HKEX 香港交易所

Attachment 2 – OTP-C Test Rundown for New HSN Readiness Test

Time	Activities
Friday (20 SEP 2019)	
After 17:00	❑ For all OCG/BSS sessions, ensure change, if any, to network configuration is properly completed. ❑ Ensure all OCG/NSTD/BSS components (including network routers) are powered on after trading hours. ❑ Ensure the production database of in-house / back-office systems are properly backed-up. ❑ For those BSS which are not going to participate in the test, ensure that each of these BSS is not connected to the OCG, to avoid receiving the testing data. ❑ For all existing production BSS, please do not input any next day requests after trading hours on Friday (i.e., requests intended for submission to OTP-C on the following trading day, since next day requests will be submitted to OTP-C during the Readiness Test and will not be available on the following trading day).
Saturday (21 SEP 2019)	
HSN Primary Link Migration	
Before 9:00	**Logon to OTP-C Host** For **production OCG/BSS connecting to HSN and production OCG/NSTD** (*applicable to EP being invited by ET Trade Ltd*): ❑ Connect to OCG for OCG sessions (including Trading and Drop Copy sessions) ❑ Logon using the assigned Comp ID and password "**Ab123456**" for Trading and Drop Copy OCG sessions. Password should not be changed for the whole trading session.
Pre-opening Session – Session 1	

9:00 – 9:30	❑ The pre-opening session consists of
	    - Order Input period (09:00 – 09:15)
	    - Pre-order Matching period (09:15 – 09:20)
	    - Order Matching period (09:20 – 09:28)
	    - Blocking period (09:28 – 09:30)
	
	 ❑ Input order and execute to simulate real-life trading activities (in terms of transaction types, pattern and volume) during the pre-opening session.

Continuous Trading Session (CTS) – Session 1	

9:30 – 11:00	❑ The CTS consists of
	    - Without VCM monitoring (09:30 – 09:45)
	    - With VCM monitoring (09:45 – 10:40)
	    - Without VCM monitoring (10:40 – 11:00)
	
	 ❑ Input order and execute to simulate real-life trading activities (in terms of transaction types, pattern and volume) during the CTS.
	
	 ❑ Please note that during 10:00 to 10:15, HKEX will generate orders from stock code 5000 to 17000 and disseminate market data on OMD-C datafeeds.
	
	 Note :
	 EPs are strictly advised to adhere to following order input requirement during the Readiness Test :
	 • Order price MUST NOT be more than +/- 20 spreads deviated from the nominal price.
	 • Number of open (i.e., outstanding) orders should not be more than 5%.

Closing Auction Session	
11:00 – 11:10	❑ The closing auction session consists of

Time	Activities
	- Reference Price Fixing Period (11:00 – 11:01) ➢ Reference price based on the median of 5-snapshot nominal prices in the last minute of CTS ➢ Order input, amendment and cancellation : No - Order Input Period (11:01 – 11:06) ➢ Acceptable order types to input : at-auction and at-auction limit ➢ Order amendment and cancellation : Yes - No Cancellation Period (11:06 – 11:08) ➢ Acceptable order types to input : at-auction and at-auction limit ➢ Order amendment and cancellation : No - Random Closing Period (11:08 – 11:10 [random close time]) ➢ Acceptable order types to input : at-auction and at-auction limit ➢ Order amendment and cancellation : No - Order matching Period (11:08 – completion of matching [variable end time]) - Day Close (upon completion of matching) ❑ Input order and execute to simulate real-life trading activities (in terms of transaction types, pattern and volume) during the closing auction session.
Day Close	
11:10 – 11:30	For **production OCG/BSS connecting to HSN and production OCG/NSTD** (applicable to EP being invited by ET Trade Ltd): ❑ Logout and terminate OCG session to prepare for HSN Secondary Link Migration. ❑ Perform end-of-trading procedures, if any, to ensure database integrity. ❑ Clean up the transaction data (e.g. orders and trades) entered during this test from BSS (if applicable). **After the Readiness Test, EPs are also reminded to clean up the next day requests, if any, to ensure that these testing orders will not be carried forward to Session 2.**
HSN Secondary Link Migration	
12:30 – 13:30	❑ All HSN Secondary uplinks ports will be migrated from old HSN network to new HSN network. ❑ EP should log out the OCG session before 11:30. ❑ EP should not submit order during this session.
Continuous Trading Session (CTS) – Session 2	
14:00 – 15:00	❑ EP should perform their own start of day procedures before joining this Session 2. For example, the message sequence number should be reset before connecting to OCG. ❑ Logon the OCG sessions (including Trading and Drop Copy sessions) again by using the assigned Comp ID and password "**Ab123456**" or the password used in Session 2. ❑ Input order and execute to simulate real-life trading activities (in terms of transaction types, pattern and volume) during the CTS. ❑ Please note that during 14:30 to 14:45, HKEX will generate orders from stock code 5000 to 17000 and disseminate market data on OMD-C datafeeds. **Note :** EPs are strictly advised to adhere to following order input requirement during the

