 20-21 set to TRADING for Demo.	no
supervisor_message	{6}	-	88 (PUBLIC) 89 (MARKET AREA)	A market operator sends a message using Enter user defined message in the Message tab.	The text with the corresponding selected priority.	yes
x_supervisor_message_private	Market Supervision Message sent by {0}.	-	90	A market operator sends a message using Enter user defined message in the Message tab.	Market Supervision Message sent by SADMIN2.	yes
market_halt	Service set to HALT. No Trading possible. All open orders deactivated.	-	91 (PUBLIC)	A market operator selects Service HALT in the Service HALT tab.	Service set to HALT. No Trading possible. All open orders deactivated.	no
market_go	Service set to TRADING.	-	92 (PUBLIC)	A market operator selects Service TRADING in the Service HALT tab..	Service set to TRADING.	no
x_market_halt_private	Service set to HALT by {0}.	SKIP	93 (ADMIN)	A market operator selects Service HALT in the Service HALT tab.	Service set to HALT by SADMIN2.	yes
x_market_go_private	Service set to TRADING by {0}.	SKIP	94 (ADMIN)	A market operator selects Service TRADING in the Service HALT tab.	Service set to TRADING by SADMIN2.	yes
tso_halt	Delivery Area {1} set to HALT. No Trading possible for {1}. All open orders deactivated.	-	101 (MARKET_AREA)	A market operator selects Service HALT in the Delivery Area HALT/TRADING section of the Market Area/Delivery Area HALT tab.	Delivery Area Demo set to HALT. No Trading possible for Demo. All open orders deactivated.	no
tso_halt_as_service	Delivery Area in halt: {6}	-	102 (PUBLIC)	A market operator clicks Set all Delivery Areas to	Delivery Area in halt: Demo	yes



Message key	Message Content	History Constraints	Message Id and Scope	Triggering action	Example	Generated by backend
				Halt. The warning information is displayed in the WebGui header.		
tso_go	Delivery Area {1} set to TRADING.	-	99 (MARKET_AREA)	A market operator clicks on Set all Delivery Areas to Trading.	Delivery Area Demo set to TRADING.	no
x_tso_halt_private	Delivery Area {1} set to HALT by {0}.	-	103 (ADMIN)	A market operator selects Service HALT in the Delivery Area HALT/TRADING section of the Market Area/Delivery Area HALT tab.	Delivery Area Demo set to HALT by SADMIN2.	yes
x_tso_go_private	Delivery Area {1} set to TRADING by {0}.	-	100 (ADMIN)	A market operator clicks on Set all Delivery Areas to Trading.	Delivery Area Demo set to TRADING by SADMIN2.	yes
x_tso_already_trading_private	Delivery Area {1} already in status TRADING.	-	105 (ADMIN)	A market operator selects TRADING in the Delivery Area HALT/TRADING section of the Market Area/Delivery Area HALT tab. But the corresponding delivery area is already in trading service.	Delivery Area Demo already in status TRADING.	yes
x_tso_already_halt_private	Delivery Area {1} already in status HALT.	-	104 (ADMIN)	A market operator selects HALT in the Delivery Area HALT/TRADING section of the Market Area/Delivery Area HALT tab. But the corresponding delivery area service is already in halt.	Delivery Area Demo already in status HALT.	yes
marketArea_already_in_halt	Market Area {19} already in HALT!	-	106 (ADMIN)	A market operator clicks Set all Delivery Areas to Halt button in the Market Area HALT/TRADING section of the Market Area/Delivery Area HALT tab. But the corresponding market area service is already in halt.	Market Area DE already in HALT!	yes
marketArea_already_in_trading	Market Area {19} already in TRADING!	-	107 (ADMIN)	A market operator clicks the Set all Delivery Areas to Trading button in the Market Area HALT/TRADING section of the Market Area/Delivery Area HALT tab. But the corresponding market area service is already in trading.	Market Area DE already in TRADING!	yes



Message key	Message Content	History Constraints	Message Id and Scope	Triggering action	Example	Generated by backend
trade_cancelled_public	Trade cancelled by Market Operations: {3} - {4} {18}.	-	135 (PUBLIC_PRODUCT)	A market operator cancels a trade.	Trade cancelled by Market Operations: 21-22 - 7.100 MW.	no
auction_finished	{3} auction finished, price {5}, traded quantity {4}	-	148 (PUBLIC_PRODUCT)	An auction is finished with a trade performed.	AU123_Jun15 auction finished, price 0.09 EUR, traded quantity 3	no
auction_finished_no_trade	{3} auction finished, traded quantity {4}	-	149 (PUBLIC_PRODUCT)	An auction is finished without any trade performed.	AFT_Q1_15 auction finished, traded quantity 0	no
failover_event	Failover event took place.	SKIP	146 (PUBLIC)	The unintentional outage or failure of one or more components of the system. Immediate switching to the backup component or even backup environment is done.	Failover event took place.	yes
x_contract_closed_timestamps	Contract {6} - All open orders cancelled.	SKIP	76 (MARKET_AREA)	The message is sent upon contract expiration.	Contract 13Q1 closed for RWE, EnBW, VE, EON - All open orders cancelled.	yes
aot_incomplete_inactive_contract_for_data	Aot was completed only partially. Orders for {3} and {1} was not transferred.		164 (BALGRP_PRODUCT)	The error message is sent when AOT could not be fully performed or performed at all due to: <ul style="list-style-type: none"> <li>• a delivery area halt;</li> <li>• service halt;</li> <li>• a product being deactivated;</li> <li>• a disconnection from XBID during AOT.</li> </ul>	Aot was completed only partially. Orders for 17-18 and AMP was not transferred.	yes

### 3.3 Admin messages

Message key	Message Content	History Constraints	Message Id and Scope	Triggering action	Example	Generated by backend
admin_recall_trade	Recall requested: {3} - {4} {18} for {5}.	-	62 (ADMIN_PRODUCT)	One counterparty of the trade requests a recall. The private status message is shown in the WebGUI.	Recall requested: 10-11 - 8.100 MW for 10.00 EUR.	no
recall_trade_behalf	Trade recall requested on behalf: {3} - {4} {18} for {5}.	-	55 (BALGRP_PRODUCT)	A trader requests a recall on behalf of another user.	Trade recall requested on behalf: 14-15 - 14.100 MW for 70.00 EUR.	no
admin_recall_trade_onbehalf	Trade recall requested on behalf: {3} - {4} {18} for {5} by {0}.	-	63 (ADMIN_PRODUCT)	Market operator requests a recall on behalf of another user.	Trade recall requested on behalf: 14-15 - 14.100 MW for 70.00 EUR by SADM15.	no
msg_product_updated	Product values updated by {0}.	-	110	A market operator updates the values of a product in the Product management (e.g. the tick size of the product).	Product values updated by SADM11.	no

Message key	Message Content	History Constraints	Message Id and Scope	Triggering action	Example	Generated by backend
msg_product_reloaded	Product values reloaded by {0}.	-	111	msg_product_reloaded	msg_product_reloaded	no
msg_suspend_private	Your User was suspended. Trading not possible.	STORE	113 (BALGRP)	msg_product_reloaded	msg_product_reloaded	no
msg_unsuspend_private	Your User was unsuspended. Trading possible.	STORE	114 (BALGRP)	msg_product_reloaded	msg_product_reloaded	no
msg_bg_suspend_admin	Balancing group {6} suspended.	-	115 (ADMIN)	msg_product_reloaded	msg_product_reloaded	no
msg_bg_unsuspend_admin	Balancing group {6} unsuspended.	-	116 (ADMIN)	msg_product_reloaded	msg_product_reloaded	no
msg_member_suspend_admin	Member {6} suspended.	-	117 (ADMIN)	msg_product_reloaded	msg_product_reloaded	no
msg_member_unsuspend_admin	Member {6} unsuspended.	-	118 (ADMIN)	See the Error content	See the Error content	no
cob_auction_started	IDCB Auction for contract {3} and delivery areas {6} started	-	121 (PUBLIC_PRODUCT)	Cross border trading is enabled. Order1: Contract: 17-18, B/S: B, Qty: 30, Prc: 35, TSO: RWE Order2: Contract: 17-18, B/S: S, Qty: 30, Prc: 36, TSO: RTE No trade is executed due to different prices; thus, the auction is triggered.	IDCB Auction for contract 17-18 started	no
cob_auction_finished	IDCB Auction for contract {3} and delivery areas {6} finished	-	122 (PUBLIC_PRODUCT)	See the cob_auction_started message key. The triggered auction is finished.	IDCB Auction for contract 17-18 finished	no
cob_auction_results	{4} {18} executed with price {5} executed during IDCB auction for contract {3}	-	123 (PUBLIC_PRODUCT)	An auction trade price that results in the highest executable volume in the netting process is determined during the IDCB auction.	30 MW executed with price 35.3 executed during IDCB auction for contract 17-18	no
capacity_recall_failed	Recall of capacity not possible. Capacity imbalance {6} of {4} MW.	-	64 (ADMIN_PRODUCT)	The recall of a cross-border trade is requested, but the corresponding capacity cannot be recalled anymore. The subsequent forced recall leads to an imbalance.	Recall of capacity not possible. Capacity imbalance Not enough capacity for recall trade: 123 of 45 MW.	yes
capacity_recall_possible	Recall of trade possible until {16}.	-	65 (ADMIN)	See the Error content	See the Error content	no
capacity_recall_not_possible	Recall of cross-border trade not	-	66 (ADMIN)	See the Error content	See the Error content	no

Message key	Message Content	History Constraints	Message Id and Scope	Triggering action	Example	Generated by backend
	possible due to restrictions in the Capacity Service.					
capacity_recall_not_possible_gtc	Recall of cross-border trade not possible due to gate closure time.	-	67 (ADMIN)	See the Error content	See the Error content	no
x_status_capacity_already_disabled	Capacity interface is already disabled.	SKIP	124 (ADMIN)	A market operator selects Disabled in the Capacity Interface section of the Cross-Border tab and clicks on the submit button but the Capacity interface is already disabled.	Capacity interface is already disabled.	yes
x_status_capacity_already_enabled	Capacity interface is already enabled.	SKIP	125 (ADMIN)	A market operator selects Enabled in the Capacity Interface section of the Cross-Border tab and clicks on the submit button but the Capacity interface is already enabled.	Capacity interface is already enabled.	yes
x_status_capacity_border_already_enabled	Capacity interface for border {6} is already enabled.	SKIP	127 (ADMIN)	See the Error content	See the Error content	yes
x_status_capacity_border_already_disabled	Capacity interface for border {6} is already disabled.	SKIP	126 (ADMIN)	See the Error content	See the Error content	yes
x_status_capacity_disabled	Capacity interface disabled by {0}.	SKIP	128 (ADMIN)	A market operator selects Disabled in the Capacity Interface section of the Cross-Border tab and clicks on the submit button.	Capacity interface disabled by SADM13.	no
x_status_capacity_enabled	Capacity interface enabled by {0}.	SKIP	129 (ADMIN)	A market operator selects Enabled in the Capacity Interface section of the Cross-Border tab and clicks on the submit button.	Capacity interface enabled by SADM13.	no
x_status_capacity_border_disabled	Capacity interface for border {6} disabled by {0}.	SKIP	130 (ADMIN)	A market operator unticks Border Ids in the Capacity Border Configuration and clicks on the submit button (both Capacity Interface and Cross Border OTC Trading are enabled). As many private status messages as the number of unticked Border Ids are shown (e.g. CH-DE	Capacity interface for border CH/FR disabled by SADM13.  Capacity interface for border CH/DE disabled by SADM13.	no

Message key	Message Content	History Constraints	Message Id and Scope	Triggering action	Example	Generated by backend
				and CH-FR were unticked).		
x_status_capacity_b_order_enabled	Capacity interface for border {6} enabled by {0}.	SKIP	131 (ADMIN)	See the x_status_capacity_b_order_disabled. The Border Ids are now ticked.	Capacity interface for border DE/FR enabled by SADMI3.  Capacity interface for border CH/FR enabled by SADMI3.	no
trade_cancelled_private_admin	Trade cancelled by {0}: {3} - {4} {18}.	-	134 (ADMIN_PRODUCT)	A market operator cancels a trade in the All trade panel. The private status message is shown.	Trade cancelled by SADMI5: 14-15 - 7.100 MW.	no
trade_cancelled_private_trader	Trade cancelled by Market Operations: {3} - {4} {18} for {5}.	-	133 (BALGRP_PRODUCT)	A market operator cancels a trade in the All trade panel. The public message is shown.	Trade cancelled by Market Operations: 14-15 - 7.100 MW.	no
unacknowledged_trades	{6}: Unacknowledged trades: Please check!	-		See the Error content.	See the Error content.	yes
cross_product_spread_created	New cross product spread {6} created.	-	150 (PUBLIC)	When a new Cross Product Spread is created, the message is displayed.	New cross product spread Cross_Product_Demo created.	no
x_contract_closing_price_changed	Closing price for contract {3} was changed to {5}.	-	147 (PUBLIC_PRODUCT)	A market operator changes the Closing price in the Set Closing Price section of the Contract Modification tab.	Closing price for contract 11Q4 was changed to 10.00 EUR.	no
lts_connection_loss_admin	SOB: This is the first login after a connection loss. The connection loss was detected at {8}.		142 (BALGRP)	The message is sent upon connection loss between XBID and M7 to admin.	SOB: This is the first login after a connection loss. The connection loss was detected at 2012-02-28 14:37	SOB
lts_connection_loss_deactivate_bgorders	SOB: This is the first login after a connection loss. The connection loss was detected at {8} and due to your disconnect settings all orders of following balancing groups have been deactivated: {6}. Please check orders and trades.		141 (ADMIN)	The message is sent upon a connection loss between XBID and M7 and the corresponding logout action.	SOB: This is the first login after a connection loss. The connection loss was detected at 2012-02-28 14:37 and due to your disconnect settings all orders of following balancing groups have been deactivated: BG1, BG2. Please check orders and trades.	SOB
lts_connection_loss_deactivate_myorders	SOB: This is the first login after a connection loss. The connection loss was detected at {8} and due to your disconnect settings all your orders have		140 (ADMIN)	The message is sent upon a connection loss between XBID and M7 and the corresponding logout action.	SOB: This is the first login after a connection loss. The connection loss was detected at 2012-02-28 14:37 and due to your disconnect settings all your	SOB

Message key	Message Content	History Constraints	Message Id and Scope	Triggering action	Example	Generated by backend
	been deactivated. Please check orders and trades.				orders have been deactivated. Please check orders and trades.	
lts_connection_loss_no_action	SOB: This is the first login after a connection loss. The connection loss was detected at {8} and due to your disconnect settings no orders have been deactivated automatically. Please check orders and trades.		139 (ADMIN)	The message is sent upon a connection loss between XBID and M7.	SOB: This is the first login after a connection loss. The connection loss was detected at 2012-02-28 14:37 and due to your disconnect settings no orders have been deactivated automatically. Please check orders and trades.	SOB
lts_failover_event	SOB: Failover event took place, consider informing the market!		146 (ADMIN)	An SOB failover took place.	See Message key.	SOB
lts_market_go	SOB: Service set to TRADING.		92 (PUBLIC)	See Message key.	See Message key.	SOB
lts_market_halt	SOB: Service set to HALT. No Trading possible. All open orders deactivated.		91 (PUBLIC)	See Message key.	See Message key.	SOB
lts_msg_suspend_private	SOB: exchange user suspended - remote trading not possible!		113 (ADMIN)	See Message key.	See Message key.	SOB
lts_msg_unsuspend_private	SOB: exchange user unsuspended - remote trading is now possible!		114 (ADMIN)	See Message key.	See Message key.	SOB
lts_tso_go	SOB: Delivery Area {1} set to TRADING.		99 (PUBLIC)	See Message key.	SOB: Delivery Area DA1 set to TRADING.	SOB
lts_tso_halt	SOB: Delivery Area {1} set to HALT. No Trading possible for {1}. All open orders deactivated.		101 (PUBLIC)	See Message key.	SOB: Delivery Area DA1 set to HALT. No Trading possible for DA1. All open orders deactivated.	SOB
lts_tso_halt_as_service	SOB: Delivery Area in halt: {6}		102 (PUBLIC)	See Message key.	SOB: Delivery Area in halt: DA1	SOB
lts_x_contract_closed	SOB: Contract {3} closed - All open orders cancelled.		74 (PUBLIC_PRODUCT)	See Message key.	SOB: Contract 18-19 closed - All open orders cancelled.	SOB
lts_x_contract_closed_tsos	SOB: Contract {6} - All open orders cancelled.		76 (PUBLIC_PRODUCT)	See Message key.	SOB: Contract 18-19 - All open orders cancelled.	SOB
contract_modified_without_phases	Contract {3} modified: (Activation: {24}, Expiration: {25})		80 (ADMIN)	The status message is sent upon contract activation and expiration modification.	See Message key.	yes
contract_modified_without_phases_private	Contract {3} modified: (Activation: {24}, Expiration: {25}) by {0}.		81 ADMIN_PRODUCT	The status message is sent upon contract activation and expiration modification.	See Message key.	yes

Message key	Message Content	History Constraints	Message Id and Scope	Triggering action	Example	Generated by backend
cash_limit_breached_member	Cash limit in {6} breached! All orders in this currency have been deactivated.		158 (MEMBER)	The error message is sent upon a cash limit breach (current cash limit < 0).	Cash limit in EUR breached! All orders in this currency have been deactivated.	yes
cash_limit_breached_admin	Cash limit of {6} breached! All their open orders in the respective currency have been deactivated.		159 (ADMIN)	The error message is sent upon a cash limit breach (current cash limit < 0).	Cash limit of TM001, TM002 breached! All their open orders in the respective currency have been deactivated.	yes
cash_limit_breach_prevented_during_aot	All orders from contract {3} and delivery area {19} have been transferred as hibernated to prevent a cash limit breach.		163 (MEMBER)	The error message is sent when a cash limit breach is prevented during an automatic order transfer.	All orders from contract 18-19 and delivery area DA1 have been transferred as hibernated to prevent a cash limit breach.	yes
msg_ecc_suspended_member_activation	ECC attempted to release the member {20} which was suspended by Market Operators. Please contact ECC.		160 (ADMIN)	See Message key.	ECC attempted to release the member TM001 which was suspended by Market Operators. Please contact ECC.	yes
timezone_setup_differs	The time zone setup differs, please check remote products and schedules		154 (ADMIN)	The error message is sent to the market operators if the market time zone differs from the current market time zone setup in M7.	See Message key.	yes

## 4 Errors

Errors with a similar meaning are grouped together in the corresponding subchapters.

