

Information Package for Northbound Investor ID Model Market Rehearsal on 11 August 2018

Version 1.0

Aug 2018



Version History

Version No.	Issue Date	Particulars Particulars
1.0	3 August, 2018	First version released



Table of Contents

1	Intro	oduction	4
	1.1 1.2	Overview Market Data Arrangement for NB Investor ID Model MR2	
2	MR2	2 Schedule and Activities for NB Investor ID Model	5
	2.1 2.2	Tasks for CCEPs/TTEPs on MR2MR2 Timetable	
3	Guid	delines for NB Investor ID Model MR2	7
4	Typl	hoon and/ or Rainstorm Arrangements	9
5	Sup	port Hotline	10
		lix A – Notification Form for Change of Contact Person for Northbound Investor ID Second Market Rehearsal (MR2)	
Αp	pend	lix B – Activity Rundown for NB Investor ID Model MR2 on 11 August 2018	13
Αp	pend	lix C – Feedback Form for Northbound Investor ID Model MR2 on 11 August 2018.	17
Αp	pend	lix D – Stock Balances on MR2	19
Αp	pend	lix E – Privacy Policy Statement	20



1 Introduction

1.1 Overview

Following the first Market Rehearsal conducted on 28 July 2018, a second Market Rehearsal (MR2) will be arranged on **11 August 2018** which is also mandatory for participation and <u>all</u> CCEPs and TTEPs are required to participate in the MR2 in order to ensure they can submit BCAN-CID Mapping File and tag BCAN to NB orders after the implementation of NB Investor ID Model.

Date	Time	Test	Objective
11 August 2018	09:00 – 17:00	MR2	Validate CCEPs/TTEPs in production configuration to perform BCAN-CID Mapping File and Authorised TTEP Firm List submission, NB orders BCAN tagging and normal business transactions.

CCEPs/TTEPs must satisfactorily complete the MR2 to ensure they can submit BCAN-CID Mapping File, Authorised TTEP Firm List and tag BCAN to NB orders. CCEPs and TTEPs must pass the E2E test and market rehearsal to demonstrate their readiness to comply with the new arrangements in relation to the NB Investor ID model under the Rules of the Exchange. Failing which they will not be able to properly conduct NB trading activities in compliance with the Rules of the Exchange upon implementation of the NB Investor ID model. Those CCEPs and TTEPs who cannot pass the E2E test and market rehearsal before the implementation of the NB Investor ID model should make adequate disclosure with their clients and make all necessary arrangements with their clients as early as possible in order to ensure that they act honestly, fairly, and in the best interests of their clients and the integrity of the market.

During MR2, the data used for BCAN-CID Mapping File and Authorised TTEP Firm List submission are for testing purposes only. All data will be removed after the testing.

Subject to successful completion of the market rehearsal, CCEPs/TTEPs readiness and necessary regulatory approvals, HKEX will launch NB Investor ID Model in due course.

1.2 Market Data Arrangement for NB Investor ID Model MR2

CCEPs who have subscribed to any datafeed product on HKEX Orion Market Data Platform-China Connect (Securities) (OMD-CC) can have access to their subscribed OMD-CC feed during MR2.

Some Information Vendors (IVs) and Application Service Providers (ASPs) may be able to redistribute OMD-CC data to their CCEP customers conducting MR2 in the same environment. CCEPs should check with their IVs and/or ASPs immediately for the required logistics or other necessary arrangement for if they plan to receive market data from them during the MR2.

Real-time price data of NB test securities will also be available from the Market Data Portal after market open till market close during MR2. URL of the portal is: http://203.78.5.160/MDP.



2 MR2 Schedule and Activities for NB Investor ID Model

2.1 Tasks for CCEPs/TTEPs on MR2

CCEPs/TTEPs are required to complete the following tasks for the MR2:

Та	sk	CCEPs/TTEPs Concerned	Deadline / Execution Date	Reference Documents
		Notification Form	n for MR2	
1.	Submit notification form for (i). update designation of new contact person for the MR2, if required (ii). (optional) participation of Post Test Verification Session after MR2	CCEPs/TTEPs	On or before 8 August 2018 (Wednesday)	Appendix A – Notification Form
		MR2 (mandatory		
1.	Submit BCAN-CID Mapping File and/or Authorised TTEP Firm List	CCEPs/TTEPs	11 August 2018 (Saturday) 9:00am – 10:30am	Appendix B – Activity Rundown
2.	Verify BCAN-CID Validation Result File and BCAN Full Image File	CCEPs/TTEPs	11 August 2018 (Saturday) 1:00pm – 2:00pm	Appendix B – Activity Rundown
	Conduct tagging of BCAN for NB trading orders	CCEPs	11 August 2018 (Saturday) 4:00pm – 5:00pm	Appendix B – Activity Rundown
4.	Conduct Post Test Verification Session after MR2(optional) [Note]	CCEPs	11 August 2018 (Saturday) 8:00pm to 9:00pm	Appendix B – Activity Rundown
5.	Return feedback form for MR2	All CCEPs/TTEPs	On or before 13 August 2018 (Monday)	Appendix C – Feedback Form

