

# Hong Kong Monetary Authority OTC Derivatives Trade Repository

## Simulation Test Script for ISO 20022 Standard Implementation

Please complete the following test cases and notify the HKTR to confirm the result via [hktr@hkma.gov.hk](mailto:hktr@hkma.gov.hk) with the following information and system report file attached to the email.

TR Member Code: \_\_\_\_\_

TR Trade Reference of the Quitted Trade:     T    

TR Trade Reference of the Re-reported Trade:     TR    

System reports of relevant test cases:

1. CTRD2511 - Trade Action Report - ISO 20022,
2. CTRD2611 - Trade Position Report - ISO 20022,
3. CTRD2711 - Participant Valuation Action Report - ISO 20022,
4. CTRD2811 - Participant Margin and Collateral Action Report - ISO 20022

<b><u>Test Case 1: Re-reporting live legacy trades</u></b>		
<b>Description:</b> To make reporting entities familiar with the use of ISO 20022 template, TR participants are required to perform re-reporting of live legacy trades of any one applicable asset class.		
<b>Steps</b>	<b>Actions</b>	<b>Expected Result</b>
1	Identify the legacy trade(s) for re-reporting in the ISO 20022 template.	
2	Submit a "Quit" trade event for legacy trade in the pre-implementation template by "Upload Trade Event Request File" function and verify that the "Quit" trade event has been successfully submitted for the legacy trade by accessing the Capture Report through "Trade Event Request Enquiry" function.	The event is accepted by HKTR and "Completed" status can be found in the Capture Report.

3	<p>Re-report legacy trade using the ISO template of Action Type “NEW” and Event Type “Update” and ensuring all applicable data fields are populated.</p> <p><i>(Remarks: Reporting entities may populate one of the existing trade identifiers (whether it is a USI, TID or other shared-and-paired trade identifiers) for the re-reported trade under proprietary ID in the data element of Unique Transaction Identifier (UTI).)</i></p>	<p>The uploaded request file is accepted by the "Upload Trade Action Request File" function. “Completed” status and TR trade reference can be found in the response file available in “Find Trade Action Request File Capture” function.</p>
4	<p>Report valuation information using the corresponding trade references for correlation in the ISO template by “Upload Valuation Action Request File” function and check the response file by “Find Valuation Action Request File Capture” function.</p>	<p>The response file should indicate that the uploaded request file is accepted by HKTR.</p>
5	<p>Use the new ISO template of Action Type “MODI” and Event Type “ETRM” to submit early termination event by updating notional to zero.</p>	<p>The uploaded request file is accepted by HKTR and “Completed” status can be found in the request file.</p>
6	<p>Next day, access the following reports:</p> <ul style="list-style-type: none"> <li>• CTRD2511 - Trade Action Report - ISO 2002</li> <li>• CTRD2611 - Trade Position Report - ISO 2002</li> <li>• CTRD2711 - Participant Valuation Action Report - ISO 2002</li> </ul>	<ul style="list-style-type: none"> <li>• CTRD2511 report shows the change history of the above trade actions.</li> <li>• CTRD2611 report shows the above active trade.</li> <li>• CTRD2711 report shows the above valuation action.</li> </ul>

7	Use the new ISO template of Action Type “TERM” and Event Type “ETRM” to submit full termination event.	The uploaded request file is accepted by HKTR and “Completed” status can be found in the request file.
<b><u>Test Case 2: Reporting new trades of other applicable asset classes</u></b>		
<b>Description:</b> To ensure a smooth transition to the ISO 20022 template, TR participants are required to report a new trade for each applicable asset class.		
Steps	Actions	Expected Result
1	Identify the applicable asset class(es) in existing Production environment by navigating to “Participant Maintenance > View/Maintain Participant Details > Reporting Obligation”.	
2	Submit a trade for each applicable asset class in Simulation Test environment using the ISO 20022 template.	The uploaded request file is accepted by HKTR. and “Completed” status and TR trade reference can be found in the Capture Report.
3	Next day, access the report “CTRD2611 - Trade Position Report - <Asset Class> - ISO 20022”	Submitted trade should be found in the report.
4	Provide ISO Trade Reference number below (if applicable).  Interest Rate: <u>TR</u> Currency: <u>TR</u> Equity: <u>TR</u> Credit: <u>TR</u> Commodity: <u>TR</u>	

### **Test Case 3: Reporting margin and collateral information**

**Description:** To ensure reporting entities have the appropriate setup for reporting margin and collateral information, TR participants are required to manually assign the new action rights to user preferred participant level role if necessary.

<b>Steps</b>	<b>Actions</b>	<b>Expected Result</b>
1	Log in to the system as Defadmin1/Defadmin2 or a user with the necessary permissions to manage roles and action rights.	
2	Add the "Upload Margin and Collateral Action Request File (ISO 20022)" and "View Margin and Collateral Action Request File Capture (ISO 20022) " action right to the selected users under your entity. Approve the request(s) if needed.	Roles with appropriate access rights are created for different group of users.
3	Report margin and collateral information using the ISO 20022 template by "Upload Margin and Collateral Action Request File" function and check the response file by "Find Margin and Collateral Action Request File Capture".	The response file should indicate that the uploaded request file is accepted by HKTR.
4	Next day, access the report "CTRD2811 – Participant Margin and Collateral Action Report - ISO 20022"	Submitted margin and collateral actions should be found in the report.
5	Provide Margin Action Reference number below.  <u>MA</u> _____	

## **Reminder to TR Members**

The HKTR system will continue to support data submission and system report / response file collection through two established STP channels: File Transfer Service (FTS) on ICLNet and FileAct on SWIFTNet.

To facilitate the collection of new ISO system reports and response files via FTS, participants are required to complete the FTS Configuration Spreadsheet provided by HKICL. To initiate this process, please contact HKICL at [hkiel@hkiel.com.hk](mailto:hkiel@hkiel.com.hk)

For both FTS and FileAct, participants will need to review and activate the corresponding delivery channel for each new ISO 20022 system report / response file through the Maintain Report Schedule function.