

DFS200 - Messages

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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 [Introduction](#) provides an introduction of the DFS200 document.
- Chapter [Parameters](#) provides an overview of the parameters used in errors and messages.
- Chapter [Messages](#) describes all M7 messages and divides them into three sections (Private, Public and Admin messages).
- Chapter [Errors](#) 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:

- 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:

| ID | Parameter |
|----|---|
| 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 yyyyymmdd hh:mm) |
| 17 | Date (formatted yyyyymmdd 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 |
| 24 | Activation Point |
| 25 | Expiry Point |
| 26 | Order Throttling - Member Status |
| 27 | Order Throttling - Rule Type |
| 28 | Order Throttling - Member Status, time of change |
| 29 | Order Throttling - Indicative Release time / End of Tolerance |
| 30 | Order Throttling - Responsible User |
| 31 | Order Throttling - Client Correlation ID |
| 32 | Order Throttling - Release Time / End of Tolerance flag (defines content of field 29) |

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 | Various actions | | yes |
| text | [INVALID MESSAGE] | | 1 (PUBLIC), 2 (BALGRP_PRODUCT), 3 (BALGRP) | Various actions | | 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 successfullysuccessfully connects to the Exchange. | User ADMIN SADMI1 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_behalf_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} - {4}{21} {18} for {5}{22}. | - | 13 (BALGRP_PRODUCT) | An active order is entered (or modified) by a trader with on behalf rights for another trader. | On behalf 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 |

| Message key | Message Content | History Constraints | Message Id and Scope | Triggering action | Example | Generated by backend |
|--------------------------------|--|---------------------|------------------------|--|--|----------------------|
| 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 |

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} - {4}{21} {18} for {5} by {0}{22}. | - | 15 (ADMIN_PRODUCT) | An admin user modifies a deactivated order in the Own Order panel on behalf of another user. | Order modified on behalf: Sell 16-17 - 6.800 MW for 5.16 EUR by SADM15. | no |
| x_order_modified_on_behalf_user | Order modified on behalf: {2} {3} - {4}{21} {18} for {5}{22}. | SKIP | 16 (BALGRP_PRODUCT) | 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_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_PRODUCT) | 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_PRODUCT) | 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 SADM15. | no |
| x_order_inactivate_on_behalf_user | Order deactivated on behalf: {2} {3} - {4}{21} {18} for {5}{22}. | - | 23 (BALGRP_PRODUCT) | 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_PRODUCT) | A trader enters an OTC trade. | OTC Trade entered: Buy 21-22 - 100.000 MW for 10.00 EUR. | no |
| 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 |

| Message key | Message Content | History Constraints | Message Id and Scope | Triggering action | Example | Generated by backend |
|--------------------------------------|---|---------------------|----------------------|---|--|----------------------|
| 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 |
| x_order_rejected_behalf_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_behalf_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_behalf_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_behalf_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_behalf_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_behalf_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} {3} - {4} {18} for {5}. | SKIP | 50 (BALGRP_PRODUCT) | A trader creates an order whose quantity is subsequently completely matched in the market. | Order executed completely: Sell 13-14 - 289.000 MW for 20.00 EUR. | no |
| 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 Action in case of disconnection in the Safeguards tab of the Login window. | Connection loss: TRD005 was disconnected. All orders of the following balancing groups will be deactivated: TM001-BG1—X, TM001-BG2—X. | yes |
| externalLoggedOutNotification | Session logged out by backend: APPLICATION_ID_INACTIVATED. | - | - (USER) | The connection of front-end to the trading system is closed by back-end. The message is shown when Market Operations inactivate the Application Id used by the connected client. | Session logged out by backend: APPLICATION_ID_INACTIVATED. | partly |
| externalLoggedOutNotification | Session logged out by backend: MIN_VERSION_CHANGED. | - | - (USER) | The connection of front-end to the trading system is closed by back-end. The message is shown when Market Operations increase the Minimal Version of the Application Id above the version used by the connected client. | Session logged out by backend: MIN_VERSION_CHANGED. | partly |
| externalLoggedOutNotification | Session logged out by backend: USER_LOGOUT_ALL. | - | - (USER) | The connection of front-end to the trading system is closed by back-end. The message is shown when System Operations perform a disconnection of all AMQP users. | Session logged out by backend: USER_LOGOUT_ALL. | partly |