### 4.1 Order entry, modify, accept

Error key	Error Content	Error Code	Triggering action	Example
invalid_quantity_should_be_in_interval	Invalid quantity: {0}! Quantity should be between {1} and {2}.	1000	An order quantity is not between the Minimum and Maximum Quantity of the product (e.g. using API).	Invalid quantity 0! Quantity should have a value between 0.1 and 999.0.
invalid_hidden_quantity_should_be_in_interval	Invalid hidden quantity: {0}! Quantity should be between {1} and {2}. Smallest possible unit: {3}	1005	An iceberg order quantity is not between the Minimum and Maximum Quantity of the product (e.g. using API).	Invalid quantity 0! Quantity should have a value between 0.1 and 999.0. Smallest possible unit 0.1.
invalid_peak_quantity_should_be_in_interval	Invalid peak quantity: {0}! Quantity should be between {1} and {2}. Smallest possible unit: {3}	1022	A Peak size of an iceberg order is smaller than the Minimum Peak Size or not between the Minimum and Maximum Quantity.	-10! Quantity must be a positive whole number between 25.0 and 999.0. Smallest possible unit: 0.1
price_out_of_valid_range	Price out of valid range: min: {0}, max: {1}.	1003	The price of an order is not between the Minimum and Maximum Price (e.g. using API).	Price out of valid range: min: -100, max: 100.
illegal_order_type	Illegal order type {0}.	1002	An order is created or modified with an order type which is not assigned to the particular product (e.g. using API).	Illegal order type INDICATIVE.
option_price_out_of_valid_range	Option price must be greater than 0.	1003	An option price is smaller than 0 (when creating a bespoke contract)	See the Error content
lift_order_execution_restriction_must_be_fok_or_ioc	Lift order execution restriction must be FOK or IOC.	1007	It is checked that an executed LIFT order has validity restriction NONE.	See the Error content
tso_in_halt_add_order	Delivery Area {0} is in HALT, can't add order	1008	An order is being created for a particular delivery area in HALT (e.g. using API)	Delivery Area DE is in HALT, can't add order
tso_in_halt_modify_order	Delivery Area {0} is in HALT, can't modify order	1009	An order is being modified for a particular delivery area in HALT (e.g. using API)	Delivery Area DE is in HALT, can't modify order
tso_in_halt_activate_order	Delivery Area {0} is in HALT, can't activate order	1010	A deactivated order is to be activated for a particular delivery area which is currently in HALT (e.g. using API)	Delivery Area DE is in HALT, can't activate order
no_trader_selected_for_on_behalf_order	No trader selected for on-behalf order	1011	An order is created on behalf of another user without specifying the target trader (e.g. using API).	See the Error content
not_enough_privileges_to_use_selected_order_type	Not enough privileges to use selected order type.	1012	The error is sent when <ul style="list-style-type: none"> <li>A non-balancing user is trying to enter a balancing order.</li> <li>An exchange prearranged trade or Private and Confidential trade is not entered by an admin, broker or exchange user.</li> </ul>	See the Error content
linked_orders_disabled	Linked orders are disabled.	1013	The Linked orders are disabled in the backend. Orders are added into the basket, switched to FOK and Linked orders are selected.	See the Error content
linked_orders_must_belong_to_same_exchange	Linked orders must belong to same exchange	1014	Linked orders are created for remote products.	See the Error content
linked_orders_not_supported_for_product	Linked orders not supported for product {0}	1015	The Linked orders are not enabled in the product configuration.	See the Error content
linked_orders_must_have_fill_or_kill_restriction	Linked orders must have fill or kill restriction.	1016	The orders to be linked don't have an FOK execution restriction.	See the Error content
aot_is_disabled_on_product_cannot_be_enabled_on_order	The order has been rejected. The automatic order transfer is disabled for the product {0}.	1157	The error message is sent when a trader attempts to submit a remote order with the AOT flag set to true, whilst AOT is disabled for the respective linked product.	See the Error content
order_text_length_exceeds_250_characters	Order text length exceeds 250 characters.	1017	The txt field of the OrdEntry request is filled in with more than 250 characters.	See the Error content
target_balancing_group_must_be_set	Target balancing group must be set.	1018	The target balancing group is not selected for a Prearranged trade.	See the Error content
peak_quantity_supported_only_for_iceberg_orders	Peak quantity only supported for iceberg orders	1019	The error is sent when a non-iceberg order is sent with a Peak size quantity which is greater than 0.	See the Error content
peak_delta_supported_only_for_iceberg_orders	Peak delta only supported for iceberg orders	1020	The error is sent when a non-iceberg order is sent with a Peak Price delta that is different from 0.	See the Error content

Error key	Error Content	Error Code	Triggering action	Example
peak_quantity_must_be_positive	Peak quantity must be positive for iceberg orders	1021	The error is sent when an iceberg order is sent with a non-positive Peak quantity.	See the Error content
buy_iceberg_order_cannot_have_ppd_greater_than_0	Buy Iceberg orders cannot have ppd greater than 0.00	1023	The error is sent when a buy iceberg order is sent with a positive Peak Price delta.	See the Error content
sell_iceberg_orders_cannot_have_ppd_smaller_than_0	Sell Iceberg orders cannot have ppd smaller than 0.00	1024	The error is sent when a sell iceberg order is sent with a negative Peak Price delta.	See the Error content
future_price_of_iceberg_is_smaller_than_minimal_product_price	Future price {0} of iceberg order is smaller than product minimal price {1}.	1025	The error is sent when an iceberg order is sent with a Peak Price delta that leads to a future iceberg order price that is smaller than the product Minimum Price.	Future price -150 of iceberg order is smaller than product minimal price -100.
future_price_of_iceberg_is_greater_than_max_product_price	Future price {0} of iceberg order is greater than product maximal price {1}.	1026	The error is sent when an iceberg order is sent with a Peak Price delta that leads to a future iceberg order price that is greater than the product Maximum Price.	Future price 150 of iceberg order is smaller than product minimal price 100.
iceberg_orders_do_not_allow_execution_restrictions	Iceberg orders do not allow order execution restrictions.		See the Error content	See the Error content
iceberg_order_violates_peak_price_delta_range	Iceberg order violates product peak price delta range {0}.	1028	The error is sent when an iceberg order is sent with a Peak Price Delta that leads to an absolute value of the Peak Price Delta that is greater than the Peak Price Range.	Iceberg order violates product peak price delta range 200.
execution_restriction_AON_is_not_allowed_for_selected_instrument	Execution restriction AON is not allowed for selected instrument.	1029	An order with an AON execution restriction is entered, but the AON execution restriction is not allowed for the selected instrument.	Execution restriction AON is not allowed for selected instrument.
iceberg_orders_are_not_available	Iceberg orders are not available.	1030	An iceberg order is entered for a product which has iceberg orders disabled in the product configuration.	See the Error content
existing_quote_order	Quote Order {0} already exists for the specified contract and balancing group	1031	A market maker created quote order which has been already created.	Quote Order 15Q1 already exists for the specified contract and balancing group
target_balancing_group_cannot_be_admin_balancing_group	Target balancing group cannot be the admin balancing group.	1032	The target balancing group of the prearranged trade cannot be an admin balancing group.	See the Error content
target_balancing_group_is_not_allowed_to_trade_product	Target balancing group {0} is not allowed to trade product {1}.	1033	The target balancing group of the prearranged trade is not allowed for the selected product.	Target balancing group TM001-BG1-----X is not allowed to trade product Demo Power.
otc_trades_are_not_supported_for_contracts_in_balance_phase	OTC trades are not supported for contracts in balance phase	1034	A prearranged trade is created in the balancing trading phase.	See the Error content
target_balancing_group_is_not_otc_enabled	Target balancing group {0} is not OTC enabled	1035	OTC Trading is disabled for the target balancing group of the prearranged trade.	Target balancing group TM001-BG1-----X is not OTC enabled
otc_trades_are_not_supported_by_product	OTC trades are not supported by product {0}.	1036	OTC Orders are disabled for the selected product of the prearranged trade.	OTC trades are not supported by product Demo Power.
balancing_group_is_not_otc_enabled	Balancing group {0} is not OTC enabled	1037	The error is sent when OTC trading is disabled for: <ul style="list-style-type: none"> <li>• A balancing group of the prearranged trade</li> <li>• A balancing group of the on exchange prearranged trade</li> <li>• A balancing group of the Private and confidential prearranged trade</li> </ul>	Balancing group TM001-BG1-----X is not OTC enabled
block_orders_are_not_supported_for_product	Block orders are not supported for product {0}.	1038	A block order is entered using a product which has Block Orders disabled in the backend.	Block orders are not supported for product Demo Power.
balance_orders_are_not_supported_for_product	Balance orders are not available for this product {0}.	1039	A balancing order is entered for a contract which is not in the balancing contract phase.	Balance orders are not available for this product Demo Power.
iceberg_orders_are_not_supported_for_product	Iceberg orders are not available for this product {0}.	1040	An Iceberg order is entered for a product which has Iceberg Orders disabled in the backend.	Iceberg orders are not available for this product Demo Power.



Error key	Error Content	Error Code	Triggering action	Example
stop_orders_are_not_supported_for_product	Stop orders are not available for this product {0}.	1041	A stop order is entered for a product which has Stop Orders disabled in the backend.	Stop orders are not available for this product Demo Power.
restriction_is_not_allowed_for_block_orders	Restriction {0} is not allowed for block orders.	1042	A block order can only have an AON or IOC execution restriction (otherwise the error is sent).	Restriction FillOrKill is not allowed for block orders.
restriction_is_not_allowed_for_stop_orders	Restriction {0} is not allowed for stop orders.	1043	The stop limit orders cannot be entered with the execution restriction FOK or IOC.	Restriction IOC is not allowed for stop orders.
restriction_is_not_allowed_for_quote_orders	Restriction {0} is not allowed for quote orders.	1044	A quote is created with the FOK execution restriction.	Restriction FOK is not allowed for quote orders.
hidden_quantity_must_be_positive	Hidden quantity must be positive for iceberg orders.	1045	The error is sent when a hidden quantity of an iceberg order is negative.	See the Error content
peak_quantity_is_larger_than_total_quantity	Submission is not possible. Peak quantity is larger than total order quantity. Please either increase the order quantity to at least the peak quantity or change the order type to REG.	1046	An iceberg order with the Peak Size Quantity greater than the Total Quantity	See the Error content
not_allowed_to_change_restriction_for_block_orders	It is not allowed to change the order restriction for block orders	1047	An execution restriction of a block order is modified.	See the Error content
cannot_modify_order_in_contract_state	Cannot modify order in contract state {0}.	1048	Only orders in ACTI and BALA contract phases can be modified.	Cannot modify order in contract state IACT.
concurrent_order_access	Concurrent order access. Please reinquire to refresh screen.	1049	Two traders of one member are logged into a frontend client. The first trader creates an order. The second trader modifies this order but doesn't press the submit button. The first trader also modifies this order and presses the submit button.	See the Error content
cannot_enter_aon_for_canonical_contract	Can't enter AON order for canonical contract.	1050	An order with an AON execution restriction is entered for a canonical contract	See the Error content
cannot_enter_open_for_user_defined_blocks	Can't enter OPEN order for user-defined blocks.	1051	Only orders of the type BLOCK, PREARRANGED, BALANCE and INDICATIVE may be assigned to a block contract.	See the Error content
cannot_enter_ioc_and_fok_orders_in_auction	Can't enter orders for immediate execution (IOC, FOK) when contract is in auction.	1052	A user enters an order with the FOK or IOC execution restriction in the auction trading phase.	See the Error content
balance_block_supported_only_ioc_restriction	Balance block orders supported only with IOC restriction.	1053	A block balancing order is entered without an IOC execution restriction.	See the Error content
market_sweep_orders_not_allowed_during_balancing_phase	Market sweep orders not allowed during Balancing Phase.	1054	The block order with an IOC execution restriction (Market sweep orders) is entered.	See the Error content
block_contracts_which_start_at2_are_not_allowed_on_dst_end_day	Block contracts which start at 2 o'clock are not allowed on DST end day.	1055	A block order which starts at 2PM for a DST Block Trading Product is entered.	See the Error content
invalid_stop_price_under_current_price	Invalid Stop price. The Stop Price for a buy order has to be higher than the current market price.	1056	A user enters a buy Stop order with a Stop price that is smaller than the best available price in the Order Book.	See the Error content
invalid_stop_price_above_current_price	Invalid Stop price. The Stop price for a sell order has to be lower than the current market price.	1057	A user enters a sell Stop order with a Stop price that is greater than the best available price in the Order Book.	See the Error content
stop_price_only_for_stop_orders	Stop price supported only for Stop Limit orders.	1058	A user enters a non-zero stop price for an order which is not a Stop order.	See the Error content
missing_validity_restriction	Missing validity restriction.	1059	The validation error is applied to the order modification requests (OrdModifyReq and ModifyAllOrders) when the respective property (validity restriction) is missing.	See the Error content
missing_expiration_time	Missing expiration time	1060	The validation error is applied to the order modification requests (OrdModifyReq and ModifyAllOrders) when the respective property is	See the Error content

Error key	Error Content	Error Code	Triggering action	Example
			missing. A user creates an order with GTD validity restriction, but the Validity Date is not entered.	
missing_contract	Missing contract.	1061	The validation error is applied to the order modification requests (OrdModifyReq and ModifyAllOrders) when the respective property (contract) is missing.	See the Error content
missing_trader	Missing trader.	1062	The validation error is applied to the order modification requests (OrdModifyReq and ModifyAllOrders) when the respective property (traderId) is missing.	See the Error content
missing_price	Missing price.	1063	The validation error is applied to the order modification requests (OrdModifyReq and ModifyAllOrders) when the respective property (price) is missing.	See the Error content
missing_stop_price	Missing Stop price.	1064	The validation error is applied to the order modification requests (OrdModifyReq and ModifyAllOrders) when the respective property (stop price) is missing.	See the Error content
missing_type_code	Missing type code.	1065	The validation error is applied to the order modification requests (OrdModifyReq and ModifyAllOrders) when the respective property (order type) is missing.	See the Error content
missing_restriction	Missing restriction.	1066	The validation error is applied to the order modification requests (OrdModifyReq and ModifyAllOrders) when the respective property (the execution restriction) is missing.	See the Error content
missing_buy_code	Missing buy code.	1067	The validation error is applied to the order modification requests (OrdModifyReq and ModifyAllOrders) when the respective property (the side of the order) is missing.	See the Error content
missing_account	Missing account.	1068	The validation error is applied to the order modification requests (OrdModifyReq and ModifyAllOrders) when the respective property (the account type) is missing.	See the Error content
missing_balancing_group	Missing balancing group.	1069	The validation error is applied to the order modification requests (OrdModifyReq and ModifyAllOrders) when the respective property (the balancing group) is missing.	See the Error content
valdate_cannot_be_in_the_past	ValDate cannot be in the past.	1070	A trader creates an order with GTD validity restriction, but the Validity Date is set to be in the past.	See the Error content
valdate_cannot_be_after_contract_expiration	ValDate cannot be after contract expiration.	1071	A trader creates an order with a GTD validity restriction, but the Validity Date is after the corresponding contract expiration.	See the Error content
valdate_cannot_be_after_contract_end_of_delivery	ValDate cannot be after contract end of delivery.	1072	A trader creates an order with a GTD validity restriction, but the Validity Date is after the end of delivery.	See the Error content
valdate_cannot_be_later_than_balancing_phase_end	ValDate cannot be later than balancing phase end.	1073	A trader creates an order with a GTD validity restriction, but the Validity Date is after the end of balancing phase.	See the Error content
valdate_cannot_be_later_than_trading_end	ValDate cannot be later than trading end.	1074	A trader creates an order with a GTD validity restriction, but the Validity Date is after the end of balancing phase.	See the Error content
order_validity_time_must_be_multiple_of_5_minutes	Order validity time must be a multiple of 5 minutes.	1075	The error is shown when the Validity Time is not a multiple of 5 minutes (e.g. 16:43).	See the Error content
validity_restriction_not_allowed_for_orders_for_immediate_execution	Validity restriction not allowed for orders submitted for immediate execution (IOC, FOK)	1076	A user creates an order with a validity restriction of GTD and the execution restriction of FOK or IOC.	See the Error content
cross_border_otc_not_available	Cross Border OTC trading not available.	1077	A trader creates an OTC order between two members (DA1:DA2). The trader with DA2 assigned tries to accept the OTC trade.	See the Error content

