

**HKEX INFORMATION SERVICES LIMITED**

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

11 January 2017  
Our Ref: MDD/17/069

**By Email**

**To: All Market Data Vendors and End-Users (collectively “Clients”)**

Dear Sirs,

**Planned Enhancements to Market Data Systems for 2017**

We would like to inform you of the upcoming enhancements to Market Data Systems planned for 2017 and their tentative implementation schedules. Please find the details in the table below:

**HKEX Orion Market Data Platform –Securities Market (OMD-C) Only**

<b>Tentative Schedule</b>	<b>Planned Enhancement</b>	<b>Description and Planned Activities</b>
Q2 2017	Dissemination of Northbound and Southbound Trading Statistics of Shanghai-Hong Kong Stock Connect and Shenzhen-Hong Kong Stock Connect via OMD-C	<p>OMD-C will be enhanced to provide the updates on northbound and southbound trading statistics during trading hours under Shanghai-Hong Kong Stock Connect and Shenzhen-Hong Kong Stock Connect which are currently available on HKEX’s website.</p> <p>A Market Rehearsal will be held in the first half of 2017 tentatively to enable direct connection OMD-C Clients to ensure the capability of their systems of handling the newly provided information.</p> <p>Further details including technical specifications and the implementation schedule will be provided in due course.</p>
2H 2017	Data Enrichment for OMD-C	<p>OMD-C will be enhanced to carry more trading and market information of HKEX’s Securities Market in late 2017. This is considered a minor change to OMD-C clients as the formats of existing OMD-C messages will mostly remain unchanged.</p> <p>More details are expected to be available in early 2017.</p>

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**HKEX Orion Market Data Platform – Derivatives Market (OMD-D) Only:**

Tentative Schedule	Planned Enhancement	Description and Planned Activities
Q2 2017	HKATS Load Rehearsal	<p>Similar to the previous years, HKEX will arrange a Load Test in the second quarter of 2017 for the Exchange Participants (EPs) of its Derivatives Market to verify the robustness of their trading systems under high volume of order and trade activities,</p> <p>OMD-D will be operating during the Load Rehearsal to disseminate the test data from the Load Rehearsal to the EPs. Information Vendors (IVs) are also recommended to participate in the Load Test to verify their systems under high data volume.</p> <p>Details of the test including the schedule will be provided in the first quarter of 2017.</p>
2H 2018	<p>Trading and Clearing System Upgrade for the Derivatives Market; and</p> <p>System Readiness for HKATS Root Symbol (underlying code) Supporting up to 5 Characters</p>	<p>HKEX plans to upgrade the trading system (HKATS) and the clearing system (DCASS) of its Derivatives Market in the second half of 2018 to support the on-going market development.</p> <p>HKEX also plans to increase the length of HKATS Root Symbol (i.e. Trading Symbol of a product) from 3 characters to 5 characters in the second half of 2018 to support the future growth of the Derivatives Market.</p> <p>Data transmission via OMD-D will reflect the changes in the trading and clearing systems due to the upgrade. As for the increase of the length of Trading Symbol, there is no need to modify OMD-D to cater for it. Nonetheless, OMD-D Clients should review their systems and ensure their readiness for 5-character symbols in time.</p> <p>Further updates will be provided in the second half of 2017.</p>

**Both OMD-C and OMD-D:**

Tentative Schedule	Planned Enhancement	Description and Planned Activities
Q1 2017	Implementation of the New Mechanism for Disaster Recovery (DR) Site Failover	<p>Reference is made to our notice of 4 January 2017 (Our Ref: MDD/17/007) providing the updated schedule of the Simulation Test Sessions for the Introduction of New Disaster Recovery (DR) Mechanism for HKEX Orion Market Data Platform (OMD).</p> <p>Please be reminded that <b>Simulation Test Sessions</b> will be held in <b><u>4 February 2017 (Saturday)</u></b> and <b><u>18 February 2017 (Saturday)</u></b> to enable Clients to verify the DR handling of their systems after the full implementation of the new DR mechanism where existing DR mechanism (dissemination of Sequence Reset message to signify a failover to the DR site ) will be terminated in the production environment.</p> <p>Details of the Simulation Test Sessions will be provided in due course.</p>
Q2/Q3 2017	Operating System (OS) Upgrade	<p>As an on-going system upkeep, the OS of OMD-C, MMDH and OMD-D will be upgraded to an updated version in 2017.</p> <p>The OS Upgrade should be transparent to Clients. As previous years, Market Rehearsals will be held to enable OMD-C (including MMDH) and OMD-D Clients to ensure that their systems connecting to OMD-C and OMD-D respectively will run as normal after the OS upgrade.</p> <p>Details of the testing schedule will be provided in early 2017.</p>

Should you have any queries, please contact us at (852) 2211 6558 or send your questions to [IVSupport@hkex.com.hk](mailto:IVSupport@hkex.com.hk).

Yours sincerely,

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