

香港交易及結算所有限公司是香港聯合交易所有限公司、香港期貨交易所有限公司及香港中央結算有限公司之認可控制人
Hong Kong Exchanges and Clearing Limited is the recognised controller of The Stock Exchange of Hong Kong Limited, Hong Kong Futures Exchange Limited and Hong Kong Securities Clearing Company Limited

通告 CIRCULAR

事項

Subject: **HKATS Software Upgrade**

查詢

Enquiry: **HKATS Hotline 2211-6360**

Following the successful completion of the two market rehearsals and confirmation of readiness from the Exchange Participants (“EPs”) and Clearing Participants (“CPs”), Hong Kong Exchanges and Clearing Limited (“HKEx”) is pleased to announce that the HKATS software upgrade will be launched on **Monday, 12 November 2012**.

Participants should note that the upgrade includes the implementation of data compression in central gateway, the enhanced CLICK Trade software and the introduction of Dynamic Price Banding mechanism. During the first stage of Dynamic Price Banding, it is only applied to spot Mini-Hang Seng Index futures. The deviation and update parameters will be set at 4% and 1% respectively initially, and will be subject to change based on prevailing market condition in future.

The details of the 1) Rollout Schedule 2) Stabilization Period are set forth below:

1) Rollout Schedule and Activities

The rollout schedule and activities are summarized as follows:

Date	Time	Event
10 November 2012 (Saturday)	Whole Day	Cutover to the new software
11 November 2012 (Sunday)	9:00 a.m. – 11:00 a.m.	Connection session for the Exchange Participants
12 November 2012 (Monday)	Whole Day	Rollout day
12 – 23 November 2012	Whole Day	Stabilization Period

EPs should pay attention to the following activities. For CPs, please refer to the circular (Ref: CD/DCO/DCASS/016/2012) dated 5 November 2012.

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During the Cutover Weekend (10 – 11 November 2012)

HKEx will upgrade the software for HKATS. Exchange Participants are requested **NOT** to power down the network gateways over the weekend.

A connection session is scheduled on **Sunday, 11 November 2012** between **9:00 a.m. and 11:00 am** for EPs to perform a login test before the rollout. EPs are highly recommended to participate in the connection session. In addition to perform login test, EPs can take this opportunity to set up preferences windows and customize user profiles for both CLICK Trade XT and OMnet Application Programming Interface (“OAPI”).

EPs enrolling in the connection session are required to fill in the enrolment form set out in Appendix 1 and return by fax or by email on or before 7 November 2012.

On the Rollout Day (12 November 2012)

1. For CLICK Users

All CLICK users must login with **CLICK Trade XT (v.1.9.2.27)** and verify the version by opening the “About CLICK Trade XT” window under the “Help” menu before enter any transaction. CLICK users may experience unexpected behavior if previous versions CLICK Trade XT (v.1.9.1.62 or v.1.9.1.65) are used.

2. For OAPI Users

All OAPI users must use the programs that have passed the market rehearsal (MR1 or MR2) and declared or certified as ready for the HKATS software upgrade. These programs must include the following:

- specified the setting of compression option to be ‘OMNI-API_OPVAL_ANY’;
- recompiled by using the supported HKATS OAPI libraries; and
- recompiled by using the new header file.

The list of supported HKATS OAPI libraries is as follow:

Supported HKATS OAPI Libraries
Windows Server 2008, Service Pack 2, x86-64 architecture Windows Server 2008, Service Pack 2, x86-32 architecture
Red Hat Enterprise Linux, version 5.2, x86-64 architecture Red Hat Enterprise Linux, version 5.2, x86-32 architecture
SunOS 5.10, SPARC32 architecture

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2) Stabilization Period (12 – 23 November 2012)

There will be a two-week stabilization period starting from **12 to 23 November 2012**. During this stabilization period, in the unlikely situation that the upgraded software encounter irreparable incidents, HKEx may, as a last resort, trigger a fallback procedure to revert to previous HKATS software version in order to resume the trading and clearing services for the derivatives markets. All emergency announcements will be made through Market Messages, Exchange News System (“ENS”) and other available communication channels.

Please note that the arrangement for the fallback will only apply during the stabilization period. Accordingly, EPs are required to maintain the current version of CLICK Trade XT (v.1.9.1.62 or v.1.9.1.65) and current OAPI programs throughout the stabilization period. Please refer to the “Highlights of the Fallback Arrangement” in Appendix 2 for details. A circular will be issued to inform EPs upon the completion of the stabilization period.

To provide a quick reference for EPs to validate their readiness for the software upgrade, a checklist is set out in Appendix 3. EPs are highly encouraged to distribute the checklist to all HKATS users.

The Exchange would like to thank all EPs for their participation in the market rehearsal and support to the rollout of the HKATS software upgrade.

Sanly Ho
Vice President
Derivatives Market Department
Trading Division

This circular has been issued in the English language with a separate Chinese language translation. If there is any conflict in the circulars between the meaning of Chinese words or terms in the Chinese language version and English words in the English language version, the meaning of the English words shall prevail.