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} {self-trade}. | SKIP | 70 (PUBLIC_PRODUCT) | The message is sent when a trade is performed. (Self trades are marked with optional (sel-trade) at the end of message) If {buy_ma} or {sell_ma} is unknown, "?" is displayed. | Trade DE/? : 17-18 - 18.100 MW for 60.00 EUR. Trade DE/DE : 17-18 - 18.100 MW for 60.00 EUR (self-trade). | 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 Trading of contract 15-16 modified for Demo: (Start: 2016-05-12 15:00 - End: 2016-05-13 14:45) by SADMIN2. | 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 Trading of contract 15-16 modified for Demo: (Start: 2016-05-12 15:00 - End: 2016-05-13 14:45) by SADMIN2. | 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 |
| 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_hibernated_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 |

| Message key | Message Content | History Constraints | Message Id and Scope | Triggering action | Example | Generated by backend |
|-------------------------------|--|---------------------|------------------------------|---|--|----------------------|
| x_contract_activated_private | Contract {3} set to TRADING for {6} by {0}. | SKIP | 86 (ADMIN_PRODUCT) | A market operator selects ACT1 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 SADM12. | 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 SADM12. | 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 SADM12. | 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 Halt. The warning information is displayed in the WebGui header. | Delivery Area in halt: Demo | yes |
| 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 SADM12. | 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 SADM12. | 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 |
| 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 |

| Message key | Message Content | History Constraints | Message Id and Scope | Triggering action | Example | Generated by backend |
|---|---|---------------------|----------------------|--|---|----------------------|
| 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. | yes |
| aot_incomplete_inactive_contract_for_da | 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: a) a delivery area halt; b) service halt; c) a product being deactivated; d) a disconnection from XBID during AOT. | Aot was completed only partially. Orders for 17-18 and AMP was not transferred. | yes |
| throttling_status_changed_no_restriction_member | Throttling status changed for {20}, status: {26}, rule type: {27}, time of change: {28} | | 166 (MEMBER) | The message is sent whenever a Member is assigned NO_RESTRICTION Order Throttling Status | Throttling status changed for TST10 to NO_RESTRICTION at 2021-12-10T15:55:30.012251+01:00 | yes |
| throttling_status_changed_other_statuses_member | Throttling status changed for {20}, status: {26}, rule type: {27}, time of change: {28}, {32}: {29}, last user: {30}, last member client correlation id: {31} | | 168 (MEMBER) | The message is sent whenever WARNING or RESTRICTED Order Throttling Status is assigned on any of Member's Order Throttling Rules | Throttling status changed for TST10 to RESTRICTED at 2021-12-10T15:54:55.015488+01:00, short rule (status=RESTRICTED, release time:2021-12-10T15:55:30+01:00) and long rule (status=NO_RESTRICTION), last user: M7USR019, last member client correlation id: de8eb368-fb52-4159-99ea-f94171dedc9b | 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 |
| 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 |

| Message key | Message Content | History Constraints | Message Id and Scope | Triggering action | Example | Generated by backend |
|---|--|---------------------|----------------------|--|--|----------------------|
| 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 |
| 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 SADM15: 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 been deactivated. Please check orders and trades. | | 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 orders have been deactivated. Please check orders and trades. | SOB |
| 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 |

| Message key | Message Content | History Constraints | Message Id and Scope | Triggering action | Example | Generated by backend |
|---|---|---------------------|----------------------|--|---|----------------------|
| 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 |
| 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 |
| throttling_status_changed_no_restriction_member | Throttling status changed for {20}, status: {26}, rule type: {27}, time of change: {28} | | 166 (ADMIN) | The message is sent whenever a Member is assigned NO_RESTRICTION Order Throttling Status | Throttling status changed for TST10 to NO_RESTRICTION at 2021-12-10T15:55:30.012251+01:00 | yes |
| throttling_status_changed_other_statuses_member | Throttling status changed for {20}, status: {26}, rule type: {27}, time of change: {28}, {32}: {29}, last user: {30}, last member client correlation id: {31} | | 168 (ADMIN) | The message is sent whenever WARNING or RESTRICTED Order Throttling Status is assigned on any of Member's Order Throttling Rules | Throttling status changed for TST10 to RESTRICTED at 2021-12-10T15:54:55.015488+01:00, short rule (status=RESTRICTED, release time:2021-12-10T15:55:30+01:00) and long rule (status=NO_RESTRICTION), last user: M7USR019, last member client correlation id: de8eb368-fb52-4159-99ea-f94171dedc9b | 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. |
| 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 |
| 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 a non-balancing user is trying to enter a balancing order | 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 |
| 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 |
| 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. |

