

HKEX INFORMATION SERVICES LIMITED

(A wholly-owned member of the Hong Kong Exchanges and Clearing Limited Group)

Market Rehearsal (MR) for Changes to OMD-D for HKATS / DCASS Upgrade

Market Rehearsal Connectivity Test	
Date:	2 Mar 2019 (Saturday) and 3 Mar 2019 (Sunday)
Systems:	OMD-D
Testing Scope:	<ul style="list-style-type: none"> ➤ Clients' connectivity to the upgraded version of OMD-D (Mandatory) ➤ Clients' connectivity to the existing production version of OMD-D after the above test (Optional)

Time (HKT)	Activities
Connectivity Test to the upgraded version of OMD-D (Mandatory)	
2 Mar 2019 (Saturday)	
13:00	Systems ready (Primary Site) <ul style="list-style-type: none"> - OMD-D Clients to establish connection to OMD-D on Primary Site to receive reference data and heartbeat messages from multicast channels (both real and refresh channels) - Establish the connection to OMD-D retransmission server on Primary Site
16:00	System shutdown and will be fallback to the existing production version
17:00	All Invited Clients: Complete an online Test Result Confirmation Form
Connectivity Test for existing production version of OMD-D (Optional)	
3 Mar 2019 (Sunday)	
09:00	Systems ready for production version (Primary Site) <ul style="list-style-type: none"> - OMD-D Clients to establish connection to OMD-D on Primary Site
11:00	Systems shutdown

Market Rehearsal Part A	
Date:	9 Mar 2019 (Saturday) and 10 Mar 2019 (Sunday)
Systems:	OMD-D
Testing Scope:	<ul style="list-style-type: none"> ➤ Clients' connectivity to the upgraded version of OMD-D in Primary and Secondary Sites (Mandatory) ➤ Handling on Volume Test (Mandatory) ➤ Clients' connectivity to the existing production version of OMD-D after the above tests (Optional)

Time (HKT)	Activities
Connectivity in Primary and Secondary Sites, and Handling on Volume to the upgraded version of OMD-D (Mandatory)	
9 Mar 2019 (Saturday)	
13:00	Systems ready (Primary Site) <ul style="list-style-type: none"> - OMD-D Clients to establish connection to OMD-D on Primary Site to receive OMD-D messages from multicast channels (both real and refresh channels) - Establish the connection to OMD-D retransmission server on Primary Site
13:45 – 14:00	Pre-Opening Session
14:00 – 15:00	Market Open
14:30 – 14:45	First Volume Test session
About 15:00	Simulation of Primary Site failure and site failover to the Secondary Site for Market Data and Trading systems <ul style="list-style-type: none"> - OMD-D failover from Primary Site to Secondary Site - OMD-D Clients execute their own contingency arrangement upon auto detection of OMD-D site failover
About 15:40	Systems located on the Secondary Site ready for connection <ul style="list-style-type: none"> - OMD-D Clients to connect to the OMD-D on Secondary Site automatically or manually depending on their emergency procedure <p><i>[HKEX-IS will update Invited OMD-D Clients on the readiness of OMD-D on Secondary Site]</i></p>
15:40 – 16:15	Pre-Opening Session
16:15	Market Open
16:30 – 16:45	Second Volume Test session
17:00	Market Close
17:15	After Hour Trading Session (“AHFT”) Market Open (T+1 session)
18:00	AHFT Close (T+1 session)
19:00	All Invited Clients: Complete an online Test Result Confirmation Form
Connectivity Test for existing production version of OMD-D (Optional)	
10 Mar 2019 (Sunday)	
09:00	Systems ready for production version (Primary Site) <ul style="list-style-type: none"> - OMD-D Clients to establish connection to OMD-D on Primary Site
11:00	Systems shutdown

Market Rehearsal Part B	
Date:	16 Mar 2019 (Saturday) and 17 Mar 2019 (Sunday)
Systems:	OMD-D
Testing Scope:	<ul style="list-style-type: none"> ➤ Handling on 5 Characters of HKATS Root Symbol and Weekly Index Options (Mandatory) ➤ Clients' connectivity to the existing production version of OMD-D after the above test (Optional)

Time (HKT)	Activities
Handling on 5 Characters of HKATS Root Symbol and Weekly Index Options (Mandatory)	
16 Mar 2019	
13:00	Systems ready (Primary Site) <ul style="list-style-type: none"> - OMD-D Clients to establish connection to OMD-D on Primary Site to receive OMD-D messages from multicast channels (both real and refresh channels) - Establish the connection to OMD-D retransmission server on Primary Site
13:45 – 14:00	Pre-Opening Session
14:00 – 15:30	Market Open
15:30	Market Close
15:45	After Hour Trading Session (“AHFT”) Market Open (T+1 session)
17:00	AHFT Close (T+1 session)
18:00	All Invited Clients: Complete an online Test Result Confirmation Form
Connectivity Test for existing production version of OMD-D (Optional)	
17 Mar 2019	
09:00	Systems ready for production version (Primary Site) <ul style="list-style-type: none"> - OMD-D Clients to establish connection to OMD-D on Primary Site
11:00	Systems shutdown

Important Notes to Clients:

1. For fault reporting, please call our Connectivity Project & Support Hotline at **(852) 2211 6558** during the test session / **(852) 9183 8966** out of the test session.
2. All messages disseminated during the testing period should be treated as non-production data and have to be cleaned up afterwards.