

**HKEX INFORMATION SERVICES LIMITED**

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

05 July 2017  
Our Ref: MDD/17/726

**By Email**

**To: Derivatives Market Data Vendors, End Users and Application Service Providers  
(Collectively “Clients”)  
Independent Software Vendors (“ISVs”)**

Dear Sirs,

**Changes to HKEX Orion Market Data Platform - Derivatives Market (OMD-D) for 2018:  
(A) Introduction of New Market State; and (B) HKATS and DCASS Upgrade**

We would like to inform you of the following upcoming changes to OMD-D planned for 2018.

**(A) Introduction of New Market State**

A new market state “28” for “SUSPEND” (this description is subject to change) may be introduced in the **first quarter of 2018** the earliest. Initially, this market state will be used at **Series Level** (i.e. as Instrument Session State, or ISS). Clients and ISVs are requested to review their applications and ensure this new market state would not adversely affect the applications when put in use. A set of canned data with this new ISS will be distributed to Clients and ISVs in the third quarter of 2017.

Clients and ISVs are reminded to avoid any hardcoding when processing market states and ensure that their applications will not be affected when HKEX introduces new market states to reflect new Trading Session States (TSS) or ISS.

For more details about TSS and ISS, please read the respective section in the OMD-D Developers Guide (Section 5.2.3.1) of which a revised version is enclosed for your reference.

**(B) HKATS/DCASS Upgrade**

Following the briefings on HKATS and DCASS Upgrade (“HKATS/DCASS Upgrade”) in June this year, we would like to provide you more details about the changes to OMD-D for this initiative of HKEX. The changes will be done in two phases with the scopes summarised below.

<b>Phase 1 - Rollout : 2<sup>nd</sup> Quarter (Q2) 2018</b>	<b>Phase 2 - Rollout : 3<sup>rd</sup> Quarter (Q3) 2018</b>
<ul style="list-style-type: none"><li>• Addition of new reference data including HKATS Root Symbol (also known as Underlying Code) and Tick Size, etc.</li><li>• Addition of spaces as fillers reserved for possible addition of new data fields introduced in HKATS/DCASS Upgrade</li><li>• Interface Specification enclosed</li></ul>	<ul style="list-style-type: none"><li>• Changes for the HKATS/DCASS Upgrade, which can be addition of new data fields, new attributes or new usages of existing fields, etc.</li><li>• Interface Specification and other technical documents, if any, to be provided in September 2017</li></ul>

Please see the table below for the tentative implementation schedule of the two phases:

Activity	Phase 1	Phase 2
Provision of Interface Specification and other technical documents	July 2017, completed	September 2017
Provision of Canned Data / Readiness Test Environment	Q4 2017	Q1 2018
Completion of Test by Clients and ISVs	Q1 2018	Q2 2018
Market Rehearsal	Q1 2018	Early Q3 2018
Production Rollout	Early Q2 2018	Late Q3 2018

Please refer to the enclosed OMD-D Interface Specification (Version 1.20) for details of the changes for the introduction of the new market state and Phase 1 of the HKATS/DCASS Upgrade. The changes are summarised in the change history and highlighted with “|” on the right margin in the document for your easier reference.

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,

Karen Lam  
Vice President  
Data Connectivity & Support, Market Data  
Markets Division

Enclosure: 1) OMD-D Interface Specification v1.20  
2) OMD-D Developers Guide v 1.15