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通告 CIRCULAR

Subject: Readiness Test for the Upgrade of SDNET Network Switches in HKEX Data Center and Introduction of New Mass Quote Transaction Type in HKATS

Enquiry: HKATS Hotline at 2211-6360¹ / Email: HKATSSupport@hkex.com.hk

Hong Kong Exchanges and Clearing Limited (HKEX) plans to implement the following hardware and software changes in September and October 2020:

1. Upgrade of SDNET Network Switches in HKEX Data Center

To ensure the robustness of the Securities and Derivatives Network (SDNET), HKEX plans to upgrade the Network Switches in HKEX Primary Data Center, which main function is for connecting SDNET2 Accredited Vendors. The upgrade of Network Switches² are technical in nature and confined to the connectivity within HKEX premises. Therefore, Exchange Participants (EPs) are reminded that neither functional nor end-user connectivity changes will be made alongside the upgrade.

2. Introduction of New Mass Quote Transaction Type (MO93) in HKATS

To facilitate Market Makers and Liquidity Providers, who are using existing Mass Quote Transaction Type MO96, better managing their systems resources for market making, HKEX plans to introduce a new OAPI mass quote transaction type MO93 tentative in October. The new transaction type will enable OAPI programs to place multiple quotes on the same outright contract. Market Makers and Liquidity Providers who intend to use the new transaction type should complete all necessary

¹ All calls to the HKATS hotline would be recorded. Please refer to the following link for HKEX privacy policy statement: http://www.hkex.com.hk/eng/global/privacy_policy.htm

² Network connections of EP via HKEX Service Network (HSN) at HKEX Hosting DC is not affected by this upgrade.

modifications on their OAPI program and certify the new OAPI program with HKEX prior to joining the RT.

Readiness Test (RT)

To prepare for the roll out, HKEX will conduct Readiness Test on Saturday, 22 August 2020, **EPs who either have connectivity to HKEX via SDNET/2 and/or have OAPI programs certified for using the new transaction type (MO93) are highly recommended to participate in the RT** to verify their connectivity readiness to HKEX via the upgraded SDNET network switches or confirm their readiness with the new transaction type. Subject to the result of RT, migration to New Switches will be conducted in two batches in late September and early October 2020 and Post Release Test (PRT) will also be arranged on Saturday prior to the cutover day. The implementation of new transaction type (MO93) will be in early October 2020.

Highlights of the RT are as follows:

Date	Time	Objectives
22 August 2020 (Saturday)	RT 2:00pm to 4:00pm	<u>SDNET connectivity test via upgraded Network Switches in HKEX Data Center</u> <ul style="list-style-type: none"> • Verify the network connectivity to HKEX by simulating the normal daily operations via the upgraded SDNET Network Switches. <u>Verification of New and Existing Mass Quote Transaction Type (MO93 and MO96) in HKATS</u> <ul style="list-style-type: none"> • Verify trading operations with existing and new transaction type during Day session.

	4:00pm to 5:00pm	<p><u>SDNET Network Switches failover test in HKEX Data Center</u></p> <ul style="list-style-type: none"> Verify the network connectivity during the Network Switch Failover tests (performed by HKEX IT). During the network failover, EP connections should normally have no interruption. In case EPs experience disconnection, EPs should be able to re-login afterwards. <p><u>Verification of New and Existing Mass Quote Transaction Type (MO93 and MO96) in HKATS</u></p> <ul style="list-style-type: none"> Verify trading operations with existing and new transaction type during Day session.
	6:00pm to 7:00pm	<p><u>Fall back test of SDNET Network Switches in HKEX Data Center</u></p> <ul style="list-style-type: none"> Verify the network connectivity by simulating the normal daily operations after fallback to existing SDNET Network Switches. <p><u>Verification of New and Existing Mass Quote Transaction Type (MO93 and MO96) in HKATS</u></p> <ul style="list-style-type: none"> Verify trading operations with existing and new transaction type during <u>AHT session</u>.
23 August 2020 (Sunday)	Post RT Health Check 9:00am to 11:00am	<p><u>Optional to EPs who have joined the RT</u></p> <ul style="list-style-type: none"> Login to HKATS using production HKATS username and password

For EPs who will join the RT, please submit the completed [online registration form](#) on or before Friday, 14 August 2020. Details of the RT will be provided to registered EPs separately. EPs relying on information vendors to provide market data updates for trading purpose should liaise with their respective information vendors for providing market data support during the RT.

For any enquiries, please contact the HKATS Hotline at 2211 6360.

Sanly Ho
Co-Head
Trading Operations
Markets Division