| Error key | Error Content | Error Code | Triggering action | Example |
|--|---|------------|---|--|
| 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 |
| 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. |
| 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 inquire 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 and BALANCE 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 |

| Error key | Error Content | Error Code | Triggering action | Example |
|---|--|------------|---|--|
| 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 missing. A user creates an order with GTD validity restriction, but the Validity Date is not entered. | See the Error content |
| 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 |
| 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 |
| 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 |

| Error key | Error Content | Error Code | Triggering action | Example |
|---|--|------------|--|--|
| 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 whilst not trading on behalf. | Current logged in trader TRD001 doesn't match passed traderId TRD002 |
| 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 |
| 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 |
| 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 |
| 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 |

| Error key | Error Content | Error Code | Triggering action | Example |
|---|--|------------|--|--|
| 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_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 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. |
| 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 |

| Error key | Error Content | Error Code | Triggering action | Example |
|--|---|------------|---|--|
| 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: a) A block order; b) An order for a local product; c) An order for a remote product without a linked product. | See the Error content |
| order_operation_rejected_because_order_state_is_unknown | The operation on Order {0} has been rejected because the order state is unknown. | 1160 | The error message is triggered when trader tries to modify, activate, deactivate or delete order in UKNW state. | See the Error content |

4.2 General errors

| Error key | Error Content | Error Id | Triggering action | Example |
|---|---|----------|--|--|
| access_denied | Access is denied | 100 | Admin trying to modify orders directly (i.e. not on behalf). A trader trying to use public AMQP API without sufficient rights. | 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 |
| 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". |
| n/a | Provided UserId did not match LoginReq userid. | n/a | A general error from the M7 enquiry module. It is triggered when a client sends a LoginReq with a different LoginId in the attribute user than used for the connection to the RabbitMQ broker. | See the error content. |
| 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! |

| Error key | Error Content | Error Id | Triggering action | Example |
|---|---|----------|--|---|
| 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. |
| service_in_halt | Service is in HALT | 2020 | An order entry request is sent when the market is in HALT. 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. | 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. |
| member_not_found | Member {0} not found. | 2024 | a) A user sends a CreateExchangeMarketReq request with an incorrect member ID using API. b) An EMSModifyMbrReq is sent in order to suspend an unknown member. c) An EMSModifyMbrReq is sent in order to activate an unknown member. | 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 | a) An admin user tries to enter an order for a user for a suspended member. b) A Market Operator or ECC sends an EMSModifyMbrReq in order to suspend an already suspended member. c) A Market Operator or ECC sends EMSModifyMbrReq in order to suspend an already deleted member. | 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 |

| Error key | Error Content | Error Id | Triggering action | Example |
|---|--|----------|---|--|
| 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 |
| 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. |
| 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 |
| can_not_be_empty | Field {0} can not be empty. | 106 | The CreateMktAreaReq is created with an empty mktAreaId, 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_multiply_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 |

| Error key | Error Content | Error Id | Triggering action | Example |
|--|--|----------|---|---|
| contract_reference_price_exchange | Cannot modify closing price of remote contract. | 2060 | See the Error content | See the Error content |
| 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_iso_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_for_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 ModifyAllOrdrs 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: 1234000and revision 2 |
| 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 | a) Triggered by exceeding the maximum message payload size - may be simulated by setting the m7.journal.max Message Size property low enough. b) Can be triggered by sending ModifyUsersReq that contains no modifications (or a similar request). | Message size 200 exceeds maximum size 100 |
| 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 "dlvryAreald" 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 |

| Error key | Error Content | Error Id | Triggering action | Example |
|--------------------------------------|--|----------|---|--|
| 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 (MbrId, UsrId, AccId). | One and only one of these attributes "TRD001, TRD002, TRD010" must be supplied. |
| too_many_requests_excpetion | 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. |
| n/a | Invalid area. | 50002 | The Hub-to-Hub capacity information was requested for a 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 is outside of the range configured for M7 (too much in the past/future) | See the error content. |
| n/a | Invalid attribute | 50004 | The Hub-to-Hub capacity information was requested for unsupported attribute | See the error content. |
| n/a | Missing attribute | 50005 | The Hub-to-Hub capacity information missing required attribute area | 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 |