Error key	Error Content	Error Code	Triggering action	Example
cross_border_with_product_not_supported	Cross border trading with {0} not supported	1078	The Cross Border is disabled for a particular product in the backend (Units section of the Details tab of the Product management in the WebGui).	Cross border trading with Power Demo not supported
no_capacity_available_to_accept_cross_border_otc	No capacity available to accept cross-border OTC order.	1079	A trader creates an OTC cross-border order but the required capacity is not available.	See the Error content
otc_trades_can_be_done_only_within_the_same_market	OTC trades can be done only within the same market.	1080	A trader creates an OTC order with different market areas of each counter order.	See the Error content
cannot_execute_only_target_bg_can_accept	Can't execute!: Only target BG can accept.	1081	A trader creates an OTC trade with a receiving balancing group. The error is sent to a trader which does not have this balancing group assigned and tries to accept the OTC trade.	See the Error content
cannot_execute_only_target_bg_can_reject	Can't execute!: Only target BG can reject.	1082	A trader creates an OTC trade with a receiving balancing group. The error is sent to a trader which does not have this balancing group assigned and tries to reject the OTC trade.	See the Error content
cannot_accept_inactive_otc_trade	Can't accept inactive OTC Trade	1083	A trader tries to accept an OTC trade which is already inactive.	See the Error content
modification_type_not_supported	State {0} is not supported.	1084	A generic exception when trying to create or update an entity with an invalid Modification Type (i.e. creating a Balancing group with INACTIVE modification type).	State DELETED is not supported.
order_not_active	Order {0} is not active.	1085	A non-active order is being modified or deactivated.	See the Error content
order_is_otc	Order {0} is OTC.	1086	A quote request is sent for an OTC order.	See the Error content
cant_accept_otc_tso_in_halt	Can't accept OTC Trade, Delivery Area {0} is in HALT	1087	A receiving party is trying to accept an OTC order for a suspended delivery area (i.e. trader1 creates an OTC trade for TSO DA, then a market operator sets the DA to halt).	Can't accept OTC Trade, Delivery Area DA is in HALT
modification_type_missing	ModificationType missing.	1088	A market operator modifies entities to an inactive state (e.g. a member status in the Create member section of the create member form).	See the Error content
order_should_be_active_or_hibernated_current_state_is	Order {0} should be ACTIVE or HIBERNATED. The current order state is {1}.	1089	The error is triggered when trying to remove or delete an order in other state than ACTIVE or HIBERNATE	Order 15Q1 should be ACTIVE or HIBERNATED. The current order state is IACT.
cant_accept_otc_price_lower_than_tso_min_price	Can't accept OTC trade with price {0} because it's lower than minimum price {1} for Delivery Area {2}	1090	A market operator sets the price range for specific TSO (e.g. min 600 for DA). Subsequently a trader creates an OTC order for DA1 with price = 500 and sends it to a receiving trader. The error message occurs when the receiving trader accepts the order but changes the TSO to DA and submits the request.	Can't accept OTC trade with price -500.00 EUR because it's lower than minimum price 600.00 EUR for TSO DA
cant_accept_otc_price_higher_than_tso_max_price	Can't accept OTC trade with price {0} because it's higher than maximum price {1} for Delivery Area {2}	1091	A market operator sets the price range for specific TSO (e.g. max 700 for DA). Subsequently a trader creates an OTC order for DA1 with price = 800 and sends it to a receiving trader. error message occurs when the receiving trader accepts the order but changes the TSO to DA and submits the request.	Can't accept OTC trade with price -800.00 EUR because it's higher than maximum price 700.00 EUR for TSO DA
otc_not_possible_no_user_with_trading_role	OTC trading not possible. No User assigned with trading role.	1092	The Balancing Group that can be used for OTC Trading is enabled, but no user has the assigned user role.	See the Error content
order_is_not_iceberg	Order is not Iceberg	1093	See the Error content	See the Error content
iceberg_is_not_depleted	Iceberg is not depleted.	1094	See the Error content	See the Error content
depleted_iceberg_has_no_hidden_quantity	Depleted iceberg order has no hidden quantity.	1095	See the Error content	See the Error content
current_logged_user_does_not_match_passed_trader_id	Current logged in trader {0} doesn't match passed traderId {1}	1096	The user that enters the order has a different traderId whist not trading on behalf.	Current logged in trader TRD001 doesn't match passed traderId TRD002
capacity_exceed	Capacity exceed	1097	See the Error content	See the Error content
not_enough_capacity_for_aon	Not enough capacity for AON.	1098	A trader creates a cross-border order between DA1 and DA2 with an AON execution restriction, but the current available capacity is lower than the quantity of the order.	See the Error content

Error key	Error Content	Error Code	Triggering action	Example
capacity_reservation_failed	Capacity reservation failed. {0}	1099	A trader creates a cross-border order between DA1 and DA2. The capacity between DA1-DA2 is allocated. A counter order is entered. Immediately after the ackResp is received, the corresponding contract is set to HALT. The error message is sent.	Capacity reservation failed. ProductInHaltException: Product not active: Direction_DE_to_CH" errCode="1099"
open_close_indicator_required_by_product	Open close indicator is required for selected product.	1127	An Open or Close position indicator is mandatory for products with a type of Futures or Cross-Product Spreads (i.e. a trader creates an order for Futures or Cross-Product Spreads without specifying the O/C indicator).	See the Error content
open_close_indicator_allowed_only_for_future_and_cross_products	Open close indicator can be set only for future and cross products.	1128	A trader creates an order for a product which is not of the type Futures or Cross-Product Spreads whilst specifying the O/C indicator.	See the Error content
indicative_order_must_have_quantity	Indicative order must have quantity > 0.	1129	A trader creates an indicative order with a zero quantity.	See the Error content
indicative_order_execution_restriction_must_be_non	Execution restriction of indicative order must be NON.	1130	A trader creates an indicative order with an execution restriction that is not equal to NON.	See the Error content
indicative_order_validity_restriction_must_be_gfs_or_gtd	Validity restriction of indicative order must be GFS or GTD.	1104	A trader creates an indicative order with a validity restriction that is not equal to GFS or GTD.	See the Error content
indicative_orders_not_supported_for_product	Indicative orders are not supported for selected product.	1131	Indicative Orders are disabled in the backend (Product management). A trader creates an inactive order for a contract of a product which has Indicative Orders disabled.	See the Error content
opt_orders_not_supported_for_product	OPT trades are not supported for selected product.	1132	Prearranged Trade (OPT) is disabled in the backend (Product management). A trader creates an order for an exchange prearranged trade product that does not have OPT enabled.	See the Error content
pnc_orders_not_supported_for_product	PNC trades are not supported for selected product.	1107	Private and Confidential (P&C) is disabled in the backend (Product management). A trader creates an order for a private and confidential prearranged trade product which does not have P&C enabled.	See the Error content
lift_order_validity_restriction_must_be_none	Validity restriction of lift order must be NONE.	1108	A trader creates a lift order (i.e. the product has the Hit & Lift Matcher assigned) with a validity restriction which is not equal to NON.	See the Error content
lift_orders_are_not_supported_for_product	Lift orders are not supported for selected product.	1109	A trader tries to lift an order for a product which does not have the Hit & Lift Matcher assigned.	See the Error content
restriction_is_not_allowed_for_lift_product	Restriction {0} is not allowed for lift product.	1110	A trader creates an order for a product with the Hit & Lift Matcher assigned but which does not have a NON or AON execution restriction.	Restriction FOK is not allowed for lift product.
order_type_is_not_allowed_for_lift_product	Order type {0} is not allowed for lift product.	1111	Only regular, iceberg and indicative orders can be created for a product with the Hit&Lift matcher attribute. The error is sent when a trader creates a Hit&Lift block, stop, balancing or quote order.	Order type STP is not allowed for lift product.
bespoke_contract_supports_only_pnc_orders	Only PNC orders are supported for bespoke contracts.	1112	A trader creates an order for a bespoke contract which is not private and confidential.	See the Error content
quote_different_product	All quotes in a quote request must belong to the same product.	1113	A trader creates a quote request which quotes belong to different products.	See the Error content
quote_duplicate_contract	The Quote Request has two quotes for the same contract.	1114	A trader sends quotes for the same contract in the quote list (e.g. using API).	See the Error content
quote_invalid_price	The Quote Request contains a quote for contract {0} with the sell price smaller than the buy price.	1115	A trader creates a quote request for a contract with a sell price smaller than the buy price.	The Quote Request contains a quote for contract 9:00-10:00 with the sell price smaller than the buy price.
quote_not_allowed_for_product	Quote orders are not allowed for this product.	1116	A trader creates a quote order for a product which has Quote orders disabled in the backend.	See the Error content

Error key	Error Content	Error Code	Triggering action	Example
contract_must_belong_to_product	The contract must belong to the given product.	1117	A trader sends a DeleteQuotesReq specifying a product and contracts that belong to another product.	See the Error content
order_type_not_supported_for_otc_only_product	Order type {0} not supported for OTC only product.	1118	A trader doesn't create a prearranged order for a product which has the OTC only attribute assigned in the backend.	Order type ICB not supported for OTC only product.
balancing_group_suspended_orders_hibernate_all	Balancing group suspended, Can't deactivate orders.	1121	A trader tries to hibernate selected orders of a product assigned to a suspended balancing group.	See the Error content
balancing_group_suspended_orders_edit	Balancing group suspended, Can't edit order.	1122	A trader tries to modify selected order for a product assigned to a suspended balancing group.	See the Error content
balancing_group_suspended_orders_activate	Balancing group suspended, Can't activate order.	1123	A trader tries to activate a deactivated order for a product assigned to a suspended balancing group.	See the Error content
balancing_group_suspended_orders_delete	Balancing group suspended, Can't cancel order.	1124	A trader tries to cancel/delete an order for a product assigned to a suspended balancing group.	See the Error content
aon_product_restriction_supports_only_aon_fok_orders	An All or None product allows only All or Nothing or Fill or Kill order restriction.	1119	A market operator assigns the All or None Execution restriction to a product in the backend. A trader creates an order to this product without AON or FOK execution restriction (e.g. with NON).	See the Error content
iceberg_is_not_allowed_for_aon_product	Iceberg orders are not allowed for an All or None product.	1120	A trader creates an iceberg order with the AON execution restriction.	Iceberg orders are not allowed for an All or None product.
ex_gtd_can_only_be_submitted_by_exchange	ExGTD can only be submitted by exchange	1140	A user without the exchange user role creates an OrdExeReq with exGTD specified.	See the Error content
ex_gtd_cannot_be_in_past	ExGTD can't be in the past.	1102	A user with the exchange user role or central admin creates an OrdExeReq with exGTD in the past.	See the Error content
ex_gtd_later_than_balancing_phase_end	ExGTD can't be later than balancing phase end time.	1106	A user with the exchange user role or central admin creates an OrdExeReq with exGTD which is after the end of the Balancing phase.	See the Error content
ex_gtd_later_than_delivery_end	ExGTD can't be later than delivery end time.	1105	A user with exchange user role or central admin creates OrdExeReq with a exGTD which is after the delivery end.	See the Error content
ex_gtd_later_than_global	ExGTD can't be later than the trading end time of the global schedule.	1103	A user with the exchange user role or central admin creates an OrdExeReq with exGTD which is after the trading end of the global schedule.	See the Error content
ex_gtd_later_than_trading_phase_end	ExGTD can't be later than trading phase end time.	1139	A user with the exchange user role or central admin creates an OrdExeReq with exGTD which is after the end of the Trading phase.	See the Error content
ex_gtd_not_for_fok_or_ioc	ExGTD cannot be submitted for order with the execution restriction IOC or FOK.	1101	A user with the exchange user role or central admin creates an OrdExeReq with exGTD and an IOC or FOK ordExeRestriction.	See the Error content
ex_gtd_not_multiple_of_5	ExGTD must be a multiple of 5 minutes.	1100	The error is shown when the ExGTD Time is not a multiple of 5 minutes (e.g. 16:43).	See the Error content
iceberg_otc_orders_do_not_allow_low_execution_restrictions	Iceberg and OTC orders do not allow order execution restrictions.	1027	An OrdEntry request is sent with an I type (Iceberg order) and an ordExeRestriction that is different than NON.	See the Error content
invalid_contract_id	Invalid contract id {0}.	12615		
invalid_price_modulo_tick_size	Invalid price: {0}! Price must be a multiple of {1}.	1125	An order for a local product is sent with a price which is not a multiple of the corresponding tick size (e.g. using OrdEntry request).	Invalid price: 0.81! Price must be a multiple of 0.02.
invalid_price_should_be_in_interval	Invalid price: {0}! Price should be between {1} and {2}.	1001	An order for a local product is sent with a price which is not between Minimum and Maximum Price configured in the backend (e.g. using OrdEntry request).	Invalid price: 2! Price should be between 10 and 1000.
invalid_quantity_modulo_lot_size	Invalid quantity: {0}! Quantity must be a multiple of {1}.	1126	An order is sent with a quantity which is not a multiple of the lot size (e.g. using OrdEntry request).	Invalid quantity: .63! Quantity must be a multiple of 0.1.
no_orders_submitted	Order list cannot cannot be null or empty	1137	The error is shown when an OrdEntry request is used without any orders (using API).	See the Error content
no_remote_account_for_product_and_delivery_area	No remote account for product {0} and delivery area {1}.	10044	It is verified that a valid remote account is available for the product and the delivery area. If it is not, the error message is returned.	No remote account for product Hourly_Product and delivery area DA1.

Error key	Error Content	Error Code	Triggering action	Example
order_list_must_have_more_than_one_element	Order list can only have one element.	1138	An OrdEntry is sent with more than one OrdList.	See the Error content
order_not_processed_due_to_timeout	Order was not processed due to timeout	1142	See the Error content	See the Error content
order_rejected_self_trade_protection	Order was rejected because of self trade protection.	1149	See the Error content	See the Error content
unsupported_clearing_account_type	Order has an unsupported clearing account type P1. Supported types are [A, P].	1152	An OrdEntry is sent with wrong clearing account type.	See the Error content
recall_resolution_impossible_if_recall_not_requested	Recall resolution not possible: recall on trade not requested!	1136	A TradeProcessResp is sent by an admin for a particular trade, but the TradeRecallReq was not requested for this trade.	See the Error content
unsupported_order_activation	Trader {0} is not allowed to Activate Orders per assigned Delivery Areas {1}	1135	The error is triggered when sending a ModifyAllOrders request with a delivery area specified and ACTIVE modification type (i.e. activating orders per DA is not allowed).	PX Exchange User 8 is not allowed to Activate Orders per assigned Delivery Areas [10YDA-ABC-----1]
delivery_area_cannot_be_activated_because_in_cmm_is_suspended	Delivery area {0} can't be activated because the same area in CMM is suspended now.	1141	See the Error content	Delivery area Demo DA can't be activated because the same area in CMM is suspended now.
either_member_account_trader_id_may_be_supplied	Only use one attribute. Either memberId, account or traderId	2041	See the Error content	See the Error content
order_already_deleted	Order with id {0} is already deleted.	1155	The error is triggered when deleting local and remote orders that are already deleted.	Order with id 2304 is already deleted.
aot_is_not_supported_on_product_cannot_be_enabled_on_order	The order has been rejected. The automatic order transfer is not supported for the product {0}.	1158	The error message is sent when a trader attempts to submit an order with the AOT flag set to true, whilst AOT is not supported. This will occur when the trader is submitting: <ul style="list-style-type: none"> <li>• A block order;</li> <li>• An order for a local product;</li> <li>• An order for a remote product without a linked product.</li> </ul>	See the Error content

## 4.2 General errors

Error key	Error Content	Error Id	Triggering action	Example
access_denied	Access is denied	100	<ul style="list-style-type: none"> <li>• Admin trying to modify orders directly (i.e. not on behalf).</li> <li>• A trader trying to use public AMQP API without sufficient rights.</li> </ul>	See the Error content
application_not_found	Application {0} not found.	101	A user sends the ManageApplicationAccessReq with the missing applicationId	Application DB-TEST not found.
access_denied_bad_disconnect_action	Access is denied: no disconnect action is allowed.	111	The error message is returned when Admin user with public api role sends login message with disconnectAction not equal to "NO".	See the Error content
access_to_member_denied	Access to member {0} denied!	110	A broker user tries to trade on behalf of another user who does not belong to the broker's allowed members group.	Access to member TM021 denied!
on_behalf_actions_not_allowed	On behalf actions not allowed	2000	A trader without On Behalf, admin or broker role tries to trade on behalf.	See the Error content
trader_already_logged_in	TraderAlreadyLoggedInException [traderId={0}, previousLoginTimestamp={1}, {2}]	8000	A user logs into ComTrader with a userid. The same userid is used by another client (e.g. API).	TraderAlreadyLoggedInException [traderId=5142, previousLoginTimestamp=1332165967451, loginInterface]
request_expired	Request expired.	9000	An AMQP message with a set expiration is processed after it has expired.	See the Error content



