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Regular Data Centre Failover Rehearsal for Market Data Systems

Date: 21 November 2026 (Saturday)

Systems: Orion Market Data Platform – Securities (OMD-C), Index Datafeed (IDX) and Mainland Market Data Hub (MMDH)

Time (HKT)	Activity	Action – for participating OMD-C and MMDH Clients
Date: 21 November 2026 (Saturday)		
Data Centre Failover Rehearsal		
10:30	**OMD-C and IDX** are ready for connection in Primary Data Centre MMDH is ready for connection in Primary Data Centre and Secondary Data Centre	• **OMD-C and IDX** Clients to connect to OMD-C / IDX and receive messages in Primary Data Centre. • **MMDH** Clients to connect MMDH and receive messages in Primary Data Centre and Secondary Data Centre • All of the 4 OMD-C and 4 IDX retransmission servers are available for OMD-C and IDX Clients to connect.
11:30 – 12:00	Pre-Opening Session	
12:00 – 12:30	Continuous Trading Session	

Time (HKT)	Activity	Action – for participating OMD-C and MMDH Clients
Anytime between 12:15 and 12:30	Simulation of Primary Data Centre service outage and failover to Secondary Data Centre for Market Data and Trading System: - Failover **OMD-C and IDX** from Primary Data Centre to Secondary Data Centre *[We will simulate the notification of incident to OMD-C, IDX & MMDH Clients and advise Clients to stay alert to HKEX's announcement on the trading arrangement and service resumption.* ***Emails for rehearsal will all be tagged with "Regular Data Centre Failover on 21 November 2026" in the email subject.*** *]*	• **OMD-C** and **IDX** Clients to execute their contingency arrangement upon the detection of OMD-C Data Centre failover by the receipt of DR Status "1" (DR in progress) in DR Signal (105) message. • **MMDH** Clients' connectivity would not be impacted and would continuously receive heartbeat messages **only** during site failover.
Around 13:30	**OMD-C and IDX** located in Secondary Data Centre is ready for connection *[We will notify OMD-C, IDX & MMDH Clients on the readiness of OMD-C and IDX in Secondary Data Centre and the trading arrangement]*	• **OMD-C** and **IDX** Clients to connect to the OMD-C in Secondary Data Centre upon receiving DR Status "2" (DR completed) in DR Signal (105) message.
13:45	Order Cancel Session	• **OMD-C, IDX** and **MMDH** Clients to check if OMD-C / IDX / MMDH messages can be received and processed normally after data Centre failover. • Only 2 OMD-C and 2 IDX retransmission servers located at Secondary Data Centre are available for OMD-C and IDX Clients to connect.
14:00 – 15:00	Continuous Trading Session	
15:00 – 15:10	Closing Auction Session	
Upon completion of Matching ~15:10	Day Close	

Time (HKT)	Activity	Action – for participating OMD-C and MMDH Clients
15:30	End of Rehearsal - **OMD-C and IDX** will switch back to Primary Data Centre.	• **OMD-C, IDX** and **MMDH** Clients to take appropriate actions to clean all test messages disseminated during the rehearsal period.
Result Confirmation		
Before 17:00	**OMD-C and MMDH Clients please confirm your rehearsal result by completing the Rehearsal Result Online Confirmation Form**	
Connectivity Test for Reconnecting to the Primary Data Centre (Optional)		
21:30 – 00:00	**OMD-C and IDX** are ready for connection in Primary Data Centre MMDH is ready for connection in Primary Data Centre and Secondary Data Center	• **OMD-C and IDX** Clients to connect to OMD-C / IDX in Primary Data Centre. • **MMDH** Clients to connect to MMDH in Primary Data Centre and Secondary Data Centre.
00:00	**OMD-C, IDX and MMDH** shutdown	• **OMD-C, IDX** and **MMDH** Clients to take appropriate actions to clean all messages received from OMD-C / IDX / MMDH during the rehearsal period.

