CME Globex Test Products

CME Group offers test products in the production environment to facilitate connectivity and messaging testing on CME Globex.

Customers can test anytime CME Globex is available. A successful test is indicated by the client receipt of either:

- An Execution Report acknowledgment during the pre-open
- An Execution Report - Reject during the close

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The test products mimic the futures contracts currently available to trade on CME Globex. Only outright futures are listed. Market data is disseminated on the MDP 3.0 market data channel of the tradable contract.

Test products are available for Order routing only — trades and Fill or Kill (FOK) and Fill and Kill (FAK) orders are not supported.

Test Product Functionality

CME Globex supports the following functionality for test products.

Identifiers

Test products have the following iLink order entry and market data messaging identifiers:

<table>
<thead>
<tr>
<th>CME Globex Test Product</th>
<th>MDP 3.0: tag 6937-Asset</th>
<th>iLink: tag 55-Symbol</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test – E-mini S&amp;P MidCap 400 Futures</td>
<td>0MD (zero-M-D)</td>
<td>$M</td>
</tr>
</tbody>
</table>

iLink Order Entry

Order entry functionality is available for test products on iLink as described below.

The messaging rate for test contracts is restricted to 1 message per 30 seconds per iLink session throughput.

- New Order
  - Order Types and Qualifiers:
    - Day
    - Limit
- Order Modify
- Order Cancel
- Mass Order Status
- Mass Order Cancel

Market Data
Market data functionality for test products is available as follows.

**Market States**

Only the Pre Open market state is available for test contracts per the following schedule.

<table>
<thead>
<tr>
<th>Day</th>
<th>Time (CT)</th>
<th>Instrument Security Status (tag 35-MsgType = f)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sunday</td>
<td></td>
<td><strong>tag 326-SecurityTradingStatus =</strong></td>
</tr>
<tr>
<td>Pre Open</td>
<td>16:00</td>
<td><strong>21 (Pre Open)</strong></td>
</tr>
<tr>
<td>Close</td>
<td>16:59</td>
<td><strong>4 (Close)</strong></td>
</tr>
<tr>
<td>Monday-Thursday</td>
<td></td>
<td><strong>tag 326-SecurityTradingStatus =</strong></td>
</tr>
<tr>
<td>Pre-Open</td>
<td>16:45</td>
<td><strong>21 (Pre Open)</strong></td>
</tr>
<tr>
<td>Close</td>
<td>16:59</td>
<td><strong>4 (Close)</strong></td>
</tr>
</tbody>
</table>

**Market Data Statistics**

The following statistics are available for test contracts.

- Indicative Opening – Incremental Refresh tag 35-MsgType=X, tag 269-MDEntryType=4
- A fixed, reasonable value will be published in the Daily Settlement – Incremental Refresh tag 35-MsgType=X, tag 269-MDEntryType=6 (Settlement price)
- Preliminary settlements will be published
- Messaging Controls are applicable

**Risk Management Services**

**CME Globex Credit Controls**

For GC2 purposes, test products will have a $1 margin rate.

**Drop Copy**

*Drop Copy* is available for test product order entry messages.