Site Failover Rehearsal for Market Data Systems on 18 April 2015 (Saturday)

Systems: OMD-C & MMDH

Activities	
Time (HKT)	
08:00	Systems ready for connection (Primary Site) - **OMD-C** Clients to establish connection to OMD-C on Primary Site - **MMDH** Clients to establish connection to MMDH on Primary Site
10:30	Start of Pre-Opening Session
11:00	Start of Continuous Trading Session
About 11:30	Simulation of primary site failure and site failover to the secondary sites for Market Data and Trading Systems - **OMD-C** failover from Primary Site to Secondary Site will start - **OMD-C** Clients may execute their own contingency arrangement upon auto detection of OMD-C site failover - **MMDH** will be shut down in order to make connection to the OMD-C servers located on Secondary Site - **MMDH** Clients will be disconnected temporarily
12:30	Systems located on the secondary sites ready for connection - **OMD-C** Clients to connect to the OMD-C on Secondary Site automatically or manually depending on their emergency procedure *[HKEx-IS will update OMD-C Clients on the readiness of OMD-C on Secondary Site]* - **MMDH** will be restarted upon connection to the OMD-C servers on Secondary Site - **MMDH** Clients to reestablish connection to the MMDH Primary Site *[HKEx-IS will announce service resumption of MMDH and advise clients to reconnect to MMDH servers]*
12:30	Start of Order Cancel Session
13:00	Start of Continuous Trading Session
13:35	Day Close
14:35	Systems will start to switch back from the secondary sites to the primary site thereupon MMDH will be shut down to reconnect to the OMD-C on Primary Site and thus MMDH Clients will be disconnected temporarily
Time (HKT)	**Connectivity test for the Primary Site**
18:00	Systems ready for connection (Primary Site) - **OMD-C** Clients to establish connection to the OMD-C Primary Site - **MMDH** Clients to establish connection to the MMDH Primary Site Continuous Trading Session
20:35	Systems shutdown
21:00	All participating Clients: Return the duly completed Test Result Confirmation Form by email, IVSupport@hkex.com.hk

System: IIS

Activities	
Time (HKT)	
10:00	Systems ready for Logon (Primary Site) - **IIS** Clients to establish connection to IIS on Primary Site
About 11:30	Simulation of primary site failure and site failover to the backup site
12:00	Systems ready for Logon (Backup Site) **IIS** Clients to establish connection to IIS on Backup Site *[HKEx-IS will update IIS clients on the readiness of IIS on Backup Site]*
13:15	Systems shutdown
15:00	Systems will start to switch back from Backup Site to Primary Site
Time (HKT)	**Connectivity test for the Primary Site**
18:30	Systems ready for Logon (Primary Site) - **IIS** Clients to establish connection to IIS on Primary Site
21:00	Systems shutdown All participating Clients: Return the duly completed Test Result Confirmation Form by email, IVSupport@hkex.com.hk

System: OMD-D

Activities	
Time (HKT)	
09:00	Systems ready for connection (Primary Site) - **OMD-D** Clients to establish connection to OMD-D on Primary Site
10:15	Pre-Market Activities
10:45	Market Open
About 11:30	Simulation of primary site failure and site failover to the secondary sites for Market Data and Trading Systems - **OMD-D** failover from Primary Site to Secondary Site will start - **OMD-D** Clients may execute their own contingency arrangement upon auto detection of OMD-D site failover
12:00	Systems located on the secondary sites ready for connection - **OMD-D** Clients to connect to the OMD-D on Secondary Site automatically or manually depending on their emergency procedure *[HKEx-IS will update OMD-D clients on the readiness of OMD-D on Secondary Site]*
12:25	Pre-Market Activities
12:45	Market Open
13:30	Market Close
13:45	AHFT Market Open (T+1 session)
14:15	AHFT Close (T+1 session)
15:30	Systems will start to switch back from Secondary Site to Primary Site
Time (HKT)	**Connectivity test for the Primary Site**
18:30	Systems ready for connection (Primary Site) - **OMD-D** Clients to establish connection to the OMD-D Primary Site
21:00	Systems shutdown All participating Clients: Return the duly completed Test Result Confirmation Form by email, IVSupport@hkex.com.hk

Important Notes to Clients:
1. For fault reporting, please call our Vendor 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.
3. Contingency Arrangements upon issuance of Typhoon and/or Rainstorm Warning Signal on the day of the test:
    a. In case Typhoon Signal No. 8 or above and / or Black Rainstorm Warning is issued or continues to be issued after 07:00 on the test day, the test will be cancelled and will not be resumed for the rest of the day.
    b. In case Typhoon Signal No. 8 or above is issued after 09:00 on the test day, the test will be terminated 15 minutes thereafter.
    c. In case Black Rainstorm Warning is issued after 09:00 on the test day, the test will continue until completion.
    d. In any case, all participating Vendors should complete the appropriate day-end works including file / database backup, system restoration / fallback and etc before, during and / or after the test.