Error key	Error Content	Error Id	Triggering action	Example
tso_in_halt	Delivery Area {0} is in HALT	13000	A trader is trying to modify orders with a modification type other than ADD, MODIFY or ACTIVATE. In addition, the corresponding delivery area is in halt.	Delivery Area DEMO is in HALT
unknown_system_error	Unknown system error {0}	14000	A generic message when an unknown error is received from SOB (e.g. upon an unsuccessful trade recall attempt).	Unknown system error NullPointerException
data_access_exception	Data access exception occurred.	14001	A generic error wrapper for DataAccessException, SQLException and HibernateException.	See the Error content
public_api_available_only_for_role_user_or_role_trade_broadcast	Public API interface is only available for users with ROLE_USER or ROLE_TRADE_BROADCAST roles and right SYSTEM_ACCESS	2001	A user without any assigned user or trade broadcast role and system access rights is trying to connect to the Public API interface.	See the Error content
invalid_user_id	Invalid userId "{0}".	2003	The length of a user Login ID is not equal to 7 or 8 characters.	Invalid userId "CXDEMO001".
market_area_not_found	Market area {0} not found!	2004	User is trying to delete or update a market area that has already been deleted.	Market area Demo_MA not found!
trade_does_not_exist	Trade does not exist!	2005	A market operator is trying to process a recall or cancel of a tradeid which does not exist.	See the Error content
trader_not_found	Trader {0} not found!	2006	A generic error thrown when a non-existent trader id is provided.	Trader TRD001 not found!
delivery_area_not_found	Delivery area {0} not found!	2008	A product is created with a non-existing delivery area.	Delivery area DA not found!
exchange_not_found	Exchange {0} not found!	2010	The error is sent when a request header contains a non-existent exchange id.	Exchange DEMO not found!
trade_is_concurrently_updated_by_another_user	Trade has been concurrently updated by another user!	2011	Two market operators processing one recall at the same time.	See the Error content
trade_delivery_too_close	Trade delivery too close!	2012	Validated the time before the contract inactivation (only allowed to request recall within first 15 minutes before contract inactivation).	See the Error content
trade_execution_too_long_ago	Trade execution too long ago!	2013	The request recall can only be processed within the first 5 minutes after the trade execution.	See the Error content
order_not_found	Order {0} not found	2014	The error is thrown when a non-existent order is being modified (i.e. through ModifyOrder or ModifyAllOrders)	Order 01-02 not found
unknown_balancing_group	Unknown balancing group.	2015	Triggered by adding an order with an invalid BG EIC.	See the Error content
unknown_target_balancing_group	Unknown target balancing group.	2016	An unknown balancing group is loaded from the database.	See the Error content
unknown_contract	Unknown contract {0}	2018	A trader enters an order with a starting hour which is greater than the ending hour contract (For example "18-17").	Unknown contract: 18-17.
clearing_houses_disabled	The Clearing houses feature is disabled.	2019	A clearing house is specified in the order entry request but the particular exchange does not support the clearing house functionality. The same applies for the clearing info request.	See the Error content
service_in_halt	Service is in HALT	2020	<ul style="list-style-type: none"> <li>An order entry request is sent when the market is in HALT.</li> <li>A trader is trying to modify orders with a modification type other than ADD, MODIFY or ACTIVATE and the market is in halt.</li> </ul>	See the Error content
product_not_found	Product {0} not found in database.	2021	A generic error if an invalid product name is provided (e.g. a non-existent productId is provided in the OrderEntry request).	Product Demo_Product not found in database.
contract_not_found	Contract {0} not found.	2022	A trader uses a contract ID which is not in the system when sending an OrderEntry request.	Contract Power Energy Demo not found.
product_in_halt	Product {0} has been deactivated.	2023	A trader enters an order for the product "Test Product". A market operator logs into the SOB WebGUI as an Admin and deactivates the product "Test Product". Orders for this product are now deactivated. As the trader selects the deactivated order in CT and presses/chooses activate, the error message is shown.	Product Test Product has been deactivated.

Error key	Error Content	Error Id	Triggering action	Example
member_not_found	Member {0} not found.	2024	<ul style="list-style-type: none"> <li>A user sends a CreateExchangeMarketReq request with an incorrect member ID using API.</li> <li>An EMSModifyMbrReq is sent in order to suspend an unknown member.</li> <li>An EMSModifyMbrReq is sent in order to activate an unknown member.</li> </ul>	Member TRM13XXX not found.
balancing_group_not_found	Balancing group {0} not found.	2025	This is used when an order with an invalid Balancing group is entered	Balancing group DEMO_BG not found.
balancing_group_suspended	Balancing group {0} is suspended.	2026	Login as a trader (explicit participant) to the API. Meanwhile, as a reference data admin suspends the BG of choice, the trader tries to send an order request.	Balancing group DEMO_BG is suspended.
member_is_suspended	Member {0} is suspended.	2027	<ul style="list-style-type: none"> <li>An admin user tries to enter an order for a user for a suspended member.</li> <li>A Market Operator or ECC sends an EMSModifyMbrReq in order to suspend an already suspended member.</li> <li>A Market Operator or ECC sends EMSModifyMbrReq in order to suspend an already deleted member.</li> </ul>	Member TM001 is suspended.
member_is_active	Member {0} is active.	2081	An EMSModifyMbrReq is sent in order to activate an already active member.	Member TM001 is active.
member_is_suspended_ecc	The member {0} has been already suspended by ECC.	2082	A Market Operator cannot suspend a member that has already been suspended by ECC.	See the Error content
ems_activate_suspended_member	It is not possible to release the member suspended by Market Operators.	2083	It is not possible for ECC to release a member using an EMSModifyMbrReq which was previously suspended by the Market Operators.	See the Error content
ems_activate_deleted_member	It is not possible to release previously deleted member {0}.	2093	It is not possible to release an already deleted member.	See the Error content
ems_activate_active_member	Member {0} is already active.	2094	It is not possible to release an already active member.	See the Error content
no_orderbook_found_for_contract_and_tso	No OrderBookData found for contract: {0} tso: {1}.	2029	The error message is returned when no OrderBookData was found for a particular contract and delivery area.	No OrderBookData found for contract: 18-19 tso: DA.
could_not_retrieve_authentication_from_security_context	could not retrieve authentication from SecurityContext	2030	See the Error content	See the Error content
missing_property	Please specify missing property {0} of {1}.	2031	A property is missing, for example during the trader creation/modification validation (e.g. role, Login ID or default Delivery Area is not specified for the trader).	Please specify missing property role of trader.
operation_prohibited_for_slave_instance	The operation is prohibited for slave instance.	2032	See the Error content	See the Error content
sob_disconnected	Connection to SOB lost. Manual reconnection is required.	2033	This is received in case LTS does not receive a heartbeat or receives message in an incorrect sequence.	See the Error content
capacity_disconnected	Capacity Service not available. No cross border trading possible.	2034	See the Error content	See the Error content
trading_schedule_not_found	Trading schedule {0} not found.	2035	A user tries to update the trading schedule with an invalid scheduleId	Trading schedule TBXT400_TRADING_SCHEDULE not found.
unfair_price_trade_not_created	Trade was not created because unfair price was detected and volatility interruption phase was triggered.	2036	Create a prearranged trade for a product with Volatility Interruption. Processing triggers the error message.	See the Error content
new_password_has_to_be_different_from_old_one	New password has to be different from the old one.	12617	A trader tries to change the password to the existing one.	See the Error content
new_and_old_passwords_have_to_be_specified	Both new and old passwords must not be empty.	12618	A trader changes the current password but does not fill in the new password.	See the Error content



Error key	Error Content	Error Id	Triggering action	Example
can_not_be_empty	Field {0} can not be empty.	106	The CreateMktAreaReq is created with an empty mktAreald, name or longName.	Field longName can not be empty.
contract_all_phases_end_in_past	All phases end in the past.	2055	The Phase end of the first phase type is set to the past in the Contract Modification tab of the Admin Overview.	See the Error content
contract_cannot_be_activated_legs_not_active	Can not activate contract, both spread legs have to be active	2050	Trying to activate a spread-leg contract but both legs are not ACTIVE.	See the Error content
contract_cannot_be_activated_tso_in_halt	Cannot activate contract if TSO is in HALT.	2049	An admin user sets a delivery area to halt. Then they try to activate the Contract using the Contract Modification tab in WebGui. The error is displayed.	See the Error content
contract_cannot_change_end_time_contract_is_active	Can't change end time of phase {0} for active contract	2057	An admin user changes the Phase end (UTC) of a particular phase so that this phase ends in the past.	Can't change end time of phase before trading for active contract
contract_date_must_be_multiplied_by	Activation and expiry date must by multiplication of {0} minutes.	2065	See the error content. Multiplication coefficient is set to 5.	Activation and expiry date must by multiplication of 5 minutes.
contract_closing_price_date	Date must be after contract activation point and before contract expiry point.	2059	An admin user sets a closing price date to be before a contract activation point or after contract expiry point.	See the Error content
contract_closing_price_exchange	Cannot modify closing price of remote contract.	2060	A closing price of remote contract was modified.	See the Error content
contract_invalid_number_of_contract_phases	Invalid number of contract phases. Found {0} entries. Expected {1} entries.	2051	A contract is being updated with a different number of TSO state phases. Phases may not be added nor removed.	Invalid number of contract phases. Found 5 entries. Expected 2 entries.
contract_invalid_order_of_contract_phases	Invalid order of contract phases. Found phase id {0}. Expected phase id {1}.	2056	A contract is being updated with a different order of phases.	Invalid order of contract phases. Found phase id 5059. Expected phase id 5058.
contract_last_phase_end_time_not_blank	Last phase end time must be blank	2054	An admin user enters a particular date and time to the Phase end of the last CLOSED phase.	See the Error content
contract_phase_end_in_past	Phase {0} ends in the past.	2058	See the Error content	Phase Continuous Trading ends in the past.
contract_phase_end_time_blank	{0} phase end time is blank.	2052	An admin user does not enter any date and time of the first trading phase of a particular contract.	Before trading phase end time is blank.
contract_reference_closing_price_date_not_in_past	Reference price on closing price must be in the past.	2080	See the Error content	See the Error content
contract_reference_price_date	Date must be after contract activation point and before contract expiry point.	2059	See the Error content	See the Error content
contract_reference_price_exchange	Cannot modify closing price of remote contract.	2060	See the Error content	See the Error content

Error key	Error Content	Error Id	Triggering action	Example
contract_trading_period_start_time_after_end_time	Trading period {0} start time is after end time	2053	The start time of a contract trading period is set to be after the end time of the trading period.	Trading period TPDEMO start time is after end time
contract_tso_state_not_found	Delivery area state not found for contract {0} and area code {1}.	2066	The error is returned when a delivery area state is not found for a particular contract.	Delivery area state not found for contract 18-19 and area code {1}.
delivery_area_allowed_only_f_or_deac_or_dele_modtype	Attribute "dlvryAreald" can be supplied only for ordModType values DEAC or DELE.	1148	Attribute "dlvryAreald" is supplied for ordModType values ACTI or MODI	See the Error content
delivery_area_already_in_halt_error	Delivery Area {0} already in status HALT.	1134	The delivery area is set to HALT, but it was already in HALT before.	Delivery Area DEMO_DA already in status HALT.
delivery_area_already_in_trading_error	Delivery Area {0} already in status TRADING.	2048	The delivery area status is set to Trading, but it was already in Trading state.	See the Error content
delivery_area_autosync_cannot_be_enabled_for_local_delivery_area	Delivery area {0} auto-sync can't be enabled because it's not a remote delivery area.	12690	An admin modifies a local delivery area with the enabled auto-sync functionality.	Delivery area DA1 auto-sync can't be enabled because it's not a remote delivery area.
delivery_area_not_assigned_to_user	Trader {0} is not assigned to Delivery Areas {1}	1133	A trader is trying to modify orders for delivery areas that have not been assigned to the trader (e.g. sends a ModifyAllOrders message with DAs that are not assigned to the particular trader).	PX TRD001 is not assigned to Delivery Areas DEMO_DA1, DEMO_DA2
error_io_journal	Journal Failed.	104	An internal error. It can be simulated by running out of disk space for journaling.	See the Error content
hibernation_possible_only_when_mbrid_provided	For security reasons only Hibernation of orders is possible when MemberID is provided. Activation or Deletion is disabled.	10027	See the Error content	See the Error content
illegal_settlement_change_state	Invalid state: tradeld: {0}, rev: {1}, prev state: {2}, next state: {3}.	3027	The settlement state SNDG is used, but the last settlement state is SENT.	Invalid state: tradeld: 1234000, rev: 2, prev state: SENT, next state: SNDG.
illegal_state_no_settlement_for_trade_and_version	No settlement for tradeld: {0} and revision {1}	3028	The error is returned when no settlement state is found for a trade.	No settlement for tradeld: 1234000 and revision 2
inclprearranged_can_only_be_false_for_xbid	Prearranged trades are not available for XBID.	1144	ModifyAllOrders is rejected when inclPreArranged = "true".	See the Error content
member_is_deleted	Member {0} is deleted.	2040	The selected Member Id is deleted when creating or modifying a Balancing Group.	Member TM006 is deleted.
x_notprocessed_due_notchanges	Request not processed. Please change state or trading period.	2039	The error message is returned when the trading period of a contract cannot be changed.	See the Error content
message_to_large	Message size {0} exceeds maximum size {1}	105	<ul style="list-style-type: none"> <li>Triggered by exceeding the maximum message payload size – may be simulated by setting the m7.journal.maxMessageSize property low enough.</li> <li>Can be triggered by sending ModifyUsersReq that contains no modifications (or a similar request).</li> </ul>	Message size 200 exceeds maximum size 100

Error key	Error Content	Error Id	Triggering action	Example
no_modification	No modified property has been provided. Entity cannot be updated.	103	This message is generated by sending an update request that contains no changes to a current state. This can be simulated e.g. via ModifyUsersReq.	See the Error content
unknown_validation_error	Unknown validation error	107	Triggered internally by a RuntimeException other than ComxervException, M7Exception or CMMEException	See the Error content
validation_error	Validation Error	102	A client-visible wrapper for validation exceptions.	See the Error content
value_is_too_long	Value {0} is too long for field {1}.	108	A string length is validated for a particular field when creating new member (e.g. Trading Contact Name 1 is allowed to have only 64 characters).	Value JNMB----- -----1 is too long for field Name.
attribute_can_be_supplied_only_with_other_attributes	Attribute "{0}" can be supplied only with other attribute(s) "{1}".	2075	A ModifyAllOrdrs request attribute delivery area can be supplied with other attributes user ids. Otherwise the error is returned.	Attribute "divryAreald" can be supplied only with other attribute(s) "usrld".
sob_already_connected	Connection to SOB has already been established.	2062	An attempt to connect to the remote SOB when the remote session has already been established. Maybe simulated from Operations Admin GUI – SOB tab.	See the Error content
sob_data_already_synchronized	Remote SOB data already synchronized.	2064	See the Error content	See the Error content
sob_data_synchronization_in_progress	Sob data synchronization is in progress.	2063	There is a rare chance that previous remote SOB synchronisation is still in progress when user tries to re-connect with remote SOB. In such case the error is thrown.	See the Error content
no_sob_session	Operation requires active SOB connection but no connection present.	12669	No remote SOB session is created after receiving a UserRprt. This is a rare case and there are no obvious steps to produce this error.	See the Error content.
only_one_attributes_must_be_supplied	One and only one of these attributes "{0}" must be supplied.	2074	A ModifyAllOrdrs is sent with more attributes (Mbrld, Usrld, Acclid).	One and only one of these attributes "TRD001, TRD002, TRD010" must be supplied.
too_many_requests_exception	Limit is {0} per {1} ms.	14002	The error is returned when the request limit via API is reached.	Limit is 1 per 60000 ms.
product_concurrent_modification	Error: Remote Product has been modified.	2090	The same product is modified in parallel (i.e. on both LTS and SOB instances). Once it is modified by the first admin, the second admin receives the error message upon clicking the modify button.	A remote product is modified in XBID while the "Modify Product" dialogue is also opened in the LTS. When trying to modify an attribute in the LTS after the product has changed in XBID, the error message is displayed.
n/a	Cannot parse [type-header] message (javax.xml.bind.UnmarshalException)	n/a	This is caused by avar value that is too long inside a MsgRprt message that is received by ComTrader (or any other parsing problem resulting in UnmarshalException).	E.g. for MsgRprt: Cannot process MsgRprt message (javax.xml.bind.UnmarshalException).
n/a	Can't create HubToHubResp, please try again later.	50001	A general error in the H2H4U M7 module when requesting Hub-to-Hub capacity information. This error also occurs when M7 is not connected to XBID, or when XBID is down.	See the error content.

Error key	Error Content	Error Id	Triggering action	Example
n/a	Invalid market area.	50002	The Hub-to-Hub capacity information was requested for a market area that is unrecognized by XBID.	See the error content.
n/a	Invalid date.	50003	The Hub-to-Hub capacity information was requested for a date that makes no sense (too much in the past/future)	See the error content.