Time	Activities
	Readiness Test : • Order price MUST NOT be more than +/- 20 spreads deviated from the nominal price. • Number of open (i.e., outstanding) orders should not be more than 5%.
Day Close	
15:00 – 15:30	For **production OCG/BSS connecting to HSN and production OCG/NSTD** (applicable to EP being invited by ET Trade Ltd): ❑ Logout and terminate OCG session. ❑ Perform end-of-trading procedures, if any, to ensure database integrity. ❑ Clean up the transaction data (e.g. orders and trades) entered during this test from BSS (if applicable). **After the Readiness Test , EPs are also reminded to clean up the next day requests, if any, to ensure that these testing orders will not be carried forward to the production on the following trading day.** ❑ *Leave all off-floor trading devices components powered-on throughout the weekend.*
HSN Fallback to the original HSN network	
15:30 – 17:30	**HSN Fallback to the Network Switches**

SUN (22 SEP 2019)	
HSN Network Fallback Verification Test	
9:00 – 11:00	**Log on to OTP-C Host** **For production OCG/BSS connecting to HSN and production OCG/NSTD** (applicable to EP being invited by ET Trade Ltd)**:** ❑ Connect to OCG for OCG sessions (including Trading and Drop Copy sessions) ❑ Logon using the assigned Comp ID and password "**Ab123456**" to logon Trading and Drop Copy OCG sessions. ❑ **Participating EPs are reminded to input password correctly as unlock OCG session or reset password will not be handled during the HSN Network Fallback Verification Test.** After completion of HSN Network Fallback Verification Test: ❑ Logout and terminate OCG session. ❑ Perform end-of-trading procedures, if any, to ensure database integrity. ❑ Restore the data and proper BSS production configuration for the following Monday, if necessary.
Complete and Return Feedback Form	
After 11:00	❑ Complete and return the HSN Readiness Test Result Confirmation Form to HKEX Hosting Service Desk by fax or email (Fax No.: (852) 2462 0722 Email: hsservicedesk@hkex.com.hk).
MON (23 SEP 2019)	
Before 08:30	**Log on to OTP-C host in production environment** **For OCG/BSS/NSTD:** ❑ Perform NSTD/BSS trading system log on to host and trader sign on if applicable. ❑ Prepare for trading from 9:00am.

Note: EPs who do not follow the testing guidelines or conduct frivolous activities during the Readiness Test will be suspended from further participation in the Readiness Test without prior notice.

Support Hotline	Telephone Number	Email Address	Service Hours
Hosting Services	2211 6080	hsservicedesk@hkex.com.hk	24 hours
For BSS Support	2840 3351	bsssupport@hkex.com.hk	9:00 to 15:00 on 21 Sep 2019
For General Enquiry	2840 3626	otpc@hkex.com.hk	9:00 to 15:00 on 21 Sep 2019