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通告 CIRCULAR

事項　　　　　**Upgrade of HKATS OMnet Application Programming Interface (OAPI)**
Subject:　　**Libraries**

查詢
Enquiry:　　**HKATS Hotline　　2211 6360**

Reference is made to the circular DMD/155/11 dated 28 November 2011. HKEx will replace the existing OAPI libraries by a set of new HKATS OAPI libraries starting from **15 February 2012** (see the table below for the to-be-obsolete and newly supported HKATS OAPI libraries). All HKATS OAPI programs have to be upgraded by using the new HKATS OAPI libraries **before 3 July 2012**. As HKEx will stop certifying HKATS OAPI programs using the to-be-obsolete HKATS OAPI libraries effective **15 March 2012**, Exchange Participants (EPs) are advised to use the newly supported HKATS OAPI libraries to compile their uncertified HKATS OAPI programs as soon as practicable. Please note that HKATS OAPI programs using the to-be-obsolete libraries should not be connected to HKATS starting from **3 July 2012**. Otherwise, such HKATS OAPI programs may not function as expected.

To-be-obsolete HKATS OAPI Libraries on 3 July 2012	Supported HKATS OAPI Libraries Starting from 15 February 2012
Windows Server NT 4.0, Windows Server 2003 & Windows XP, x86-32 architecture	Windows Server 2008, Service Pack 2, x86-64 architecture Windows Server 2008, Service Pack 2, x86-32 architecture
Red Hat Enterprise Linux, version 4.2, 4.6 & 4.7, x86-64 architecture	Red Hat Enterprise Linux, version 5.2, x86-64 architecture Red Hat Enterprise Linux, version 5.2, x86-32 architecture
SunOS 5.8, SPARC32 architecture	SunOS 5.10, SPARC32 architecture
HP UNIX 11, PA-RISC architecture	(Support to this platform will be terminated on 3 July 2012)

To proceed to the upgrade, EPs with HKATS OAPI programs have to:

1) Request for the required new HKATS OAPI libraries by sending an email to ClickSupport@hkex.com.hk

2) Compile their HKATS OAPI programs by using the new HKATS OAPI libraries

3) If there is **no modification** in their existing HKATS OAPI programs other than re-compilation by using the new HKATS OAPI libraries, submit a duly signed declaration form as set forth in Attachment 1 to HKEx;

   otherwise, if there is **any modification** in the HKATS OAPI program other than re-compilation by using the new HKATS OAPI libraries, apply for a HKATS OAPI certification test with HKEx by submitting a duly signed application form as set forth in Attachment 2 to HKEx

4) Request for a login test before putting the HKATS OAPI program into production by sending an email to ClickSupport@hkex.com.hk

Sanly Ho
Vice President
Derivatives Market Department

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.

HKEx
香港交易所

Upgrade of HKATS OAPI Libraries Declaration Form

To: Hong Kong Futures Exchange Limited / The Stock Exchange of Hong Kong Limited
(Email: ClickSupport@hkex.com.hk   Fax No: 2509 0724 / 2877 0017)

From: _____ [Name of Exchange Participant]

_____ [Name of Software Vendor]

We hereby declare that the following HKATS OAPI program has been upgraded by using the new HKATS OAPI library without any other modification in the program and we have tested the program and no abnormality was found. Details of the HKATS OAPI program are as follows:

Name of HKATS OAPI Program: _____

Version Number: _____

Platform of OAPI Library:

☐ Windows Server 2008 (32-bit)   ☐ Red Hat Enterprise Linux 5.2 (32-bit)   ☐ SunOS 5.10
☐ Windows Server 2008 (64-bit)   ☐ Red Hat Enterprise Linux 5.2 (64-bit)

(Please tick "✔"in the appropriate box)

Attached please find the information of individual transaction size allocated by the HKATS OAPI program for HKEx record.

We undertake and agree that any further updated, enhanced or modified version of such HKATS OAPI program shall obtain prior approval from the Exchange and conduct any test required by the Exchange from time to time.

Exchange Participant: Software Vendor:

S.V.

_____   _____
Authorized Signature(s) and Company Chop   Authorized Signature(s) and Company Chop

_____   _____
Name of Signatory and Position   Name of Signatory and Position

_____   _____
Contact Person   Contact Person

_____   _____
Contact Number   Contact Number

_____   _____
Date   Date

Information of Individual Transaction Size allocated by the OAPI Program

What is the `omni_message.length_u` of the following transactions in your HKATS OAPI programs?
If the length varies for a particular transaction, please give the range.

	Transaction*	omni_message.length_u (i.e. The number of bytes your program sends by calling omniapi_tx_ex)
1	Quote Request (MC4)	
2	Non-Standard Combinations Order Entry (MO2)	
3	Order Deletion (MO4)	
4	Price Quotation (MO6)	
5	Enter Bulletin Board Non-Standard Combo (MO12)	
6	Delete Bulletin Board Order (MO14)	
7	Accept Bulletin Board Non-Standard Combo (MO19)	
8	Order Entry (MO31)	
9	Order Alternation (MO33)	
10	Two-Sided Price Quotation Block (MO36) (if applicable)	
11	Inactive Deletion (MO40)	
12	Trade Report Deletion, Unmatched (MO74)	
13	Trade Report (MO75)	
14	Trade Report, Two-sided (MO76)	
15	Combination Trade Report (MO77)	
16	Activate Central Inactive Order (MO99)	
17	Application Status (UI1)	

Note:
* It is an individual transaction size allocated in program rather than the actual size of the data copied.

THE STOCK EXCHANGE OF HONG KONG LTD /
HONG KONG FUTURES EXCHANGE LTD
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DERIVATIVES MARKET

10/F One International Finance Centre	Hotline : 2211 6360
1 Harbour View Street	Fax : 2509 0724 / 2877 0017
Central, Hong Kong	

<u>REQUEST FOR OAPI CERTIFICATION TEST</u>

Particulars of Exchange Participant

Mnemonic / Firm ID	Participant Name

Contact Person

Name	Tel	Fax
Position	E-mail	Mobile

Reason for OAPI Certification
Please tick in the box:

New OAPI application	[ ]
Re-certification of OAPI program	[ ]
Reasons for re-certification:	

Details

Name of OAPI Program	
Version	
Developer	

Date of Certification $^{Note\ 1}$	Time

Fee
$2,000 per test regardless of the test results

_____   _____

Authorized Signature   Date
with company chop

_____

Name of Signatory

Note 1:   Request should be made at least ten business days before the test.