### 4.3 Trade

Error key	Error Content	Error Id	Triggering action	Example
contract_already_expired	Contract already expired	3000	A user tries to request a trade recall for a contract which is already expired.	See the Error content
trade_is_already_recalled	Trade is already recalled!	3001	A user tries to request for a trade which is already recalled.	See the Error content
trade_can_be_recalled_on_sob_only	Trade can be recalled on SOB only as one part of trade was done through SOB!	3029	A trade recall of a remote trade cannot be done on LTS	See the Error content
trade_is_already_cancelled	Trade is already cancelled!	3002	A market operator tries to cancel a trade which has been already cancelled.	See the Error content
trade_cancel_req_not_possible_local_exchange	Cancel reject is not possible on local exchange.	3003	A user tries to cancel a trade and the exchange is configured as 'localExchange'.	See the Error content
recall_already_rejected	Recall already rejected!	3004	Trader A enters an order which is matched by an order from trader B. Trader B sends a recall request for the executed trade which is rejected by a market operator. Trader B then sends a recall request for the same trade again.	See the Error content
recall_already_granted	Recall already granted!	3005	Trader A enters an order which is matched by an order from trader B. Trader B sends a recall request for the executed trade which is accepted by a market operator. Trader B then sends a recall request for the same trade again.	See the Error content
recall_already_requested	Recall already requested!	3006	Trader A enters an order which is matched by an order from trader B. Trader B sends a recall request for the executed trade which is not processed by a market operator. Trader B then sends a recall request for the same trade again.	See the Error content
recall_not_possible_trade_execution_too_close_to_delivery	Recall not possible: Trade execution too close to delivery!	3007	If the recall request for a within-day contract is after the Latest Recall Request Time before Delivery Start, the error message is sent.	See the Error content
recall_not_possible_insufficient_quantity	Recall not possible: Insufficient turnover quantity!	3008	Triggered when recalling a trade and 'recallTurnoverValueLimit' configuration value is greater than (price quantity / 100000)	See the Error content
recall_not_possible_auction	Recall not possible: Auction trades cannot be cancelled.	3009	The cancellation of a trade generated out of an Auction is not possible by a market operator.	See the Error content
recall_not_possible_legs_different_status	Recall not possible: Legs have different recall status {0}, {1} and {2}.	3010	A recall of a cross product trade or trade decomposition is not possible when at least one sub trade has a different recall status.	Recall not possible: Legs have different recall status [TRADE_CANCELLATION_NEGATIVE_LIMIT, TRADE_CANCELLATION_SUCCESSFUL, TRADE_CANCELLATION_SUCCESSFUL, TRADE_CANCELLATION_SUCCESSFUL, TRADE_CANCELLATION_SUCCESSFUL]
trade_cancellation_not_requested	Trade cancellation has not been requested.	3011	The trade cancellation cannot be rejected because the corresponding trade cancellation was not requested.	See the Error content
cancel_not_possible_legs_different_status	Cancel not possible: Legs have different recall status {0}, {1} and {2}.	3012	The cancellation of a cross product trade or trade decomposition is not possible when at least one sub trade has different recall status.	Cancel not possible: Legs have different recall status [TRADE_CANCELLATION

Error key	Error Content	Error Id	Triggering action	Example
				_NEGATIVE_LIMIT, TRADE_CANCELLATION_ SUCCESSFUL, TRADE_CANCELLATION_ SUCCESSFUL, TRADE_CANCELLATION_ SUCCESSFUL, TRADE_CANCELLATION_ SUCCESSFUL]
trading_time_exceeded	Be aware of trading time is exceeded.	3013	The exception is thrown in case of cancellation failure due to close delivery period.	See the Error content
capacity_recall_not_possible_gate_closure_time	Capacity recall for trade {0} is not possible due to expired gate closure time.	3014	A market operator is able to accept or reject a trade recall request. The recall of the corresponding capacity reservation is only possible during the netting delay time period.	Capacity recall for trade 4049 is not possible due to expired gate closure time.
capacity_recall_for_trade_failed	Capacity recall for trade {0} failed.	3015	See the Error content	See the Error content
capacity_recall_for_trade_failed_because_of	Capacity recall for trade {0} failed because of {1}.	3016	See the Error content	See the Error content
otc_cannot_be_recalled	OTC trades can't be recalled!	3017	A recall cannot be requested for an OTC trade.	See the Error content
trade_cancel_negative_limit	Trade reversal leads to a negative commodity (cash) limit. Do you really want to proceed?	3019	A trade recall or trade cancellation leads to a negative cash or commodity limit and the error message is sent.	See the Error content
cancellation_of_cross_exchange_trade_not_possible	Cancellation of cross-exchange trade is not possible.	3024	An LTS admin tries to cancel a cross exchange trade.	See the Error content
cancellation_of_remote_trade_not_possible	Cancellation of a remote trade is not possible!	3026	SOB does not allow remote trade cancellation; thus, the error message is returned.	See the Error content
cancellation_of_trade_in_state_not_possible	Cancellation of a trade in state {0} is not possible!	3018	It is possible to cancel a trade that is in the state ACTI, RREQ or RREJ, otherwise the error message is returned.	Cancellation of a trade in state RGRA is not possible!
cannot_change_remote_trader_with_the_same	It's not allowed to change the user with the same user.	12686	See the Error content	See the Error content
cancelation_of_cross_exchange_trade_not_possible	Cancellation of cross-exchange trade is not possible.	3024	An LTS admin processes the cancel request operation for a cross exchange trade.	See the Error content
min_over_max_price	Maximum price should be greater than minimum price.	3020	The Maximum Price is smaller than The Minimum Price when configuring the Trading Parameters of a particular product.	See the Error content
pnc_trades_must_be_enabled	PNC trades must be enabled	3021	An OrdEntry with N type (i.e. Private and confidential trade) is sent but Private and confidential trades are not enabled.	See the Error content
two_prearranged_orders_expected	Two pre-arranged orders were expected	3022	A user tries to create a pre-arranged trade via PrearrangedTradeEntry without using exactly two orders.	See the Error content
unable_to_connect_to_sob	Unable to connect to Sob. Please verify specified username and password and check if the user exists in Sob.	12688	The error message is returned when an invalid password is specified.	See the Error content

#### 4.4 User right constraints

Message key	Message Content	Message Id	Triggering action	Example
user_is_suspended	User {0} is suspended!	10000	A suspended user tries to log into the ComTrader.	User CSDBSX10 is suspended!

Message key	Message Content	Message Id	Triggering action	Example
readonly_user_cannot_accept_otc_order	A read only user can't accept OTC order!	10001	A user with only Read Only rights assigned is trying to accept OTC order.	See the Error content
balancing_group_suspended_recall_request	Balancing group suspended. Can't request trade recall.	10002	A trader is trying to recall a trade on behalf of a suspended member.	See the Error content
access_to_account_denied	Access to account denied!	10003	Two orders are entered with their specific order ids (see OrdrExeRprt). The order id of the second order is changed to be the same as the first order id using the intercept message functionality by a market operator.	See the Error content
trader_is_not_allowed_to_trade_the_product_for_the_bg	The trader {0} is not allowed to trade the product {1} on behalf of balancing group {2}	10004	The on-behalf trader (TRD1) has to have the BG assignment of TRD2, otherwise it is not possible to submit an order on behalf of TRD2.	The trader TRD001 is not allowed to trade the product DEMO Product on behalf of balancing group TM001-BG1---X.
user_is_not_active	User {0} is not active.	10006	A non- ACTIVE user tries to perform an action (e.g. removing orders).	User TM014-BG1-----XTRD001 is not active.
user_does_not_have_trader_role	User {0} doesn't have a trader role.	10007	A user with Reporting or Admin role is not allowed to enter orders.	User TM014-BG1-----XTRD001 doesn't have a trader role.
user_has_no_admin_role	User {0} has no ADMIN role.	10008	A non-admin user tries to send a CreateMsgReq.	User TM014-BG1-----XTRD001 has no ADMIN role.
user_has_no_main_role	User {0} has no main role.	10009	A main role (i.e. Admin, Trader or Broker) must be selected from the list of roles.	User TM014-BG1-----XTRD001 has no main role.
access_denied_for_download_user	Access denied for download user {0}.	10010	In intraday, user selects a balancing group and does not have the ROLE_TRADEFILE assigned.	Access denied for download user CXDBSX50.
user_is_deleted	User is deleted	10011	A user was deleted by an admin user. This user is subsequently trying to log in.	See the Error content
user_is_readonly	User is read-only	10012	Triggered e.g. when a user with the ROLE_READ_ONLY assigned sends a ModifyAllOrders request.	See the Error content
user_is_not_authenticated	User is not authenticated.	10013	Triggered when a local trader session expires or is destroyed and user attempts to send a request that requires an active session.	See the Error content
readonly_user_cannot_enter_orders	A read only user can't enter orders	10014	A read only trader cannot enter orders. The admin cannot enter orders on behalf of a read only trader.	See the Error content
readonly_user_cannot_modify_orders	A read only user can't modify orders	10015	A read only trader cannot modify orders. The admin cannot modify orders on behalf of read only trader.	See the Error content
readonly_user_cannot_reject_otc_order	A read only user can't reject OTC order!	10016	A read only trader tries to reject the OTC order.	See the Error content
readonly_user_cannot_request_recall	A read only user can't request a recall!	10017	A read only trader tries to request a trade recall.	See the Error content
readonly_user_cannot_perform_order_request	A read only user can't perform an order request!	10018	A read only trader tries to send an order request.	See the Error content
service_in_halt_modify_order	Service is in HALT, can't modify order	10019	A trader tries to modify an order when the service is set to HALT.	See the Error content

Message key	Message Content	Message Id	Triggering action	Example
service_in_halt_add_order	Service is in HALT, can't add order	10020	A trader tries to add an order when the service is set to HALT.	See the Error content
service_in_halt_activate_order	Service is in HALT, can't activate order	10021	A trader tries to activate a deactivated order when the service is set to HALT.	See the Error content
trader_is_not_allowed_to_trade_for_balancing_group	Trader {0} is not allowed to trade {1} for balancing group {2}	10022	A trader tries to execute a trade for a product which is not assigned to the trader's balancing group.	The trader TM016-BG1----XTRD001 is not allowed to trade the product Intraday_Power for balancing group TM016-BG2----X
trader_is_not_allowed_to_trade_any_product_for_balancing_group	Trader {0} is not allowed to trade any products for balancing group {1}	10023	A trader tries to execute a trade for product which is assigned to a balancing group he does not belong to.	The trader TM016-BG1----XTRD001 is not allowed to trade any products for balancing group TM016-BG2---X
operation_not_supported_for_traders	Operation {0} is not supported for traders.	10024	See the Error content.	See the Error content.
operation_not_supported_for_bg	Operation {0} is not supported for balancing group.	10025	See the Error content.	See the Error content.
operation_not_supported_for_member	Operation {0} is not supported for member.	10026	A user sends A ModifyAllOrders request for a member that tries to set the order state to something else than HIBERNATE or INACTIVE.	Operation ACTIVE is not supported for member.
this_request_type_available_only_for_admins	This request type is only available for admins.	10027	Triggered when a non-admin user sends A ModifyAllOrders request for member that tries to HIBERNATE them.	See the Error content
trader_is_not_allowed_to_modify_orders_of_other_member	Trader is not allowed to modify orders of a different member.	10028	Triggered when a non-admin user tries to modify orders for another member.	See the Error content
trader_is_not_allowed_to_modify_orders_of	Trader is not allowed to modify orders of {0}.	10029	A trader is able to delete only orders entered for a particular BG assigned to him.	Trader is not allowed to modify orders of TM016-BG2----X
balancing_group_not_assigned	BalancingGroup {0} is not assigned.	10030	An on-behalf trader sends a TradeCaptureReq with acctIds/BG ids they have not been assigned.	BalancingGroup DEMO_BG is not assigned.
trader_cannot_request_foreign_limit	Traders can't request foreign limit, current member is {0} requested is {1}.	10031	A user without ROLE_ADMIN or ROLE_CLEARING_USER tries to adjust limit for another member.	Traders can't request foreign limit, current member is 1000 requested is 10000.
user_cannot_modify_own_profile	User {0} is not allowed to modify its own user profile	10032	A user sends a ModifyUsersReq including a user's own traderId.	User CXDEMOX01 is not allowed to modify its own user profile
user_cannot_modify_own_bg	User {0} is not allowed to modify its own balancing group.	10033	The error message is displayed if a balancing is updated which matches the default balancing group/ the admin bg of the current user.	User XTRD001 is not allowed to modify its own balancing group.
balancing_user_can_use_public_api_if_regular_trading_role_is_assigned	A Balancing user can use the Public API only if the right Regular Trading is also assigned	10034	A balancing user is validated. See the Error content.	See the Error content.
trader_is_not_allowed_to_access_product	The trader is not allowed to access the product specified by the productName: {0}	10035	A trader is not allowed to access the product. See the Error content.	The trader is not allowed to access the product specified by the productName: Power_Demo
trader_is_not_allowed_to_access_product_with_da	The trader is not allowed to access product {0} in	10045	The error message is returned when a trader tries to access	The trader is not allowed to access product



Message key	Message Content	Message Id	Triggering action	Example
	combination with delivery areas {1}.		a product that is assigned to A suspended balancing group.	Hourly_Energy in combination with delivery areas DA1, DA2.
broker_on_behalf_of_broker_from_the_same_member	Broker can enter order on behalf of brokers only from the same member.	10036	On Behalf trading is allowed only for brokers from the same member.	See the Error content.
broker_own_trading_not_allowed	Broker can not enter own order, own trading is not allowed.	10037	See the Error content.	See the Error content.
error_getting_orders_for_tso	Can't get orders for chosen Delivery Area	12620	See the Error content.	See the Error content.
trader_is_not_allowed_to_modify_orders_of_other_trader	Trader is not allowed to modify orders of a different trader.	10039	A user cannot modify orders of different trader if it is not operating on behalf.	See the Error content.
user_does_not_have_required_role	User doesn't have required role.	10038	An authenticated user has none of the trading roles available.	See the Error content.
user_has_no_desired_privileges_to_connect_sob	User hasn't assigned sufficient privileges to connect SOB.	12687	See the Error content.	See the Error content.
trader_is_not_allowed_to_access_delivery_area	The trader is not allowed to access delivery area {0}.	10041	A trader tries to access a non-assigned delivery area.	The trader is not allowed to access delivery area Demo DA2.
trader_is_not_allowed_to_logout_other_traders_session	Trader is not allowed to logout other trader's session	10042	A user tries to logout without the force parameter and an active session does not exist.	See the Error content.

## 4.5 Limits

Message key	Message Content	Message Id	Triggering action	Example
order_refused_trading_limit_exceeded	Order refused because trading limit is exceeded	12105	A trader creates an order which exceeds the trader's trading limit.	See the Error content.
order_refused_commodity_limit_exceeded	Open Position exceeds Commodity Limit.	12106	A trader adds a buy order which quantity exceeds the Commodity limit.	See the Error content.
maximum_amount_of_activated_orders	Maximum amount of orders that can be activated in one request is {0}, while provided {0}.	12100	A user tries to activate more orders than the maximum configured number (maxOrdersActivateAmount).	Maximum amount of orders that can be activated in one request is 10, while 20 is provided.
maximum_amount_of_removed_orders	Maximum amount of orders that can be removed in one request is {0}, while provided {0}.	12101	A user tries to delete more orders than the maximum configured count (maxOrdersRemoveAmount).	Maximum amount of orders that can be removed in one request is 10, while 20 is provided.
maximum_amount_of_inactivated_orders	Maximum amount of orders that can be inactivated in one request is {0}, while provided {0}.	12102	A user tries to hibernate more orders than the maximum configured count (maxOrdersHibernateAmount) is.	Maximum amount of orders that can be inactivated in one request is 10, while 20 is provided.
it_is_allowed_to_submit_one_order_request_within_5_minutes	It's only allowed to submit one order request within 5 minutes	12103	A trader sends more order requests within 5 minutes (e.g. order quote request is sent two times within 5 minutes).	See the Error content.
maximum_import_order_amount	Maximum amount of orders to import is {0}	12104	A user imports more orders than is allowed (e.g. more than 100 to the Basket)	Maximum amount of orders to import is 100.
limit_disabled	Limit is disabled.	12207	A user tries to modify the cash limit and the 'limitEnabled' configuration is set to false.	See the Error content.
invalid_interval_enddate_before_startdate	End date ({0}) cannot be before start date ({1}).	12660	A new cash limit is created with its validity end date before start date using API.	End date (2015-02-01-23:00) cannot be before start date (2015-03-01-23:00).



Message key	Message Content	Message Id	Triggering action	Example
decimal_shift_wrong_value	Decimal Shift has to be between {0} and {1}	2061	Triggered by sending a ModifyCashLmtReq with a decimal shift outside of the configured bounds.	Decimal Shift has to be between 0 and 6.
cash_limit_attribute_not_set	Attribute "{0}" is required, if attribute "cashLmtModType" is {1}.	2046	The ModifyCashLmtReq is sent with ADD value of cashLmtModType but the lmtId and revisionNo are empty.	Attribute revisionNo is required, if attribute "cashLmtModType" is ADD.
cash_limit_id_and_rev_not_found	Cash Limit ID {0} with Revision {1} not found.	2043	The lmtId in the ModifyCashLmtReq is found but the revisionNo cannot be found.	Cash Limit ID 66 with Revision 0 not found.
cash_limit_id_not_found	Cash Limit ID {0} not found.	2042	The lmtId in the ModifyCashLmtReq cannot be found.	Cash Limit ID 66 not found.
cash_limit_min_value	Initial limit cannot be below {0}.	2047	The error is sent when an initial limit is below the minimum backend cash limit value.	Initial limit cannot be below 0.
cash_limit_start_date_in_past	Cash Limit start date {0} cannot be in the past.	2044	The ModifyCashLmtReq with the startDate before actual date is sent.	Cash Limit start date 13/05/2016 cannot be in the past.
cash_limit_value_not_set	Required Attribute cashLmt not set.	2045	The ModifyCashLmtReq with empty cashLmt is sent.	See the Error content
cash_limit_incorrect_currency	Cash limit for currency {0} does not exist.	2077	A new cash limit with currency "GBP" is created. The ModifyCashLmtReqType with CashLmtModType MOD and currency "CHF" is sent.	Cash limit for currency CHF does not exist.

