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**Information Package  
on  
the Hong Kong Investor Identification Regime  
(HKIDR) Post Release Test (for BCAN tagging) on  
18 March 2023**

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Version 1.0

Mar 2023

## Version History

Version No.	Issue Date	Particulars
1.0	2 March 2023	First published version

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## 1 Introduction

### 1.1 Overview

The Post Release Test aims to provide an opportunity for Exchange Participants (EPs) to verify their system readiness in tagging of BCAN for on-exchange orders and off-exchange trades after the Orion Trading Platform – Securities Market (OTP-C) and Orion Central Gateway – Securities Market (OCG-C) have been upgraded ahead of the launch of the HKIDR. For the avoidance of doubt, submission of the BCAN-CID Mapping File and five reporting forms will not be available during the Post Release Test.

**All EPs are strongly encouraged to participate in the Post Release Test and no enrolment will be required.**

### 1.2 Market Data Arrangement for the HKIDR Post Release Test

EPs who have subscribed to any data feed product on HKEX Orion Market Data Platform – Securities Market (OMD-C) can have access to their subscribed OMD-C feed during the Post Release Test.

For EPs receiving market data through Information Vendors (IVs) and Application Service Providers (ASPs), they should check with their IVs and/or ASPs immediately for the required logistics or other necessary arrangement if they plan to receive market data from them during the Post Release Test.

## 2 Guidelines for the HKIDR Post Release Test

EPs are requested to make note of the following important points when they take part in the Post Release Test:

### **Before the Post Release Test:**

- All production OCG-C Trading and Drop-Copy sessions will be turned on during Post Release Test. EPs are reminded to contact its BSS vendor to make pre-arrangement to turn on its BSS.
- EPs must ensure that the correct configuration of BSS software (if needed) supporting the HKIDR is activated before connecting to OTP-C/OCG-C for the Post Release Test.
- EPs are reminded to back up their production database (including BSS production database) before the Post Release Test so that the database can be restored, if necessary, after the test to safeguard data integrity for the following trading day.

### **Access to the Post Release Test:**

- EPs are required to logon all OCG-C (including Trading and Drop-Copy sessions) by using the assigned Comp ID(s) and production password.

### **During the Post Release Test:**

- During the Post Release Test, EPs are required to simulate real-life trading activities by inputting on-exchange orders and off-exchange trades tagged with BCANs.
- All BCAN information tagged to on-exchange orders and off-exchange trades should be for testing purposes only. All data will be removed after the Post Release Test is completed.
- The stock database as at the market open on **20 March 2023** will be used for the Post Release Test.
- During the Post Release Test, EPs can also verify again their system's compatibility with the two new features of OTP-C (i.e. transaction time in microsecond and provision of an aggressive/passive indicator for auto-matched trades during continuous trading session) and the updated quotation rules for Exchange Traded Products.

### **After the Post Release Test:**

- Upon completion of the Post Release Test, EPs are reminded to log off and terminate all OCG-C sessions, then perform end-of-day procedures and clean up the transaction data (e.g. orders and trades) entered during the test from BSS (if applicable).
- After the Post Release Test, EPs are also reminded to clean up the next day requests for testing, if any, to ensure that these testing orders will not be carried forward to the production on the following trading day.
- After the completion of the Post Release Test, the Exchange will confirm the rollout of the HKIDR at around 3:00pm on the same day (i.e. 18 March 2023) via a special message posted on the HKEX website at the [HKIDR project corner](#). If there is an unexpected incident during the Post Release Test and a fallback is required, a special announcement will be made on the same web corner at around 3:00pm. Therefore,

EPs are requested to check the web corner around 3:00pm on 18 March 2023 and act accordingly.

### 3 Typhoon/ Extreme Conditions/ Rainstorm Arrangements

When Tropical Storm Warning Signal No. 8 (or above) or Extreme Conditions or Black Rainstorm Warning Signal is hoisted, the following arrangements will apply:

Condition	Arrangement
If either of the warnings is hoisted or to be in force <b>anytime from 7:00am to 9:00am.</b>	The scheduled activity of the day will be cancelled and will not be resumed for the rest of the day.
If Tropical Storm Warning Signal No. 8 or above or Extreme Conditions is issued <b>after 9:00am.</b>	The scheduled activity of the day will be terminated 15 minutes thereafter.
If Black Rainstorm Warning is issued after 9:00am.	All scheduled activity will continue until completion.

Note:

In any case, all participating EPs should complete the appropriate day-end work including file/ database backup and restoration, system restoration/ fallback and so on to ensure there will be no interruption on the next trading day.