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Hong Kong Exchanges and Clearing Limited

Connection Session Enrolment Form for HKATS Software Upgrade

To: Derivatives Market Department
 Hong Kong Exchanges and Clearing Limited

Email: clicksupport@hkex.com.hk

Fax No: 2509 0724 or 2877 0017

HKATS Hotline: 2211 6360

From: Participant Name: _____

- We will not participate in the connection session on Sunday
- We will participate in the connection session between **9:00 a.m. and 11:00 am on Sunday, 11 November 2012**. The contacts for the connection session are as follows:

	Name	Phone no.	Mobile no.	Email
1				
2				

- Completed form should be returned by fax at 2509-0724 or 2877-0017 or email to clicksupport@hkex.com.hk on or before **Wednesday, 7 November 2012**
- Exchange Participants are advised to keep the completed enrolment form for record
- There is no order input session during the connection session

Highlight of Fallback Arrangement

The fallback procedures are only applicable during the stabilization period, i.e., the first two weeks after software upgrade from 12 to 23 November 2012. In the event of any critical issues arising, HKEx will investigate the cause and try to rectify the situation by all available means. In case that it is necessary to fallback, HKEx will switch HKATS to the previous software version internally and inform Exchange Participants upon the completion of the switching process. The fallback procedures are estimated to take about 3.5 hours to complete.

1. Communication channels in case of fallback

Exchange Participants will be informed once the fallback decision is made and upon completion of the switching process. The fallback schedule, estimated resumption time of the previous HKATS software version and the opening schedules of all markets will be communicated through Market Messages, Exchange News System and other available communication channels.

2. Participants' arrangement

In order to continue their trading operations with the prior HKATS software version under the fallback arrangement, Exchange Participants are required to maintain their trading facilities for the prior HKATS software version throughout the stabilization period for two weeks after the upgrade.

Existing CLICK users

Exchange Participants should retain the shortcuts of CLICK Trade XT (v.1.9.1.62 or v.1.9.1.65). This allows CLICK users to reconnect to HKATS after the fallback.

Existing OAPI users

Exchange Participants should retain all OAPI programs, as well as the corresponding workstations that are compatible with the previous HKATS software version during the stabilization period. This allows OAPI users to reconnect to HKATS after the fallback.

3. Actions to be taken after fallback

Establishment of connections to HKATS

Once fallback has been completed, HKEx will immediately notify all Exchange Participants. All Exchange Participants should login HKATS with CLICK Trade XT (v.1.9.1.62 or v.1.9.1.65) by using the passwords based on the record as at the end of day on **9 November 2012**, and verify if all the fields under the "Status" column in the Information Feed Status window are "ON".

After logging on to HKATS, Exchange Participants should check information through the Market Messages window to retrieve the following information from HKEx:

- Schedule of markets open;
- Notice of any special arrangement for trading on HKATS; and
- Other important market information.

Validation of trades executed

In order to ensure the accuracy of information for trades that were executed prior to and after the fallback, Exchange Participants should validate all trades upon fallback completion.

4. Enquiries

For any enquiries about the fallback procedures, Exchange Participants can contact the HKATS hotline at 2211-6360.

5. Checklist for Fallback

Items to be checked		√
1.	Pay attention to Market Messages and Exchange News for the possible fallback announcements made by HKEx	
2.	<i>For CLICK users:</i> Upon resumption of HKATS after the fallback, login HKATS with CLICK Trade XT (v.1.9.1.62 or v.1.9.1.65)	
3.	<i>For OAPI users:</i> Upon resumption of HKATS after the fallback, login HKATS with OAPI that is compatible to previous HKATS software version	
4.	Use the username and password as at 9 November 2012 to login HKATS	
5.	Pay attention to Market Messages and Exchange News for market reopening schedules	

Checklist for Exchange Participants – HKATS Software Upgrade

Items to be checked		√
(A) Before the Cutover Weekend		
1.	Keep the network gateway power up over the cutover weekend	
(B) During the Connection Session on Sunday, 11 November 2012		
2.	<u>For CLICK users:</u> Login with CLICK Trade XT (v.1.9.2.27)	
3.	<u>For CLICK users:</u> Set up your Preferences window in CLICK Trade XT (v.1.9.2.27)	
4.	<u>For CLICK users:</u> Customize your user profiles for CLICK Trade XT (v.1.9.2.27)	
5.	<u>For OAPI users:</u> Login with the OAPI programs that have been passed the market rehearsal (MR1 or MR2) declared or certified ready for the HKATS software upgrade	
6.	<u>For OAPI users:</u> Configure your OAPI programs with appropriate parameter values	
(C) On Rollout Date, Monday 12 November 2012		
8.	<u>For CLICK users:</u> Login with CLICK Trade XT (v.1.9.2.27)	
9.	<u>For CLICK users:</u> Set up your Preferences window in CLICK Trade XT (v.1.9.2.27) (if not yet done)	
10.	<u>For CLICK users:</u> Customize your user profiles for CLICK Trade XT (v.1.9.2.27) (if not yet done)	
11.	<u>For CLICK users:</u> Verify the version of the CLICK by opening the “About CLICK Trade XT” window under the “Help” menu before enter any transaction	
12.	<u>For OAPI users:</u> Login with the OAPI programs that have been declared or certified ready for the HKATS software upgrade	
13.	<u>For OAPI users:</u> Configure your OAPI programs with appropriate parameter values (if not yet done)	