## 4.6 Wrong reference

Message key	Message Content	Message Id	Triggering action	Example
contract_not_active	Contract {0} not active	12500	An order is entered for a contract which is not active (e.g. using API).	Contract CT_Demo15 not active
balancing_group_not_active	BalancingGroup {0} is not active.	12501	A trader's balancing group is inactive when attempting to perform an action such as order modification.	BalancingGroup DEMO_BG is not active.
trader_must_have_default_bg	Trader must have default balancing group assigned.	12502	The error is sent when a trader has no balancing group assigned.	See the Error content.
default_bg_must_be_assigned	Default balancing group has to be in the assigned balancing groups list.	12503	See the Error content.	See the Error content.
exist_open_orders_for_bg	There exist open orders for balancing group {0} and product {1}.	12504	Orders exist for a product which is unassigned from a particular balancing group.	There exist open orders for balancing group TM016-BG2----X and product Demo_Energy.
exist_user_assignment_for_bg	There exist user assignments for balancing group.	12505	A market operator deletes a balancing group which is still assigned to a trader.	See the Error content.
exist_bg_assignment_for_member	There exist account assignments for member.	12506	A market operator tries to delete a member with existing active users.	See the Error content.
exist_open_orders_for_bg_and_trader	There exist open orders for balancing group {0} and trader {1}.	12507	Orders exist for a product and balancing group. The corresponding balancing group is subsequently deleted.	There exist open orders for balancing group TM016-BG2----X and trader CXDBSX01.
open_orders_in_bg_and_tso	There exist open orders for balancing group {0} and Delivery Area {1}	12508	Orders exist for a balancing group and delivery area. The	There exist open orders for balancing group TM016-BG2----X and Delivery Area DE.

Message key	Message Content	Message Id	Triggering action	Example
			corresponding delivery area is subsequently unassigned.	
market_area_cannot_be_deleted_has_delivery_areas_assigned	Market Area {0} can't be deleted, because it still has Delivery Areas assigned	12509	A market operator tries to delete a market area with assigned delivery areas.	Market Area Demo_MA can't be deleted, because it still has Delivery Areas assigned
delivery_area_cannot_be_deleted_has_bg_assigned	Delivery Area {0} can't be deleted, because it still has BalancingGroups assigned	12510	A market operator tries to delete a delivery area with still assigned balancing groups.	Delivery Area DA can't be deleted, because it still has BalancingGroups assigned
delivery_area_cannot_be_deleted_has_products_assigned	Delivery Area {0} can't be deleted, because it still has Products assigned	12511	A market operator tries to delete a delivery area with still assigned products.	Delivery Area DA can't be deleted, because it still has Products assigned
delivery_area_cannot_be_deleted_has_orders_assigned	Delivery Area {0} can't be deleted, because it still has Orders assigned	12512	A market operator tries to delete a delivery area with still existing orders.	Delivery Area DA can't be deleted, because it still has Orders assigned
delivery_area_cannot_be_deleted_has_interconnectors_assigned	Delivery Area {0} can't be deleted, because it still has InterConnector assigned	12513	See the Error content.	See the Error content.
assign_member_to_bg	Please, assign some member to the balancing group.	12514	A balancing group is created without specifying Member Id (e.g. MbrId = "")	See the Error content.
user_should_have_one_bg	User should have at least one balancing group assigned.	12515	The error is sent when a user doesn't have any balancing group assigned.	See the Error content.
bg_doesnt_belong_member	Balancing group {0} does not belong to member {1}.	12516	A user modification is being made using ModifyUsersReq where the trader has a balancing group assigned which does not belong to its member.	Balancing group DEMO_BG does not belong to member TM001.
illegal_tso_token	Illegal Delivery Area token: "{0}"	12517	See the Error content.	See the Error content.
missing_tso_id	Delivery Area is missing	12518	An order entry or modification request is sent with a missing TSO id.	See the Error content.
bg_is_not_assigned_to_tso	Balancing group {0} is not assigned to Delivery Area {1}	12519	The error is sent when a user's Balancing group is not assigned to a delivery area (e.g. when creating an order).	Balancing group DEMO_BG is not assigned to Delivery Area DEMO_DA
tso_is_not_assigned_to_selected_products	Delivery Area {0} is not assigned to any of selected products	12521	See the Error content.	Delivery Area DEMO_DA is not assigned to any of selected products
no_tsos_are_assigned_to_product	No Delivery Areas are assigned to product {0}	12522	The validation error is sent when no delivery area is assigned to the created product.	No Delivery Areas are assigned to product Demo Energy
default_tso_is_not_assigned_to_default_bg	Default Delivery Area {0} is not assigned to default BG {1}	12524	The validation error in user creation or modification process when a Default Delivery Area is not assigned to Default Balancing Group.	Default Delivery Area DEMO_DA is not assigned to default BG DEMO_BG
bg_doesnt_have_cross_leg_assigned	User or Balancing group has to have leg product {0} assigned, because cross-product spread {1} is assigned as well	12525	A Balancing Group is being created or modified, a check is performed to verify that all product legs of its spread-leg-products are also assigned to the Balancing Group.	User or Balancing group has to have leg product DEMO_PROD_1 assigned, because cross-product spread DEMO_CROSS is assigned as well
login_details_are_not_set	Login Details are not set	12526	See the Error content.	See the Error content.
login_detail_interface_type_not_set	Login Detail Interface Type is not set	12527	See the Error content.	See the Error content.
market_area_already_exists	Market area {0} already exists.	12528	A market operator creates a new market area with an already existing EIC Code, Short Name or Long name.	Market area 10YDE-DEMO--X already exists.

Message key	Message Content	Message Id	Triggering action	Example
delivery_area_already_exists	Delivery area {0} already exists.	12529	A market operator creates a new delivery area with an already existing EIC Code, Short Name or Long name.	Delivery area 10YDE-DEMO---N already exists.
delivery_area_already_exists_deleted	Delivery area {0} has been created before and is now deleted. It can not be created again.	12705	A market operator creates a new delivery area with EIC Code that has been previously deleted.	Delivery area 10YDE-DEMO---N has been created before and is now deleted. It can not be created again.
delivery_area_delete_is_assigned_to_product	Delivery area {0} is assigned to product. It can not be deleted. List of assigned product: {1}.	12706	A market operator tries to delete a delivery area that has still assigned products.	Delivery area 10YDE-DEMO---N is assigned to product. It can not be deleted. List of assigned product: Hourly_Demo, Quarterly_Demo.
delivery_area_delete_is_assigned_to_balancing_group	Delivery area {0} is assigned to balancing group. It can not be deleted. List of balancing group: {1}.	12707	A market operator tries to delete a delivery area that is still assigned to balancing groups.	Delivery area 10YDE-DEMO---N is assigned to product. It can not be deleted. List of balancing group: BG1, BG2
balancing_group_eic_is_not_unique_in_first_16_char	BalancingGroup EIC {0} is not unique in first 16 characters.	12708	See the Error content.	See the Error content.
modifying_remote_product_while_disconnected	Can not modify remote product while not connected to remote SOB.	12709	See the Error content.	See the Error content.
balancing_group_cross_product_spreads_required	The cross product spreads [{0}] must be assigned too.	12710	See the Error content.	See the Error content.
invalid_bespoke_contract_name	Bespoke contract name {0} has to be shorter than 128 characters and can contain only following characters a-zA-Z0-9_+.	12711	See the Error content.	See the Error content.
uddp_product_can_have_only_dlv_area_from_base_product	UDDP product can only have delivery area assigned to his base product. Delivery area can not be assigned {0}.	12712	See the Error content.	See the Error content.
remote_product_can_not_have_local_schedule_with_same_phase	Remote product schedule for a delivery area can be overridden only by a local schedule without Same delivery area trading phase.	12713	See the Error content.	See the Error content.
password_change_constraint_violation	Password violates given constraints.	12714	See the Error content.	See the Error content.
activation_not_possible_for_linked_product_without_master	Product activation is not possible, the product {0} is linked and does not have master product.	12715	See the Error content.	See the Error content.
not_possible_to_delete_active_linked_product	It is not possible to unlink active linked product - {0}	12716	See the Error content.	See the Error content.
member_already_exists	Member {0} already exists.	12530	A market operator creates a new Member with an already existing Member Id or Member Name.	Member TM001 already exists.
bg_already_exists	Account {0} already exists.	12531	A market operator creates a new Member with an already existing Balancing Group or Name.	Account TM010-BG2-----X already exists.
user_has_more_main_roles	User {0} can only have one main role {1}.	12532	The error is sent when a user has more than one main role (i.e. Admin, Trader or Broker) using CreateUsersReq.	User CXDBSX01 can only have one main role Trader.
user_has_invalid_sub_roles	User {0} can only have following sub roles {2} if main role {1} was defined.	12533	The error is sent when a user has assigned a subrole which doesn't correspond to his main role using a CreateUsersReq.	User CXDBSX01 can only have following sub roles - Admin, Sales, Reporting, Settlement, Clearing if main role Admin was defined.

Message key	Message Content	Message Id	Triggering action	Example
recall_requested_by_unknown_party	Recall requested by unknown party.	12534	A broker user logs in on behalf of an already deleted user. If the broker requests a trade recall the error message is shown.	See the Error content.
given_trader_id_is_null_or_does_not_match_current_trader_id	Given trader id is null or does not match current trader id	12535	The error is sent when a non-admin user working on behalf uses panic buttons.	See the Error content.
activation_not_possible_for_active_product	Product activation is not possible, the product {0} is already active.	12536	An admin user tries to activate an already active product using an ActvProdPrivateReq.	Product activation is not possible, the product Demo Power is already active.
deactivation_not_possible_product_not_active	Product deactivation is not possible, the product {0} is not active.	12537	An admin user tries to deactivate an already hibernated product using. ActvProdPrivateReq.	Product deactivation is not possible, the product Demo Power is not active.
active_product_not_modifiable	Active product cannot be modified.	12538	An admin user tries to modify an active product using a ModifyProdPrivateReq.	See the Error content.
invalid_contract_times	Invalid contract times.	12539	A trader enters a UDB order for an invalid contract times (e.g. 19-18)	See the Error content.
contract_not_active_for_tso	Contract {0} not active for Delivery Area: {1}	12540	An order is entered for a contract which is not active for a particular delivery area. (e.g. using API)	Contract CT_Demo15 not active for Delivery Area:DE
invalid_clearing_houses	Invalid clearing house(s).	12541	An invalid clearing house is used when creating a clearing account. In addition, clearing houses and accounts are validated on the local exchange when entering an order.	See the Error content.
clearing_house_exists	Clearing house {0} already exists.	12542	An admin user creates a new Clearing House with an already existing code.	Clearing house CH01 already exists.
clearing_account_exists	Clearing account {0} already exists.	12543	An admin user creates a new Clearing Account with an already existing name.	Clearing house CH01_CA01 already exists.
clearing_account_not_assigned	Clearing account {0} is not assigned to {1}.	12544	A trader creates an order with a selected Clearing account which is not assigned to the corresponding delivery area.	Clearing account CH01_CA01 is not assigned to DA1.
clearing_account_not_found	Clearing account {0} not found for {1}.	12545	A CreateUsersReq is sent with non-existing clearing Account ID.	Clearing account CH_CA1 not found for BG_Demo.
inactive_clearing_account	Clearing account {0} is not active.	12546	A trader creates an order with an inactive Clearing account (e.g. using API).	Clearing Account CH01_CA01 is not active.
contract_expiration_time_is_null_for_contract	ContractExpirationTime is null for contract: {0} tso: {1}.	12547	An order is entered for a contract for which the expiry time is missing.	ContractExpirationTime is null for contract: 14Q1 tso: DA_DE.
contract_or_delivery_area_not_active	Contract or Delivery Area not active!	12551	An order is being modified for a contract or delivery area which is not active.	See the Error content.
member_id_missing	Member ID missing.	12552	A CreateMbrsReq is sent without a Member ID.	See the Error content.
balancing_group_code_missing	Balancing group code missing.	12553	The receiving balancing group (account) of the OTC order is missing.	See the Error content.
balancing_group_not_assigned_to_product	BalancingGroup {0} is not assigned to product {1}.	12554	The error is sent when an order is created for a product which is not assigned to the	BalancingGroup TM016-BG2 is not assigned to product Power_Demo.

Message key	Message Content	Message Id	Triggering action	Example
			corresponding Balancing group.	
tso_not_assigned_to_product	Delivery Area {0} is not assigned to product {1}.	12555	A trader creates an order for a product which is not assigned to his delivery areas.	Delivery Area DA1 is not assigned to product Power_Demo.
wrong_min_max_quantity	Wrong min max quantity {0} {1}	12556	See the Error content.	See the Error content.
orderbook_not_available_for_contract	Orderbook is not available for contract {0}.	12557	Product is corrupted and does not have its orderbook.	Orderbook is not available for contract 17-18.
block_orderbook_not_available_for_product	BlockOrderbook is not available for product {0}.	12558	A product is corrupted and does not have its block orderbook.	BlockOrderbook is not available for product Power_DEmo.
invalid_market_area_id	marketAreald: {0} is invalid.	12559	A DlvryAreaInfoRprt is sent with AN invalid mktAreald.	
user_assignment_does_not_exist_for_member	Unable to find user assignment {0}X{1} for member {2}.	12560	See the Error content.	See the Error content.
invalid_assignment_local_clearing_remote_product	Invalid assignment, local clearing house {0} cannot be assigned to remote product {1}.	12561	A remote product is assigned to a local clearing house.	See the Error content.
invalid_assignment_broker_own_bg_without_own_trading	Own account {0} may not be assigned to trader {1} without ROLE_OWN_TRADING.	12562	A broker without Own Trading Rights is not able to assign broker's Balancing Group - assigned to his member Group.	Own account TM020-BG1-----X may not be assigned to trader BROK33 without ROLE_OWN_TRADING.
cannot_find_capacity_border_for	Can't find capacity border for {0} {1}	12563	See the Error content.	See the Error content.
unable_to_update_border_market_area_does_not_exist	Unable to create/update border {0}-{1}, provided market area {2} does not exist.	12564	See the Error content.	See the Error content.
unable_to_update_delivery_area_parent_delivery_area_does_not_exist	Unable to create/update virtual delivery area {0}, provided parent delivery area {1} does not exist.	12565	See the Error content.	See the Error content.
unable_to_update_delivery_area_parent_market_area_does_not_exist	Unable to create/update delivery area {0}, provided parent market area {1} does not exist.	12566	An admin user creates a delivery area for a market area which doesn't exist (e.g. using CreateDlvryAreaReq).	Unable to create/update delivery area DA_DEMO, provided parent market area 10YAT-DEMO-----X does not exist.
unable_to_update_interconnector_delivery_area_does_not_exist	Unable to create/update interconnector {0}-{1}, provided delivery area {2} does not exist.	12567	See the Error content.	See the Error content.
unable_to_update_interconnector_border_does_not_exist	Unable to create interconnector {0}-{1}, border {2}-{3} does not exist.	12568	See the Error content.	See the Error content.
dispute_2_different_exchanges	There should be 2 different exchanges in the dispute.	12569	An Exchange dispute is created for exchanges with the same name.	See the Error content.
dispute_2_different_delivery_areas	There should be 2 different delivery areas in the dispute.	12570	An Exchange dispute is created for delivery areas with the same name.	See the Error content.
racf_already_assigned	Login ID {0} is already assigned to another user, {1}	12571	An admin user tries to create a new user with an already existing Login ID. The validation error is sent.	Login ID CXDBSA27 is already assigned to another user, TM001-BG1-----XTRD005
cannot_modify_deleted_user	Can't modify deleted user {0}.	12572	The ModifyUsersReq is sent with the usrId of an already deleted trader.	Can't modify deleted user CXDBSX01.
more_racf_assigned_to_user	More than 1 Login ID is assigned to user {0}, please check Logins {1} {2}.	12573	See the Error content.	See the Error content.