## 4 Support Hotline

Should EPs have any questions on the day of the Post Release Test, they can contact the following Support Hotlines:

	Telephone Number	Email Address	Hotline Support Service Hours
<b>For BSS Support</b>	2840 3351	<a href="mailto:bsssupport@hkex.com.hk">bsssupport@hkex.com.hk</a>	8:30am - 1:30pm
<b>For General Enquiry</b>	2840 3626	<a href="mailto:hkidr@hkex.com.hk">hkidr@hkex.com.hk</a>	
<b>For OMD-C Enquiry</b>	2211 6558	<a href="mailto:IVSupport@hkex.com.hk">IVSupport@hkex.com.hk</a>	



## 5 Activity Rundown for HKIDR Post Release Test on 18 March 2023

Time	Activities
<b>17 March 2023 (Friday) – After Market Close</b>	
After 5:00pm	<ul style="list-style-type: none"> <li><input type="checkbox"/> For all OCG-C/BSS sessions, ensure change, if any, to network configuration is properly completed.</li> <li><input type="checkbox"/> Ensure all OCG-C/BSS components are powered on after trading hours.</li> <li><input type="checkbox"/> Ensure the production database of in-house / back-office systems are properly backed-up.</li> </ul> <p>For all existing production BSS, please do not input any next day requests after trading hours on Friday (i.e., requests intended for submission to OTP-C/OCG-C on the following trading day, since next day requests will be submitted to OTP-C/OCG-C during the Post Release Test and will not be available on the following trading day).</p>
<b>18 March 2023 (Saturday)</b>	
<b>Ready for Market Open</b>	
Before 9:00am	<p><b><u>Logon to OTP-C Host</u></b> For <b>OCG-C/BSS</b>:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Perform logon for OCG-C sessions (including Trading and Drop-Copy sessions) by using production password.</li> </ul>
<b>Pre-opening Session (POS)</b>	
9:00am - 9:30am	<ul style="list-style-type: none"> <li><input type="checkbox"/> The POS consists of: <ul style="list-style-type: none"> <li><input type="checkbox"/> Order Input Period (9:00am - 9:15am)</li> <li><input type="checkbox"/> No-cancellation Period (9:15am - 9:20am)</li> <li><input type="checkbox"/> Random Matching Period (9:20am - 9:22am [random matching start time])</li> <li><input type="checkbox"/> Order Matching (9:20am [random start time] – completion of order matching [variable end time])</li> <li><input type="checkbox"/> Blocking Period (upon completion of order matching [variable end time] - 9:30am)</li> </ul> </li> <li><input type="checkbox"/> Simulate real-life trading activities (in terms of order input, pattern and volume).</li> <li><input type="checkbox"/> Tag BCAN to each of the on-exchange orders and off-exchange trades.</li> </ul>
<b>Morning Trading Session (Continuous Trading)</b>	
9:30am - 12:00noon	<ul style="list-style-type: none"> <li><input type="checkbox"/> The morning trading session consists of: <ul style="list-style-type: none"> <li><input type="checkbox"/> Without VCM monitoring (9:30am - 9:45am)</li> <li><input type="checkbox"/> With VCM monitoring (9:45am - 11:40am)</li> <li><input type="checkbox"/> Without VCM monitoring (11:40am - 12:00noon)</li> </ul> </li> <li><input type="checkbox"/> Simulate real-life trading activities (in terms of order input, pattern and volume).</li> <li><input type="checkbox"/> Tag BCAN to each of the on-exchange orders and off exchange trades.</li> <li><input type="checkbox"/> Verify the system's compatibility with the two new features of OTP-C (i.e. transaction time in microsecond and provision of an aggressive/passive indicator for auto-matched trades during continuous trading session) and the updated quotation rules for Exchange Traded Products.</li> </ul>
<b>Closing Auction Session (CAS)</b>	
12:00noon - 12:10pm	<ul style="list-style-type: none"> <li><input type="checkbox"/> The CAS consists of: <ul style="list-style-type: none"> <li><input type="checkbox"/> Reference Price Fixing Period (12:00noon - 12:01pm)</li> </ul> </li> </ul>

Time	Activities
	<ul style="list-style-type: none"> <li><input type="checkbox"/> Order Input Period (12:01pm - 12:06pm)</li> <li><input type="checkbox"/> No-cancellation Period (12:06pm - 12:08pm)</li> <li><input type="checkbox"/> Random Closing Period (12:08pm - 12:10pm [random close time])</li> <li><input type="checkbox"/> Order Matching (12:08pm [random start time] – completion of matching [variable end time])</li> <li><input type="checkbox"/> Day Close (upon completion of matching)</li> <li><input type="checkbox"/> Simulate real-life trading activities (in terms of order input, pattern and volume).</li> <li><input type="checkbox"/> Tag BCAN to each of the on-exchange orders and off exchange trades.</li> </ul>
<b>Day Close – upon completion of matching</b>	
12:10pm	For <b>OCG-C/BSS</b> : <ul style="list-style-type: none"> <li><input type="checkbox"/> Logout and terminate OCG-C session.</li> <li><input type="checkbox"/> Perform end-of-trading procedures, if any, to ensure database integrity.</li> <li><input type="checkbox"/> Clean up the transaction data (e.g. orders and trades) entered during the Post Release Test from BSS, if applicable.</li> <li><input type="checkbox"/> Restore the data and proper BSS production configuration for following Monday, if necessary.</li> </ul>
<b>Download Day-end Trade File</b>	
12:40pm - 1:30pm	<input type="checkbox"/> Day-end trade file and closing price file in Central Trade Feed (CTF) format will be available from 12:40pm to 1:30pm. EPs are required to login <a href="#">ECP 2.0</a> with user function “EU_ECPTO” in order to download the files.
<b>Confirmation of HKIDR Rollout by HKEX</b>	
Around 3:00pm	<input type="checkbox"/> Check the announcement confirming the rollout of HKIDR posted on the HKEX website at the <a href="#">HKIDR web corner</a> . If there is an unexpected incident during the Post Release Test and a fallback is required, a special announcement will be made on the same web corner at around 3:00pm.
<b>20 March 2023 (Monday)</b>	
Before 8:30am	For <b>OCG-C/BSS</b> : <ul style="list-style-type: none"> <li><input type="checkbox"/> Perform logon for OCG sessions (including Trading and Drop Copy sessions) by using production password.</li> </ul>