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System: Orion Market Data Platform – Derivatives (OMD-D) and Index Datafeed (IDX)

Time (HKT)	Activity	Action – for participating OMD-D Clients
Date: 21 November 2026 (Saturday)		
Data Centre Failover Rehearsal		
11:30	**OMD-D & IDX** are ready for connection in Primary Data Centre	• **OMD-D** and **IDX** Clients to connect to OMD-D / IDX and receiving messages in Primary Data Centre • All of the 4 OMD-D and 4 IDX retransmission servers are available for OMD-D Clients to connect.
11:45 – 12:00	Market Pre-Open	
12:00 – 12:30	Market Open	
Anytime between 12:15 and 12:30	Simulation of Primary Data Centre service outage and failover to Secondary Data Centre for Market Data and Trading System - Failover **OMD-D** and **IDX** from Primary Data Centre to Secondary Data Centre *[We will simulate the notification of incident to OMD-D and IDX Clients and advise Clients to stay alert to HKEX's announcement on the trading arrangement and service resumption.* ***Emails for rehearsal will all be tagged with "Regular Data Centre Failover on 21 November 2026" in the email subject.****]*	• **OMD-D** and **IDX** Clients to execute their contingency arrangement upon the detection of OMD-D Data Centre failover by the receipt of DR Status "1" (DR in progress) in DR Signal (105) message.
Around 13:10	**OMD-D** located in Secondary Data Centre is ready for connection *[We will notify OMD-D Clients on the readiness of OMD-D in Secondary Data Centre and the trading arrangement]*	• **OMD-D** and **IDX** Clients to connect to the OMD-D in Secondary Data Centre upon receiving DR Status "2" (DR completed) in DR Signal (105) message.
13:35 – 13:45	Market Pre-Open	• **OMD-D** and **IDX** Clients to check if OMD-D / IDX messages can be received and processed normally after

Time (HKT)	Activity	Action – for participating OMD-D Clients
13:45 – 15:15	Market Open	data Centre failover. • Only 2 OMD-D and 2 IDX retransmission servers located at Secondary Data Centre are available for OMD-D and IDX Clients to connect. • **IDX** will switch back to Primary Data Centre at 15:30. IDX Clients to take appropriate actions to clean all test messages disseminated during the rehearsal period. ** IDX will be available in Primary Data Centre for connection from 21:30 to 00:00*
15:15	Market Close	
15:30 – 16:00	After Hour Trading Session ("AHT") Market Open (T+1 session)	
16:00	AHT Close (T+1 session)	
16:15	End of Rehearsal - OMD-D will switch back to Primary Data Centre	• **OMD-D** Clients to take appropriate actions to clean all test messages disseminated during the rehearsal period.
Result Confirmation		
Before 17:00	**OMD-D Clients please confirm your rehearsal result by completing the Rehearsal Result Online Confirmation Form**	
Date: 22 November 2026 (Sunday)		
Connectivity Test for Reconnecting to the Primary Data Centre (Optional)		
09:00 -- 11:00	**OMD-D** ready for connection in Primary Data Centre	• **OMD-D** Clients to connect to OMD-D in Primary Data Centre.
11:00	**OMD-D** shutdown	• **OMD-D** Clients to take appropriate actions to clean all messages received from OMD-D during the rehearsal period.

System: Orion Market Data Platform – China Connect (OMD-CC)

Time (HKT)	Activity	Action – for participating OMD-CC Clients
Date: 21 November 2026 (Saturday)		
Data Centre Failover Rehearsal		
10:30	**OMD-CC** is ready for connection in Primary Data Centre	• **OMD-CC** Clients to connect to OMD-CC and receive OMD-CC messages in Primary Data Centre
11:00 – 11:30	Continuous Auction Session	
11:30	Mid-day Close	
Anytime between 12:15 and 12:30	Simulation of Primary Data Centre service outage and failover to Secondary Data Centre for Market Data system: - Failover **OMD-CC** to Secondary Data Centre *[We will simulate the notification of incident to OMD-CC Clients and advise Clients to stay alert to HKEX's announcement on the service resumption.* ***Emails for rehearsal will all be tagged with "Regular Data Centre Failover on 21 November 2026" in the email subject.****]*	• **OMD-CC** Clients to execute their contingency arrangement upon the detection of OMD-CC Data Centre failover by the receipt of DR Status "1" (DR in progress) in DR Signal (105) message.
Around 13:30	**OMD-CC** located in Secondary Data Centre is ready for connection *[We will notify OMD-CC Clients on the readiness of OMD-CC in Secondary Data Centre]*	• **OMD-CC** Clients to connect to the OMD-CC in Secondary Data Centre upon the receipt of DR Status "2" (DR completed) in DR Signal (105) message.
14:00 – 15:00	Continuous Auction Session	