Message key	Message Content	Message Id	Triggering action	Example
user_code_already_exists_for_member	Can't create user for member {0} with user code {1} as it's already used by {2}.	12574	The CreateUsersReq is sent with an already existing usrCode for a particular mbrld.	Can't create user for member TM001 with user code TRD001 as it's already used by CXDBSX01.
user_code_must_not_be_changed	User code {0} of trader {1} must not be changed to {2}.	12575	The error is triggered when trying to change the existing usrCode.	User code TRD002 of trader CXDBSX01 must not be changed to TRD001.
cannot_assign_readonly_role_user_hasopen_orders	Cannot assign read-only right, the user {0} has open orders.	12576	A trader creates an order. An Admin user subsequently changes the user's additional rights to contain also Read Only. The validation error is sent.	Cannot assign read-only right, the user TM004-BG2-----XTRD002 has open orders.
cannot_create_admin_for_non_admin_member	Cannot create admin {0} for non-admin member {0}.	12578	The CreateUsersReq is sent with a non-admin mbrld and UsrRole Sales.	Cannot create admin SALES for non-admin member TM001.
cannot_create_non_admin_for_admin_member	Cannot create non-admin {0} for admin member {0}.	12579	The CreateUsersReq is sent with admin mbrld and UsrRole Trading.	Cannot create admin TRADING for non-admin member ADMIN.
concurrent_update	Concurrent access for id {0}: current rev. is {1} but supplied rev. was {2}.	12580	A generic error - A user is trying to update an entity (e.g. Order) that has been updated by someone else in the meantime.	Concurrent access for id 44: current rev. is 1 but supplied rev. was 2.
local_schedule_must_fit_into_remote_schedule	The local schedule {0} must fit into the remote schedule, product {1}, delivery area {2}	12581	SOB trading schedules are sent to LTS. The LTS trading schedule has to fit into the SOB Trading Schedule, otherwise the error message is sent.	The local schedule DemoScheduleA must fit into the remote schedule, product Demo_Product, delivery area DA_DE
cannot_assign_broker_member	Broker member {0} can't be assigned to other broker member.	12582	The CreateUsersReq is sent with another broker AssgAcctId and UsrRole Broker.	Broker member TM019 – TRD004 can't be assigned to other broker member.
cannot_assign_member_to_non_broker_bg	Balancing group {0} is not a broker, can not assigned any members.	12583	The CreateAcctsReq is sent with assigned BGs for a broker in assignedAcctIds, but the created balancing group is not a broker (e.g. mbrld is not a broker).	Balancing group TM005-BG1-----X is not a broker, can not assigned any members.
member_is_assigned_to_broker_cannot_be_broker	Member cannot be broker as some of his balancing groups are assigned to the balancing group(s) {0} of another broker member.	12584	A member with Member Type REGULAR is changed to BROKER, but this member is actually assigned to another broker member.	Member cannot be broker as some of his balancing groups are assigned to the balancing group(s) [TM021-BG1-----X, TM022-BG1-----X] of another broker member.
member_has_assignments_cannot_be_regular	Some balancing groups of member have assigned members, member can not be changed to regular.	12585	The Member Type of a broker member with assigned BGs is changed to REGULAR.	See the Error content.
member_has_broker_traders_cannot_be_regular	Member has broker traders, can not be changed to regular.	12586	The Member Type of a broker member with no assigned BGs but with assigned broker traders is changed to REGULAR.	See the Error content.
trader_cannot_be_broker_if_member_is_regular	Trader {0} cannot be broker if member is not broker.	12587	The CreateUsersReq is sent for Broker UsrRole with a non-broker member mbrld.	Trader TRD004 cannot be broker if member is not broker.
trader_must_be_broker_if_member_is_broker	Trader {0} must be broker if member is broker.	12588	The CreateUsersReq is sent not for Broker UsrRole with a non-broker member mbrld.	Trader TRD004 must be broker if member is broker.
trading_schedule_name_must_be_unique	Trading schedule {0} already exists for exchange {1}.	12589	The error is sent when a combination of exchange/trading schedule name is not unique.	Trading schedule TradingScheduleA already exists for exchange DEMO.



Message key	Message Content	Message Id	Triggering action	Example
invalid_bespoke_contract_request	Invalid BespokeContractReq, validate if it is option, then strikePrice and CallPut has to be filled and only 1 underlying contract can be defined.	12590	The BespokeContractReq is created with more than one underlying contract in the contractId.	See the Error content.
invalid_bespoke_product_for_contract_request	Bespoke Contract {0} can not be created for product {1} because product is not bespoke.	12591	A BespokeContractReq is created with underlying contracts in a contractId which doesn't belong to a bespoke contract.	Bespoke Contract Bespoke_Contract_01 can not be created for product Demo_Product. because product is not bespoke.
invalid_member_of_product_for_bespoke_contract_req	Bespoke Contract {0} can not be created, product {1} belongs to other member.	12592	A BespokeContractReq is created with underlying contracts in contractId which doesn't belong to the member who is creating the bespoke contract	Bespoke Contract Bespoke_Contract_01 can not be created, product Demo_Product belongs to other member.
bespoke_contract_already_exists	Bespoke Contract {0} for product {1} with given delivery periods or name already exists.	12593	The BespokeContractReq is created with already existing name.	Bespoke Contract Bespoke_Contract_01 for product Demo_Product with given delivery periods or name already exists.
bespoke_contract_cannot_be_underlying_contract	Bespoke contract {1} can not be used as underlying contract for bespoke contract.	12594	The BespokeContractReq is created with an underlying bespoke contract for the contractId.	Bespoke contract Bespoke_Contract_01 can not be used as underlying contract for bespoke contract.
only_active_contract_can_be_underlying_contract	Only active contracts can be used as underlying contracts.	12595	The BespokeContractReq is created with an inactive underlying contract for the contractId.	See the Error content.
bespoke_contract_supports_only_single_underlying_product	Underlying contracts have to be from the same product.	12596	The BespokeContractReq is created with underlying contracts for a contractId which does not belong to the same product.	See the Error content.
remote_product_default_schedule_cannot_be_overridden	Remote product default schedule cannot be overridden locally.	12701	The error is returned when a remote product default schedule is being changed to another remote schedule.	See the Error content.
remote_product_delivery_area_schedule_can_be_overridden_by_local_schedule_only	Remote product schedule for a delivery area can be overridden only by a local schedule.	12702	The error is returned when a remote product delivery area schedule is being changed to original remote schedule.	See the Error content.
local_product_can_have_only_local_schedule	Only local trading schedule can be assigned to the local product {0}.	12703	The error is returned when a local product delivery area schedule is being changed to remote schedule.	See the Error content.
cross_product_delivery_area_not_assigned_to_legs	Delivery area {0} assigned to cross product spread {1} must also be assigned to legs {2} and {3}.	12704	The error is returned when the legs of a cross product spread are not assigned to the same delivery area.	Delivery area DEMO_DA assigned to cross product spread DEMO_SPREAD_PRODUCT must also be assigned to legs DEMO_LEG1 and DEMO_LEG2.
clearing_account_activation_not_possible_inactive_clearing_house	ClearingAccount can not be activated because ClearingHouse {0} is not active.	12597	A clearing account is activated but the corresponding clearing house is inactive.	ClearingAccount can not be activated because ClearingHouse CH01 is not active.
clearing_account_deactivation_error_failed_orders	Clearing Account {0} was not deactivated, error occurred when modifying orders {1}.	12598	See the Error content.	See the Error content.

Message key	Message Content	Message Id	Triggering action	Example
concurrent_product_access	Product has been modified by another process. Please reload!	12599	The error is sent when a local schedule is assigned to a global (remote) product.	See the Error content.
open_orders_for_product_ca	There exist open orders for clearing account {0} and product {1}	12600	The error is shown when a clearing account is being deactivated but an order is currently assigned to this clearing account.	There exist open orders for clearing account CH01_CA03 and product Power Demo
bg_member_cannot_be_changed	The member of a balancing group cannot be changed.	12601	See the Error content.	See the Error content.
data_vendor_must_have_only_one_bg	Data Vendor can have only one Balancing group.	12602	A trader who has the user role Data Vendor and also has two Balancing Groups assigned is created.	Data Vendor can have only one Balancing group.
data_vendor_only_among_others_dv	Data Vendor is not allowed among normal traders in Balancing group.	12603	A trader who has the user role Data Vendor assigned has balancing groups in which some traders are assigned is created. Thus, in order to set the Data Vendor, a BG which is assigned only to this user needs to be created.	See the Error content.
no_clearing_account_assignments	At least one clearing account must be assigned for account {0}.	12616	A balancing group is created with no clearing accounts assigned.	At least one clearing account must be assigned for account TM007-BG2----X.
tso_can_not_loaded	Can't load Delivery Area	12619	The error is used only in the intraday frontend when a TSO could not be loaded.	See the Error content.
block_contract_delivery_has_to_match_base_delivery	Delivery of the block contract has to match delivery of the base contracts.	2037	A User Defined Delivery Period product is created with a delivery period which doesn't match the delivery of its base contracts.	See the Error content.
member_is_no_broker_nor_regular	Only broker and regular members can be suspended using this request. Member {0} is of type {1}	2038	A SuspendMbrReq is created for members in mbrld which are not members of the type regular or a broker.	Only broker and regular members can be suspended using this request. Member ADMIN is of type ADMIN
balancing_group_not_editable	Balancing group {0} is not editable.	12563	The ModifyAcctsReq is created for a balancing group which is not editable.	Balancing group TM021-BG1----X is not editable.
cannot_activate_contract_underlying_contract_inactive	Can not activate contract because underlying contract {0} is inactive.	12664	See the Error content.	See the Error content.
cannot_activate_product_base_is_inactive	Can not activate product, base product is not active.	12663	An Admin tries to activate a User Defined Delivery Period product for which the base product is inactive.	See the Error content.
holiday_not_found	Holiday with id {0} not found.	12683	The error is returned when a holiday is being deleted, but it had been previously deleted by another admin user.	Holiday with id 12345 not found.
cannot_delete_holiday_when_trading_calendar_disabled	Trading calendar is disabled in configuration, unable to delete holiday.	12684	See the Error content.	See the Error content.
cannot_create_holiday_already_existing	Cannot create already existing holiday - {0} with date {1}.	12678	See the Error content.	Cannot create already existing holiday – Holiday_1 with date 2015-03-01.
cannot_create_holiday_when_trading_calendar_disabled	Trading calendar is disabled in configuration, unable to create holiday.	12682	The error is returned when a trading calendar configuration is disabled, and the holiday is to be created.	See the Error content.
cannot_create_holiday_with_date_not_in_specified_year	Cannot create holiday with date {0} not in specified year {1}.	12681	See the Error content.	Cannot create holiday with date 2015-03-01 not in specified year 2016.



Message key	Message Content	Message Id	Triggering action	Example
cannot_create_holiday_without_market_area	Cannot create holiday without Market Area specified.	12680	See the Error content.	See the Error content.
cannot_create_holiday_without_name	Cannot create holiday without name specified.	12679	See the Error content.	See the Error content.
cannot_activate_product_base_is_not_base	Cannot activate product {0}, base reference product {1} is not set to be base product.		See the Error content.	See the Error content.
cannot_create_another_reporting_user_for_member	Cannot create another Reporting user for same member.	12613	An admin tries to create another reporting user for an ADMIN member.	See the Error content.
clearing_account_name_cannot_be_empty	Clearing account name can't be empty.	12629	A CreateClgAcctReq with an empty name argument is sent.	See the Error content.
clearing_account_name_exceeds_length	Clearing account name {0} exceeds length.	12630	A CreateClgAcctReq is sent with the name argument exceeding 64 characters.	Clearing account name ClearingAccount1...111 exceeds length.
clearing_accounts_disabled	The Clearing accounts feature is disabled.	12631	A message is sent when creating or modifying a clearing account with a configuration 'clearingAccountsEnabled' set to false.	See the Error content.
clearing_house_code_cannot_be_empty	Clearing house code can't be empty.	12625	A CreateClgAcctReq with an empty clgHseCode argument is sent.	See the Error content.
clearing_house_code_exceeds_length	Clearing house code {0} exceeds length.	12624	A Clearing house is created with a code exceeding 5 characters using a CreateClgHseReq.	Clearing house code CH_DEMO_1 exceeds length.
clearing_house_deactivation_error_failed_orders	Clearing House {0} was not deactivated, error occurred when modifying order(s) with id(s) {1}.	12658	The error is sent when a clearing house cannot be removed from all orders.	Clearing House CH01 was not deactivated, error occurred when modifying order(s) with id(s) 123.
clearing_house_name_cannot_be_empty	Clearing house name can't be empty.	12627	A Clearing house is created with an empty name.	See the Error content.
clearing_house_name_exceeds_length	Clearing house name {0} exceeds length.	12626	A Clearing house is created with an empty name exceeding 32 characters via API.	Clearing house name DemoClearingHouse1...111 exceeds length.
clearing_house_not_found	Clearing house {0} not found.	12628	A CreateClgAcctReq or ModifyClgAcctReq with a clgHseCode which does not exist is sent.	Clearing house CH_01 not found.
delivery_area_delete_delivery_areas_assigned	Delivery Area {0} can't be deleted because it still has other areas assigned.	12607	The error is sent when at least one child delivery area is still assigned to the delivery area which is being deleted.	Delivery Area Demo_DA can't be deleted because it still has other areas assigned.
delivery_area_delete_not_halt	Delivery Area {0} can't be deleted because it's still active.	12700	See the Error content.	Delivery Area DEMO_DA can't be deleted because it's still active.
delivery_area_long_name_too_long	Delivery area long name can't be longer than {0}.	12609	A new delivery area with a long name exceeding the allowed number of characters (i.e. 64) is created using a CreateDlvryAreaReq.	Delivery area long name can't be longer than 64.
delivery_area_missing_eic_code	Delivery area EIC code must not be blank.	12604	A CreateDlvryAreaReq or ModifyDlvryAreaReq with no EIC Code is sent.	See the Error content.
delivery_area_missing_long_name	Delivery area long name must not be blank.	12606	A CreateDlvryAreaReq or ModifyDlvryAreaReq with no long name is sent.	See the Error content.
delivery_area_missing_short_name	Delivery area short name must not be blank.	12605	A CreateDlvryAreaReq or ModifyDlvryAreaReq with no short name is sent.	See the Error content.

Message key	Message Content	Message Id	Triggering action	Example
delivery_area_short_name_too_long	Delivery area short name can't be longer than {0}.	12608	A CreateDlvryAreaReq or ModifyDlvryAreaReq with a short name exceeding 8 characters is sent.	Delivery area short name can't be longer than 8.
delivery_area_state_cannot_be_modified_with_autosync_enabled	Delivery area {0} local state can't be changed because it's set to auto-sync with remote state.	12691	An admin user modifies a delivery area state to SUSP but without also modifying the autoSync functionality to FALSE.	Delivery area DEMO_DA local state can't be changed because it's set to auto-sync with remote state.
either_both_or_none_cross_legs_must_be_present	Either both or none cross legs must be present	12633	A Cross Product Spread type of a product is created by specifying only one product leg using a CreateProdPrivateReq.	See the Error content.
exchange_user_cannot_login_into_comtrader	Exchange user {0} is not allowed to log in into ComTrader. Only Admin user can log in.	<i>not defined</i>	See the Error content.	XBid Exchange user M7EX001 is not allowed to log in into ComTrader. Only Admin user can log in.
exchange_disputes_disabled	Exchange disputes feature is disabled.	12634	The error is received when trying to create a market dispute and the 'exchangeDisputesEnabled' is set to false. This can be done via a CreateExchangeMarketDisputeReq.	See the Error content.
exchange_market_cant_change_member_id	Member id can't be changed.	12641	A Member is assigned to the Power Exchange Market. This Member must be manually unassigned before being modified.	See the Error content.
exchange_market_contains_dispute	Exchange market contains dispute, it can't be deleted.	12646	A Power Market Exchange is being deleted but it is a part of existing dispute.	See the Error content.
exchange_market_deleted	Exchange market is already deleted.	12645	The error is sent when an already deleted Exchange Market is being deleted.	See the Error content.
exchange_market_dispute_exists	Exchange market dispute exist.	12648	The error is sent when creating a dispute which already exists between the same Power Exchange Markets.	See the Error content.
exchange_market_dispute_invalid	Exchange market dispute is invalid.	12647	The error is sent when creating a dispute for Power Exchange Market Id does not exist or is not valid.	See the Error content.
exchange_market_dispute_does_not_exist	Exchange market dispute does not exist.	12649	The error is sent when deleting a non-existing Exchange Dispute.	See the Error content.
exchange_market_exists	Given exchange market already exists.	12643	The error is sent when modifying the name of the Exchange Market to an existing name.	See the Error content.
exchange_market_long_name_exceeds_length	Exchange market long name "{0}" is exceeding length.	12638	The error is sent when the long name of the Exchange Market exceeds 32 characters.	Exchange market long name "Too Long Demo Exchange Power Market name" is exceeding length.
exchange_market_long_name_invalid	Exchange market long name is invalid.	12637	The error is sent when the long name of the Exchange Market is empty.	See the Error content.
exchange_market_missing_id	Exchange market has not set id.	12642	A ModifyExchangeMarketReq with missing exchangeId is sent.	See the Error content.
exchange_market_missing_member	Missing member inside exchange market.	12639	The error is sent when the Assigned Exchange Member is empty when creating or	See the Error content.