| Error key | Error Content | Error Id | Triggering action | Example |
|---|--|----------|---|--|
| 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_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 |
| 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 |
| cancellation_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 |
| 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 OrdExeRprt). 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 |
| 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 |

| Message key | Message Content | Message Id | Triggering action | Example |
|---|--|------------|---|--|
| 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 combination with delivery areas {1}. | 10045 | The error message is returned when a trader tries to access a product that is assigned to A suspended balancing group. | The trader is not allowed to access product 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. |

| Message key | Message Content | Message Id | Triggering action | Example |
|---|--|------------|---|---|
| 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). |
| 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 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 corresponding delivery area is subsequently unassigned. | There exist open orders for balancing group TM016-BG2—X and Delivery Area DE. |
| 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. |

| Message key | Message Content | Message Id | Triggering action | Example |
|--|--|------------|---|---|
| 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. |
| 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_dlvr_area_from_base_prod | 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_sdat_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. |

| Message key | Message Content | Message Id | Triggering action | Example |
|---|---|------------|---|---|
| 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. |
| 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 |
| 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 corresponding Balancing group. | BalancingGroup TM016-BG2 is not assigned to product Power_Demo. |
| 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 DlrvyAreaInfoRprt 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. |

| Message key | Message Content | Message Id | Triggering action | Example |
|--|--|------------|---|---|
| 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. |
| 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 CreateDlrvAreaReq). | 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 inter-connector {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 inter-connector {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. |
| 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 mbrId. | 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 mbrId 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 mbrId 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. mbrId 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. |

| Message key | Message Content | Message Id | Triggering action | Example |
|--|--|------------|--|---|
| 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. |
| 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. |
| 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. |
| 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_other_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. |
| 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. |

| Message key | Message Content | Message Id | Triggering action | Example |
|--|---|------------|--|---|
| 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_day_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. |
| 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. |
| 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. |
| 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. |

| Message key | Message Content | Message Id | Triggering action | Example |
|--|---|-------------|---|--|
| 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. | not defined | 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_exist | 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_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 modifying the Exchange Market. | See the Error content. |
| 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. |

| Message key | Message Content | Message Id | Triggering action | Example |
|---|---|------------|--|---|
| 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), 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), Reference Start of Delivery, Delivery Period, Gap Between Contracts, RiskSet. | Linked product Intraday Power D can not be modify. Attribute Delivery Units is not modifiable |
| 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_then_one_for_same_product | Linked product {0} can not be created more then 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. |

| Message key | Message Content | Message Id | Triggering action | Example |
|--|---|------------|--|--|
| 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. An admin has to delete the exchange market assignment before the member deletion. | See the Error content. |
| 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. |
| order_is_already_in_active_status | Order with ordrid {0} is already in active status. | 1145 | An OrdModType="ACTI" is sent with an ordrid of already activated order. | Order with ordrid 3 is already in active status. |
| password_change_error | Password change error | 12650 | The error is sent whenever the requested password change was unsuccessful due to the reason specified in the err attribute. It is triggered for example: a) when the new password is equal to the old one. b) when the password contains 3 or more consecutive characters from the user's Login Id and from the string "trader". | Password change error: Unable to change password. invalid password syntax - password based off of user entry |
| password_create_error | Password create error | 12651 | The ChgPwdReq 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) |
| 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 |

| Message key | Message Content | Message Id | Triggering action | Example |
|--|---|------------|--|--|
| 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 RequestTransformer cannot be found. | 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 | Triggered when an unsupported request type is being sent to the remote SOB (version 1 API). This includes OrderSyncReq, OrderSyncResp, CashLimitReq, CashLimitRprt, CommodityLimitReq, CommodityLimitRprt, OrderQuoteReq, OrderQuoteRprt, OrderQuoteSetupReq, 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, DelClgAcctOrderReq, DelClgAcctOrderResp. | Message type OrderSyncReq 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.OrderEntry type |
| 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_must_have_correct_exchange | Product {0} must have {1} exchange. But current is {2}. | 12699 | See the Error content. | See the Error content. |
| 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 StlmntProcessInfoReq is sent but the settlement feature is disabled. | See the Error content |
| 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. |