Time (HKT)	Activity	Action – for participating OMD-CC Clients
15:00 – 15:05	Exchange Intervention	• **OMD-CC** Clients to check if OMD-CC messages can be received and processed normally after failover to Secondary Data Centre.
15:05	Day Close	
15:30	End of Rehearsal - **OMD-CC** will switch back to Primary Data Centre	• **OMD-CC** Clients to take appropriate actions to clean all test messages disseminated during the rehearsal period.
Result Confirmation		
Before 17:00	**Please confirm your test result by completing the Rehearsal Result Online Confirmation Form**	
Connectivity Test for Reconnecting to the Primary Data Centre (Optional)		
21:30 – 00:00	**OMD-CC** is ready for connection in Primary Data Centre	• **OMD-CC** Clients to connect to OMD-CC in Primary Data Centre.
00:00	**OMD-CC** shutdown	• **OMD-CC** Clients to take appropriate actions to clean all messages disseminated from OMD-CC during the testing period

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System: Issuer Information feed Service (IIS)

Time (HKT)	Activity	Action – for participating IIS Clients
Date: 21 November 2026 (Saturday)		
Data Centre Failover Rehearsal		
10:30	**IIS** is ready for logon in Primary Data Centre and Secondary Data Centre	• **IIS Clients** to connect to IIS in Primary Data Centre and/or Secondary Data Centre and receive testing news and attachments.
10:30 – 12:30	**IIS** disseminates testing news in Primary Data Centre and Secondary Data Centre.	
Anytime between 12:15 and 12:30	Simulation of Primary Data Centre service outage and failover to Secondary Centre Data: - Failover **IIS** from Primary Data Centre to Secondary Data Centre *[We will simulate the notification of incident to IIS Clients and advise Clients to stay alert to HKEX's announcement on the service resumption.* ***Emails for rehearsal will all be tagged with "Regular Data Centre Failover on 21 November 2026" in the email subject.****]*	• **IIS Clients** to execute their contingency arrangement upon notification.
Around 13:00	**IIS** located in Secondary Data Centre is ready for connection *[We will notify IIS clients on the readiness of IIS in Secondary Data Centre]*	• **IIS Clients** to connect to the IIS in Secondary Data Centre.
13:30 – 14:30	**IIS** disseminates testing news in Secondary Data Centre	• **IIS Clients** to check if testing news and attachments can be received and processed normally after failover to Secondary data Centre.
15:30	End of Rehearsal - **IIS** will switch back to Primary Data Centre	• **IIS Clients** to take appropriate actions to clean all test messages disseminated during the rehearsal period.

Time (HKT)	Activity	Action – for participating IIS Clients
Result Confirmation		
Before 17:00	**IIS Clients please confirm your test result by completing the Rehearsal Result Online Confirmation Form**	
Connectivity Test for Reconnecting to the Primary Data Centre (Optional)		
21:00 – 22:00	**IIS** is ready for logon in Primary Data Centre and/or Secondary Data Centre	• **IIS Clients** to connect to IIS in Primary Data Centre and/or Secondary Data Centre.
22:00	**IIS** shutdown	• **IIS Clients** to take appropriate actions to clean all test messages disseminated during the testing period.

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Important Notes to Clients:

1. For fault reporting, please call our Connectivity Project & Support Hotline at (852) 2211 6558 during the drill.

2. All messages disseminated during the testing period should be treated as non-production data and should be cleaned after the drill.

3. In any case, all participating Clients should complete the appropriate day-end works including file / database backup, system restoration / fallback and etc. before, during and / or after the drill.

4. Contingency Arrangements on Typhoon, Extreme Conditions and Rainstorm Warning on the day of the drill:

    a. In case Typhoon Signal No. 8 or above or Extreme Conditions or Black Rainstorm Warning is issued/ announced or continues to be in force at or after 09:00 on the drill day, the drill 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 on or after 09:00 on the drill day, the drill will be terminated 15 minutes thereafter.
    c. In case Black Rainstorm Warning is issued during the drill, the drill will continue until completion.
    d. In any case, all participating Clients should complete the appropriate day-end works including file / database backup, system restoration / fallback and etc. before, during and / or after the drill.