Message key	Message Content	Message Id	Triggering action	Example
			modifying the Exchange Market.	
exchange_market_missing_member_id	Member has not set id inside exchange market.	12640	The error is sent when the Assigned Exchange Member has no Member Id when creating or modifying the Exchange Market.	See the Error content.
exchange_market_not_exists	Exchange market with id {0} doesn't exist.	12644	The error is sent when the first or second Exchange Market does not exist when creating Market Exchange Dispute.	Exchange market with id 123 doesn't exist.
exchange_market_short_name_exceeds_length	Exchange market short name "{0}" is exceeding length.	12636	The error is sent when the short name of the Exchange Market exceeds 6 characters.	Exchange market short name "Demo Power Market Exchange" is exceeding length.
exchange_market_short_name_invalid	Exchange market short name is invalid.	12635	The error is sent when the short name of the Exchange Market is empty.	See the Error content.
linked_product_allowed_product_type	Linked product type must be COMMODITY.	12695	The error message is returned when a CreateProdPrivateReq is used in order to create a linked product of an unsupported type (Futures, UDD).	See the Error content.
linked_product_assign_invalid_trading_schedule	Trading schedule {0} can not be assigned to Linked product {1}. Trading schedule can only contains CLOSED and CONTINUOUS_TRADING phase.	12697	The error message is returned when trying to create a linked product with an unsupported trading schedule (only trading schedules with phases CLSD and CONT are supported).	Trading schedule DEMO_TRADING_SCHEDULE can not be assigned to Linked product Intraday Power D. Trading schedule can only contains CLOSED and CONTINUOUS_TRADING phase.
linked_product_assign_remote_trading_schedule	Trading schedule {0} can not be assigned to Linked product {1}. Trading schedule is not local trading schedule.	12698	The error message is returned when trying to create a linked product with a remote schedule.	Trading schedule DEMO_TRADING_SCHEDULE can not be assigned to Linked product Intraday Power D. Trading schedule is not local trading schedule.
linked_product_attribute_is_not_modifiable	"Linked product {0} can not be modify. Attribute {1} is not modifiable"	12693	The error message is returned when trying to modify linked product fields that are not modifiable. BaseProduct(disabled), selectBaseProduct(disabled), productGroupName(disabled), tradeDecomposition, crossProductMatching(disabled), Private and Confidential (P&C) (disabled), Prearranged Trade (OPT) (disabled), Quote Orders Enabled (disabled), Minimum Quote Quantity (disabled), Execution Restriction, Trading Unit (Quantity Unit), Delivery Units, Currency, ISIN Enabled, ISIN, Minimum Quantity, Maximum Quantity, Minimum Price, Maximum Price, Lot Size, Tick Size, Decimal Shift Quantity, Iceberg Orders Enabled, Minimum Peak Size, Peak Price Delta Range, Matcher, Total Contracts (generation),	"Linked product Intraday Power D can not be modify. Attribute Delivery Units is not modifiable"

Message key	Message Content	Message Id	Triggering action	Example
			Reference Start of Delivery, Delivery Period, Gap Between Contracts, RiskSet.	
linked_product_can_be_created_only_for_remote_product	Linked product can be created only for remote product.	12696	The error message is returned when a CreateProdPrivateReq is used in order to create a linked product for a local master product.	See the Error content.
linked_product_can_no_be_created_more_than_one_for_same_product	Linked product {0} can not be created more than one for {1} product.	12692	The error message is sent when a CreateProdPrivateReq is sent in order to create a second linked product (with the same attributes as already existing linked product except unique ones, such as name) for the same master product.	Linked product Intraday Power 2 can not be created more than one for Intraday Power product.
linked_product_can_not_be_created_with_base_reference	Linked product can not be created with base reference {0}.	12694	See the Error content.	Linked product can not be created with base reference Intraday_Power.
list_execution_restriction_is_invalid	List execution restriction needs to be set for adding orders.	1143	The error message is returned when an OrderEntry is sent with a missing listExecInst (LNKD, NONE, VALID are possible).	See the Error content.
feature_broker_not_enabled	Feature broker is not enabled.	12654	A member with Member Type BROKER is being created but the broker functionality is disabled. This can be done using a CreateMbrPrivateReq.	See the Error content.
invalid_cross_leg	Composite Cross-Spread Product {0} not found	12659	The error is sent when Leg 1 Product or Leg 2 Product is not found when creating a Cross Product Spread.	Composite Cross-Spread Product Demo Power not found
invalid_hidden_order_quantity_must_reflect_lot_size	Invalid hidden quantity. Hidden quantity {0} must reflect lot size {1} which determines the minimum increment in the quantity of an order. Any hidden quantity must be a multiple of the Lot Size value.	1146	Any hidden quantity must be a multiple of the Lot Size value, otherwise the error message is returned.	Invalid hidden quantity. Hidden quantity 1112.3 must reflect lot size 0.5 which determines the minimum increment in the quantity of an order. Any hidden quantity must be a multiple of the Lot Size value.
invalid_peak_size_order_quantity_must_reflect_lot_size	Invalid peak size quantity. Peak size quantity {0} must reflect lot size {1} which determines the minimum increment in the quantity of an order. Any peak size quantity must be a multiple of the Lot Size value.	1147	Any peak size quantity must be a multiple of the Lot Size value, otherwise the error message is returned.	Invalid peak size quantity. Peak size quantity 221.5 must reflect lot size 2 which determines the minimum increment in the quantity of an order. Any peak size quantity must be a multiple of the Lot Size value.
invalid_ppd_different_from_tick_size	Invalid peak price delta: {0}! It has to be multiple of tick size {1}.	12621	The trading parameter Peak Price Delta Range is set to 11 which is not multiple of the Tick Size set to 2 using the API.	Invalid peak price delta: 11! It has to be multiple of tick size 2.
market_area_long_name_too_long	Market Area long name can't be longer than {0} characters.	12612	A new market area is created with a long name exceeding 130 characters using the API.	Market Area long name can't be longer than 130 characters.
market_area_short_name_too_long	Market Area short name can't be longer than {0} characters.	12611	A new market area is created with a short name exceeding 8 characters.	Market Area short name can't be longer than 8 characters.
member_assigned_to_exchange_market	Member is assigned to an exchange market.	12667	A member cannot be deleted if it's assigned to an exchange market.	See the Error content.

Message key	Message Content	Message Id	Triggering action	Example
			An admin has to delete the exchange market assignment before the member deletion.	
member_id_invalid	Member ID {0} is invalid.	12632	Only uppercase letters and numbers are allowed for the Member Id using the API.	Member ID Member\$1 is invalid.
netting_delay_not_allowed_for_inactive_trade	Netting delay is not allowed for inactive trades.	12550	See the Error content.	See the Error content.
netting_delay_not_allowed_for_local_products	Netting delay is not allowed for local trades.	12548	See the Error content.	See the Error content.
netting_delay_request_failed_trade_cancelled	Netting Delay Request failed: Trade was already recalled or cancelled.	12549	See the Error content.	See the Error content.
operation_not_supported	Operation is not supported	12610	A message is sent when creating a market area using a CreateMarketAreaRequest but capacity is not enabled.	See the Error content.
order_is_already_in_active_status	Order with ordrlid {0} is already in active status.	1145	An OrdrModify with an ordModType="ACTI" is sent with an ordrlid of already activated order.	Order with ordrlid 3 is already in active status.
password_change_error	Password change error	12650	The ChangePasswdRequest is sent with the old password that is equal to the new one.	See the Error content.
password_create_error	Password create error	12651	The ChangePasswdRequest is sent with an empty new password.	See the Error content.
member_assigned_to_exchange_market	Member is assigned to an exchange market.	12677	See the Error content.	See the Error content.
member_volume_limit_already_exists	Member volume limit with member id {0} and product name {1} already exist.	12689	The error message is returned when the very same volume limit is being created for a specific product and member, but the volume limit already exists.	Member volume limit with member id TM019 and product name Energy_Demo already exist.
member_volume_limit_max_amount	Maximum allowed amount exceeded. Maximum amount is set to {0}.	12210	An admin sets the Maximum Amount for a member and a product. The Maximum Amount is then subsequently exceeded by an entered order.	Maximum allowed amount exceeded. Maximum amount is set to 1000.
member_volume_limit_max_quantity	Maximum allowed quantity exceeded. Maximum quantity is set to {0}.	12209	An admin sets the Maximum Quantity for a member and a product. The Maximum Quantity is then subsequently exceeded by entered order.	Maximum allowed quantity exceeded. Maximum quantity is set to 100.
member_volume_limit_not_found	Member volume limit with id {0} not found.	2073	The error message is sent upon deleting or modifying a volume limit that doesn't exist.	Member volume limit with id 12345 not found.
member_volume_limit_product_limit_max_amount	Maximum allowed amount exceeded. Maximum amount is set to {0} on product.	12211	The maximum allowed amount of a product is exceeded by an entered order.	Maximum allowed amount exceeded. Maximum amount is set to 1000 on product.
member_volume_limit_product_limit_max_quantity	Maximum allowed quantity exceeded. Maximum quantity is set to {0} on product.	12208	The maximum Quantity of a product is exceeded by an entered order.	Maximum allowed quantity exceeded. Maximum quantity is set to 100 on product.
risk_factor_has_more_than_2_decimal_places	Risk factor "{0}" has more than 2 decimal places - {1}	2069	A CreateRiskSetReq is sent with one of the factors with more than 2 decimal places (i.e. 1.234).	Risk factor "Demo risk set" has more than 2 decimal places – 1.234
risk_factor_must_be_in_range	Risk factor "{0}" must be in range ({1}, {2})	2079	The risk factor must be within the configured values (-99999.99, -99999.99).	Risk factor "Demo risk set" must be in range ((-99999.99, -99999.99)

Message key	Message Content	Message Id	Triggering action	Example
risk_set_can_not_be_deleted_da	Risk set is assigned to one or more delivery areas and can not be deleted, name - {0}	2071	See the Error content.	Risk set is assigned to one or more delivery areas and can not be deleted, name - Demo risk set
risk_set_can_not_be_deleted_default	Default risk set can not be deleted, name - {0}	2070	The error message is returned when a default risk set is being deleted.	Default risk set can not be deleted, name - Default risk set
risk_set_can_not_be_deleted_product	Risk set is assigned to one or more products and can not be deleted, name - {0}	2072	See the Error content.	Risk set is assigned to one or more products and can not be deleted, name - Demo risk set
risk_set_is_missing	Risk set id must be provided when cashLmtEnabled is true	2068	See the Error content.	See the Error content.
risk_set_name_already_exists	Risk set with name "{0}" already exists	2076	A risk set is created with already existing name.	Risk set with name " Demo risk set" already exists
risk_set_not_found	Risk set with id {0} not found	2067	A ModifyRiskSetReq or DelRiskSetReq for riskSetId that is not existing is sent.	Risk set with id 1234 not found
product_already_exists	Product {0} already exists.	12623	An admin user creates a product which already exists using the API.	Product 15 Min Power already exists.
product_name_cannot_be_empty	Product name can't be empty.	12652	An admin user creates a product with an empty Product Name using the API.	See the Error content.
balancing_group_not_editable	Balancing group {0} is not editable.	12653	See the Error content.	See the Error content.
product_ref_dont_exist_in_pool	Product with name {0} does not exist.	12665	The CreateProdPrivateReq is sent with an invalid base reference.	Product with name Power Demo does not exist.
products_assigned_to_schedule	There are products assigned to the schedule	12657	The error is sent when a Schedule with an assigned product is deleted.	See the Error content.
subscriber_not_found	Subscriber for member {0} not found.	12666		See the Error content.
superadmin_cannot_change_his_own_balancing_group	Super Admin cannot modify his/her own balancing group.	10043	See the Error content.	See the Error content.
timezone_not_allowed	Time zone {0} is not allowed. Allowed values are: {1}	2078	A non-allowed time zone is sent in createProduct in the private API.	Time zone IST is not allowed. Allowed values are: CET, GMT
trading_schedule_has_already_contracts	Trading schedule already has contracts	12655	The error is sent when a trading schedule is being modified but the contracts which are assigned to this trading schedule were already generated.	See the Error content.
trading_schedule_has_no_trading_day	Trading schedule has no trading day.	12656	See the Error content.	See the Error content.
trading_schedule_name_not_modifiable	Trading schedule name can not be modified.	12668	Triggered by trying to change a trading schedule name via an UpdateTradingSchedulePrivateReq	See the Error content.
trading_schedule_phases_must_start_with_closed	Trading schedule phases must start with CLOSED phase.	12667	The error is sent when the first trading phase doesn't start with the Phase Type Closed.	See the Error content.
unable_to_detect_trading_request_limits	Unable to detect trading requests limits. Resources are not in configured packages.	12614	Internal IO exception, see the Error content	See the Error content.
unable_to_find_transformer_for_given_request	Unable to find transformer for given {0} trading request.	12622	A RequestTransformer handles the trading requests in the BusinessProcessor. The error message is returned when the	Unable to find transformer for given OrdEntry trading request.

Message key	Message Content	Message Id	Triggering action	Example
validator_all_unsupported_message_type	Message type {0} is not supported.	12662	RequestTransformer cannot be found.  Triggered when an unsupported request type is being sent to the remote SOB (version 1 API). This includes PrearrangedTradeEntry, OrdrSyncReq, OrdrSyncResp, PreArrangedOrdrProcess, CashLmtReq, CashLmtRprt, CommodityLmtReq, CommodityLmtRprt, OrdrQuoteReq, OrdrQuoteRprt, OrdrQuoteSetupReq, StlmntProcessInfoReq, StlmntProcessInfoRprt, ClgInfoReq, ClgInfoRprt, MassQuoteReq, MassQuoteRprt, DeleteQuotesReq, DeleteQuotesResp, QuoteReq, QuoteResp, RefPxReq, RefPxRprt, ServiceStateReq, CreateMktAreaReq, ModifyMktAreaReq, CreateDlvryAreaReq, ModifyDlvryAreaReq, CreateMbrsReq, ModifyMbrsReq, CreateAcctsReq, ModifyAcctsReq, CreateUsersReq, ModifyUsersReq, TradeStlmntReq, TradeStlmntRprt, UpdateStlmntInfo, DeactOrdersForExchangeResp, ModifyCashLimitReq, ModifyCashLimitResp, ModifyCommodityLimitReq, ModifyCommodityLimitResp, RefPxUpd, CreateClgAcctReq, ModifyClgAcctReq, DelClgAcctOrdReq, DelClgAcctOrdResp.	Message type PrearrangedTradeEntry is not supported.
validator_request_unsupported_content	Message content {1} is not supported for {0} type	12661	The error is sent e.g. when an agent account is not supported by the system configuration.	Message content clearingAcctType is not supported for class com.deutscheboerse.m7.trading.api.v1.OrdEntry type
clearing_account_not_found_for_bg	Clearing account {0} not found for {1}.	12670	Creating or modifying the BG clearing account which does	Clearing account CH01_CA10 not found for TM001-BG1-----X.



Message key	Message Content	Message Id	Triggering action	Example
			not exist triggers the message.	
delivery_area_must_be_halted_when_being_modified	If you want to modify delivery area it must be halted first.	12676	The Minimum or Maximum Price can be changed only if the particular Delivery Area is suspended first.	See the Error content.
product_illegal_delivery_period	Delivery period must be multiplier of {0} minutes.	12672	An admin user creates a product with a delivery period (e.g. 01:12) that is not multiplied by 15 minutes.	Delivery period must be multiplier of 15 minutes.
product_illegal_delivery_start_reference	Reference delivery start must be multiplier of {0} minutes.	12671	An admin user creates a product with a Reference delivery start (e.g. 22.05.2016 00:16) that is not multiplied by 15 minutes.	Reference delivery start must be multiplier of 15 minutes.
product_illegal_gap_between_contracts	Gap between contracts must be multiplier of {0} minutes.	12673	An admin user creates a product with a Gap between contracts (e.g. 01:12) that is not multiplied by 15 minutes.	Gap between contracts must be multiplier of 15 minutes.
product_max_amount_negative	Maximum amount must not be negative number.	12212	The product attribute Maximum Amount is set to be negative.	See the Error content.
product_max_amount_exceeded_max_value	Maximum amount must be lower or equal then {0}.	12213	The product attribute Maximum Amount cannot exceed $\text{MAX}(\text{ABS}(\text{MIN\_PRICE} * \text{MAX\_QTY} * \text{DEL\_UNIT}), \text{ABS}(\text{MAX\_PRICE} * \text{MAX\_QTY} * \text{DEL\_UNIT}))$ .	Maximum amount must be lower or equal then 12000.
product_min_quantity_not_divisible_by_ic_capacity_resolution	Minimum quantity must be divisible by all capacity resolution values for every existing interconnectors. Minimum quantity {0} is not divisible by capacity resolution {1} of interconnector {2}.	12675	If a new product is created or an existing one is modified, it is validated that the entered value in Minimum Quantity is greater than the Capacity Resolution of every existing interconnector in the CMM module and that the Minimum Quantity is divisible by all Capacity Resolution values for every existing interconnector.	Minimum quantity must be divisible by all capacity resolution values for every existing interconnectors. Minimum quantity 10 is not divisible by capacity resolution 3 of interconnector Demoltc1.
product_minimum_capacity_lower_than_ic_capacity_resolution	Minimum quantity must reflect capacity resolution of every interconnector. Minimum quantity must be > than {0} kW which is currently set on interconnector {1}.	12674	If a new product is created or an existing one modified, it is validated that the entered value in Minimum Quantity is greater than the Capacity Resolution of existing interconnector in the CMM module.	Minimum quantity must reflect capacity resolution of every interconnector. Minimum quantity must be > than 10 kW which is currently set on interconnector Demoltc1.
product_must_have_correct_exchange	Product {0} must have {1} exchange. But current is {2}.	12699	See the Error content.	See the Error content.
product_min_quantity_not_divisible_by_ic_capacity_resolution	Minimum quantity must be divisible by all capacity resolution values for every existing interconnectors. Minimum quantity {0} is not divisible by capacity resolution {1} of interconnector {2}.	12675	If a new product is created or an existing one modified, it is validated that the entered value in Minimum Quantity is divisible by all capacity resolution values for every existing interconnector in the CMM module.	Minimum quantity must be divisible by all capacity resolution values for every existing interconnectors. Minimum quantity 10 is not divisible by capacity resolution 3 of interconnector Demoltc1.
delivery_area_must_be_halted_when_being_modified	If you want to modify delivery area it must be halted first.	12676	An active delivery area is modified.	See the Error content.
bespoke_product_can_not_have_opt_trade	Bespoke product cannot have an opt trade	3025	See the Error content.	See the Error content.
feature_settlement_is_not_enabled	Feature settlement is not enabled	3023	The StmntProcessInfoReq is sent but the settlement feature is disabled.	See the Error content



Message key	Message Content	Message Id	Triggering action	Example
for_public_api_amqp_use_attempt_amqp_single_login_authentication	For Public API AMQP interface use method attemptAmqpSingleLoginAuthentication	2002	See the Error content.	See the Error content
main_role_cannot_be_modified_when_user_not_suspended	Main role cannot be modified when a user is not suspended.	10040	See the Error content.	See the Error content.