

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)

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Our Ref: MDD/19/1403

By Email

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

Copy: Indirect Connection Market Data Vendors and End Users

Planned Activities / Initiatives In Relation to Market Data Systems for 2020

We would like to inform you the planned activities / initiatives in relation to Market Data Systems¹ for 2020 and the tentative schedules. Please refer to the information provided in the table below for your planning in 2020. Please note, in case there are other initiatives introduced, we will communicate in due course.

Market Data Service for Securities Market Only (OMD-C):

Tentative Schedule	Planned Activity / Initiative	Details
20 Jan 2020	Launch of Technical Refresh version	The Post Release Test for Technical Refresh will be held on 18 January 2020 and the new Technical Refresh version will go live on 20 January 2020. Please refer to the Client Notice of 28 November 2019 for more details.
Feb 2020	New Spread Table Codes	New spread table codes will be introduced for Inline Warrants, as well as Exchange Traded Funds and Leveraged and Inverse Products in the Securities Market. For the effective dates, please refer to the Client Notices of 31 October 2019 and 4 December 2019 published on the HKEX website for more details of the introduction of new spread table codes.
Q2 2020	Volatility Control Mechanism (VCM) Enhancement	HKEX plans to enhance the VCM in its Securities Market. Please refer to the Participant Circular of 13 December 2019 published on the HKEX website for more details of the VCM enhancements in the Securities Market.

Tentative Schedule	Planned Activity / Initiative	Details
Q3 2020	OMD-C Resilience Enhancement	<p>HKEX will conduct a review on the existing technical resilience design in OMD-C with the aim of enhancing the efficiency on handling the event of a disaster recovery situation.</p> <p>Further details will be provided in the first quarter of 2020.</p>
2H 2020	Pre-Opening Session (POS) Enhancements	<p>HKEX plans to enhance the POS in its Securities Market.</p> <p>Please refer to the Participant Circular of 13 December 2019 published on the HKEX website for more details of the POS enhancements in the Securities Market.</p> <p>More details on changes to OMD-C, <i>if any</i>, will be provided in the first half of 2020.</p>

Market Data Service for Derivatives Market Only (OMD-D):

Tentative Schedule	Planned Activity / Initiative	Details
13 Jan 2020	Discontinuation of Disseminating Estimated Average Settlement (EAS) Price Message	<p>The Post Release Test for Discontinuation of Disseminating EAS Price Message will be held on 4 and 11 January 2020. EAS Price Message will not be published in OMD-D primary site and DR site starting from 6 January 2020 and 13 January 2020 respectively.</p> <p>Please refer to the Client Notice of 25 November 2019 for more details.</p>
2H 2020	Technical Refresh and Relocation of Backup Site	<p>In order to keep the IT infrastructure of Market Data Systems robust and stable, an OMD-D Technical Refresh, includes the hardware refreshment, Operating System (OS) upgrade, software architecture update, and DR Site relocation will be conducted in the second half of 2020.</p> <p>A functional change on the refresh service for Market Alert (323) message will also be included in the OMD-D Technical Refresh. In case more than 400 Market Alert (323) messages are disseminated in the trading day, the first 400 Market Alert (323) messages at the maximum will be published from the refresh service in the current production setting. After the OMD-D Technical Refresh, the last 400 Market Alert (323) messages will be published from the refresh service instead.</p> <p>Market Rehearsals will be arranged to allow Clients to verify that their systems connecting to OMD-D will run as</p>

Tentative Schedule	Planned Activity / Initiative	Details
		normal. Specification, testing details, and schedule will be provided in the second quarter of 2020 respectively.

Both OMD-C and OMD-D

Tentative Schedule	Planned Activity / Initiative	Details
Late Q1 / Q2 2020	Independent Emergency Drill	HKEX conducts independent emergency drills for the Market Data Systems regularly. This provides an opportunity for Clients to verify their emergency arrangements and procedures for, and ascertain their capability of dealing with, the emergency scenarios. Trading suspension will also be simulated during the drill The schedule and test details will be provided in the first quarter of 2020.

Issuer Information Feed System (IIS)

Tentative Schedule	Planned Activity / Initiative	Details
Feb / Mar 2020	Operating System (OS) Upgrade	In order to keep the IIS robust and stable, the Operating System (OS) will be upgraded to an updated version in 2020. This OS Upgrade should be transparent to Clients. Nonetheless, Market Rehearsals will be held to allow Clients to verify their systems connecting to IIS will run as normal after the OS upgrade. Details of the testing schedule will be provided in January 2020.

All Market Data Systems

Tentative Schedule	Planned Activity / Initiative	Details
May 2020	HGC ceases to be SDNet/2 Accredited Vendor	HGC Global Communications Limited (HGC) ceases to be SDNet/2 accredited vendor effective on 1 st May 2020. Clients using HGC should migrate to other SDNet/2 accredited vendors or HKEX Hosting Services (HSN) on or before 30 April 2020. Please refer to the Client Notice of 5 July 2019 for details.

Tentative Schedule	Planned Activity / Initiative	Details
Q2 / Q3 2020	Site Failover Rehearsal	<p>The regular Site Failover Rehearsal is to allow Clients to practise their contingency procedures for site failover of all HKEX's systems, including market data systems. The Rehearsal will also cover the site failover of the trading and clearing systems of HKEX.</p> <p>The schedule and test details of Site Failover Rehearsal will be provided in the second quarter of 2020.</p>

¹ Market Data Systems include (1) HKEX Orion Market Data Platform (OMD) - Securities Market and Index Datafeed Products (OMD-C), (2) OMD – Derivatives Market Datafeed Products (OMD-D), (3) OMD – China Connect (OMD-CC), (4) Mainland Market Data Hub (MMDH) and (5) Issuer Information Feed System (IIS)

In addition, HKEX will regularly conduct a capacity review on its datafeed products to ensure the delivery of quality service to Clients. If it is found necessary to increase the bandwidth requirement of datafeed products, three months advance notice will be given to Clients.

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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