## 6 Emergency Arrangement - Activity Rundown for System Fallback on 18 March 2023

Time	
<b>18 March 2023 (Saturday)</b>	
<b>Software fallback for OCG/BSS (<a href="#">Emergency Arrangement Only</a>)</b>	
After 3:00pm	<p><b><u>Fallback Announcement</u></b>  <i>EPs should pay attention to the fallback announcement posted on HKEX website at the <a href="#">HKIDR web corner</a> if there is an unexpected incident during the Post Release Test and trading system needs to fallback to previous software version.</i></p> <p>For <b>OCG-C/BSS</b>:</p> <p><input type="checkbox"/> Fallback the BSS software to previous software version.</p>
<b>Verification of trading in OTP-C</b>	
Before 7:00pm	<p>For <b>OCG-C/BSS</b>:</p> <p><input type="checkbox"/> Perform logon for OCG-C sessions (including Trading and Drop-Copy sessions) by using production password.</p>
<b>Pre-opening Session (POS)</b>	
7:30pm - 8:00pm	<p><input type="checkbox"/> The POS consists of:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Order Input period (7:30pm - 7:45pm)</li> <li><input type="checkbox"/> No-cancellation Period (7:45pm - 7:50pm)</li> <li><input type="checkbox"/> Random Matching Period (7:50pm - 7:52pm [random matching start time])</li> <li><input type="checkbox"/> Order Matching (7:50pm [random start time] – completion of order matching [variable end time])</li> <li><input type="checkbox"/> Blocking Period (upon completion of order matching [variable end time time] - 8:00pm)</li> </ul> <p><input type="checkbox"/> Simulate real-life trading activities (in terms of transaction pattern and volume) during the Pre-opening Session.</p> <p><input type="checkbox"/> BSS users should check whether their BSS systems are successfully fallback and their operations are in proper order.</p>
<b>Continuous Trading Session</b>	
8:00pm - 8:50pm	<p><input type="checkbox"/> The continuous trading session consists of:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Without VCM monitoring (8:00pm - 8:15pm)</li> <li><input type="checkbox"/> With VCM monitoring (8:15pm - 8:30pm)</li> <li><input type="checkbox"/> Without VCM monitoring (8:30pm - 8:50pm)</li> </ul> <p><input type="checkbox"/> Simulate real-life trading activities (in terms of transaction pattern and volume) during the Continuous Trading Session.</p> <p><input type="checkbox"/> BSS users should check whether their BSS systems are successfully fallback and their operations are in proper order.</p>
<b>Closing Auction Session (CAS)</b>	
8:50pm - 9:00pm	<p><input type="checkbox"/> The CAS consists of:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Reference Price Fixing Period (8:50pm - 8:51pm)</li> <li><input type="checkbox"/> Order Input Period (8:51pm - 8:56pm)</li> <li><input type="checkbox"/> No-cancellation Period (8:56pm - 8:58pm)</li> <li><input type="checkbox"/> Random Closing Period (8:58pm - 9:00pm [random close time])</li> </ul>

Time	
	<ul style="list-style-type: none"> <li><input type="checkbox"/> Order Matching (8:58pm - completion of matching (variable end time))</li> <li><input type="checkbox"/> Day Close (upon completion of matching)</li> <li><input type="checkbox"/> Simulate real-life trading activities (in terms of transaction pattern and volume) during the Closing Auction Session.</li> <li><input type="checkbox"/> BSS users should check whether their BSS systems are successfully fallback and their operations are in proper order.</li> </ul>
<b>Day Close – upon completion of matching</b>	
9:00pm	For <b>OCG-C/BSS</b> : <ul style="list-style-type: none"> <li><input type="checkbox"/> Logout and terminate OCG-C session.</li> <li><input type="checkbox"/> Perform end-of-trading procedures, if any, to ensure database integrity.</li> <li><input type="checkbox"/> Clean up the transaction data (e.g. orders and trades) entered by BSS during the fallback test, if applicable.</li> <li><input type="checkbox"/> Restore the data and proper BSS production configuration for following Monday, if necessary.</li> </ul>
<b>20 March 2023 (Monday)</b>	
Before 8:30am	For <b>OCG-C/BSS</b> : <ul style="list-style-type: none"> <li><input type="checkbox"/> Perform logon for OCG-C sessions (including Trading and Drop-Copy sessions) by using production password.</li> </ul>