

香港交易所資訊服務有限公司
(香港交易及結算所有限公司全資附屬公司)

HKEX INFORMATION SERVICES LIMITED
(A wholly-owned subsidiary of Hong Kong Exchanges and Clearing Limited)

16 January 2023
Our Ref: MDD/23/035

By Email

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

Copy: Indirect Connection Derivatives Market Data Vendors and End Users

Market Rehearsals for Compression Mechanism on HKEX Orion Market Data Platform - Derivatives Market (OMD-D) DS (SOM) Datafeed

With reference to our client notices issued on 13 October 2022 (Ref: [MDD/22/698](#)) and 9 December 2022 (Ref: [MDD/22/823](#)) for the implementation of compression mechanism on OMD-D Derivatives Standard (“DS”) (SOM) Datafeed, please be informed two Market Rehearsals (MRs) will be arranged as below.

Activity	Schedule	Participation (Direct Connection Clients)	
		DS (SOM) Clients	DS (Non-SOM only), Derivatives-Lite (D-Lite), Derivatives Premium (DP) & Derivatives FullTick (DF) Clients
Market Rehearsal 1 (MR1)	18 February 2023 (Saturday)	Mandatory	Optional, but highly recommended
Market Rehearsal 2 (MR2)	25 February 2023 (Saturday)	Mandatory for those Clients who failed the MR1	
PRT and Production Launch	March 2023 (tentatively)	Mandatory	Optional, but highly recommended

To confirm your participation in the MR1, please complete the [Online Test Participation Form](#) **on or before 8 February 2023 (Wednesday)**. The test rundown will be provided to the participating clients by 13 February 2023 (Monday).

Stabilization Period Arrangement

During the stabilization period after the rollout of the compression mechanism on OMD-D DS, the compression mechanism for DS will be enabled in the primary site of OMD-D only whereas the compression mechanism will be disabled in the DR site. Compression mechanism on OMD-D D-Lite will remain enabled as in the current production.

In the event of DR site failover, DS (SOM) Clients would observe the Compression Mode changes from “1” (i.e. compression applied) to “0” (i.e. no compression applied) in the packet header

disseminated in Channels 135 and 635, as well as the Retransmission Service for Channel 135. In this case, decompression process on the messages would not need to be applied.

This contingency arrangement will also be simulated during the MR.

Readiness Declaration

We would like to remind you that **all direct connection OMD-D DS (both SOM and Non SOM) Clients and ISVs** are **mandatory** to declare the readiness **on or before 31 January 2023** by submitting the declaration via [Online Declaration Form](#).

Clients using ISV's application could submit the readiness declaration through your ISV(s).

For ISVs, please also submit on behalf of your client(s) by returning the [Client Report under Test Service](#).

Indirect Connection OMD-D Clients should closely liaise with their feed providing vendors or application service providers for all necessary arrangements to ensure their readiness for the compression mechanism.

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

Ken KC Wong
Vice President
Data Connectivity & Support, Market Data
Operations Division