

香港交易所資訊服務(中國)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 (CHINA) LIMITED

(A wholly-owned subsidiary of Hong Kong Exchanges and Clearing Limited)

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Our Ref: MDD/24/335_C

By Email

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

Copy: Indirect Connection Securities and Derivatives Market Data Vendors and End Users

HKEX Orion Market Data Platform (OMD) Index Datafeed Enhancement

With reference to our Client Notice issued on 18 December 2023 (Our Ref: [MDD/23/1677_C](#)), an enhancement on the OMD Index datafeed (“IDX”) is planned to be effective in **September 2024 tentatively**.

The enhancement on IDX aims to enhance the efficiency for potential index expansion and business demands in the future. Upon the implementation of this enhancement, new retransmission servers dedicated for IDX will be introduced. Therefore, Clients, who are subscribing IDX, will be required to connect to the new retransmission servers for recovering the OMD messages of all index channels (i.e. Channels 41 – 43) when necessary.

Nevertheless, there is no functional change in the message handling and no change in the multicast connectivity for both real-time and refresh services. In addition, retransmission servers for non-index channels remain unchanged.

Please see the change highlights in the following table:

Area	Change Highlights	Client Action
Retransmission Service <u>for all Index Channels (i.e. Channels 41 – 43)</u>	<ul style="list-style-type: none">• New retransmission servers with <u>new IP addresses</u> dedicated for recovering OMD messages of all index channels (i.e. Channels 41 – 43)• Four retransmission servers at Primary Site and Secondary Site are available for connection	<ul style="list-style-type: none">• Set up connectivity to the new retransmission servers according to the details in the OMD-C / OMD-D Connectivity Guide• Use the existing retransmission username(s) to logon to new retransmission servers
Retransmission Service <u>for Non-Index Channels</u>	No Change	

Real-time and Refresh Multicast Connectivity	No Change
OMD Index Message Handling	No Change

Enclosed are the updated OMD-C Connectivity Guide (version 2.7), OMD-D Connectivity Guide (version 1.20), OMD-C Developers Guide (version 1.14) and OMD-D Developers Guide (version 1.27) for the connectivity details of the new retransmission servers for index channels and some clarifications on IDX. All document changes are summarised in the change history and highlighted with “|” on the left margin in the documents.

Implementation Schedule

The tentative schedule for testing and rollout activities are listed below:

Tentative Schedule	Event	Client Action
Mid-June 2024	Provision of Readiness Test Environment	<p>Clients, who have OMD testing connections, can connect to OMD Readiness Test Environment to conduct testing.</p> <p>The relevant OMD Readiness Test material will be posted on OMD-C and OMD-D web corner.</p> <p>The provisioning date of the readiness test environment will be further announced in June 2024.</p>
31 July 2024	Submission of System Impact and Readiness Declaration	<p><u>All OMD-C and OMD-D Clients, and ISVs subscribing IDX</u> should assess the system impact, and are <u>mandatory</u> to submit your impact and readiness declaration by 31 July 2024.</p> <p>The link of the Online Declaration Form will be provided in June 2024</p>
August 2024	Practice Session (“PS”)	<p><u>Optional, but highly recommended</u> for Clients subscribing IDX to participate in the PS to ensure the readiness before joining the market rehearsal</p>

Tentative Schedule	Event	Client Action
		PS schedule and details will be provided in July 2024
August 2024	Market Rehearsal ("MR")	<p><u>Mandatory to OMD-C and OMD-D Data Vendors and ASPs subscribing IDX</u></p> <p>Optional to OMD-C and OMD-D End Users subscribing IDX.</p> <p>MR schedule and details will be provided in July 2024</p>
September 2024 (Subject to the successful completion of MR)	Post Release Test ("PRT") and Production Rollout	<p><u>Mandatory to OMD-C and OMD-D Data Vendors and ASPs subscribing IDX</u></p> <p>Optional to OMD-C and OMD-D End Users subscribing IDX.</p> <p>PRT and production rollout schedule will be provided in due course.</p>

Clients are suggested to review their network and applications for the aforementioned changes and make necessary changes before participating in the mandatory MR in order to verify the changes during the MR.

Direct Connection Clients of Mainland Market Data Hub ("MMDH") should be noted that MMDH is not in the scope for this IDX enhancement and is therefore not necessary to submit the declaration form and participate in MR and PRT.

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

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Enclosures: 1) OMD-C Connectivity Guide (version 2.7)
2) OMD-D Connectivity Guide (version 1.20)
3) OMD-C Developers Guide (version 1.14)
4) OMD-D Developers Guide (version 1.27)