Note:

The "Post Test Verification Session after MR2" is offered for CCEPs to validate their BSS have already reinstated for trading with CSC/CCCG properly on the following trading day. Participation is optional and <u>prior registration would be required</u>. Please note that only SZSE trading system will be available during Post Test Verification Session after MR2.

CCEPs/TTEPs must return the feedback form for the MR2 to HKEX on or before the following Monday after the MR2.

2.2 MR2 Timetable

MR2 aims to provide an opportunity to CCEPs/TTEPs to simulate their BCAN-CID Mapping File and Authorised TTEP Firm List submission via SFTP and tagging of BCAN for NB trading orders in trading environment. 9:00am - 2:00pm will simulate "T-1" day for



BCAN-CID Mapping File and Authorised TTEP Firm List submission and retrieval of BCAN-CID Validation Result File and BCAN Full Image File. 4:00pm – 5:00pm will simulate "T" day for BCAN tagging. Details as below:

MR2 Date: 11 August 2018

Time	Session	CCEPs/ TTEPs participation
9:00am – 10:30am	 Submission of BCAN-CID Mapping File with newly added BCANs and Authorised TTEP Firm List Retrieval of BCAN-CID Response File and Authorised TTEP Firm List Response File 	CCEPs and TTEPs
1:00pm – 2:00pm	Retrieval of BCAN-CID Validation Result File and BCAN Full Image File	CCEPs and TTEPs
4:00pm – 4:15pm	Opening Call Auction (tagging BCAN to every Northbound orders)	• CCEPs
4:15pm – 4:20pm	5 minutes break before start of Morning Continuous Auction Session	• Nil
4:20pm – 4:30pm	Morning Continuous Auction Session (tagging BCAN to every Northbound orders)	• CCEPs
4:30pm – 4:35pm	Mid-day Close	• CCEPs
4:35pm – 4:57pm	Afternoon Continuous Auction Session (tagging BCAN to every Northbound orders)	• CCEPs
4:57pm – 5:00pm	 Afternoon Continuous Auction Session for Shanghai Market (tagging BCAN to every Northbound orders) Closing Call Auction Session for Shenzhen Market (tagging BCAN to every Northbound orders) 	• CCEPs
5:02pm	Day Close	• CCEPs
5:30pm – 6:00pm	Download trade file via Electronic Communication Platform (ECP)	• CCEPs
8:00pm – 9:00pm	Post Test Verification Session after MR2 (optional and applicable for CCEP's participation with prior registrations)	• CCEPs



3 Guidelines for NB Investor ID Model MR2

CCEPs/TTEPs are requested to make note of the following important points when they take part in the MR2:

Before MR2:

- In case there is any update of designated contact person, CCEPs and TTEPs are required to complete Appendix A – Notification Form and return it to HKEX on or before 8 August 2018 to provide the new designated contact person for MR2. For CCEPs who will join the Post Test Verification Sessions after MR2, they are also required to complete the Appendix A.
- For participation of MR2, no prior registration is required.
- CCEPs must ensure that the correct configuration of BSS software (if needed) supporting BCAN is activated before connecting to CSC/CCCG for MR2. In this case, after conducting MR2, CCEPs must also ensure that appropriate BSS software (without BCAN) is reinstated in order to ensure no interruption to their trading activities on the following trading day.
- CCEPs are reminded to back up their BSS production database before the MR2 so that the database can be restored after the test to safeguard data integrity for the following trading day.

Access to MR2 and Post Test Verification Session:

SFTP Facility

 CCEPs/TTEPs are required to logon to SFTP via the registered Public Keys for submission of BCAN-CID Mapping File and Authorised TTEP Firm List.

CCCG

 CCEPs are required to logon all CCCG (including Trading and Drop Copy sessions) by using the assigned Comp ID(s) and password "Ab123456" or production password as specified below or in respective activity rundown:

Test Sessions	Password
MR2	"Ab123456"
Post Test Verification Session after MR2	Production password

During MR2:

- All CCCG sessions and Drop-Copy sessions will be turned on by HKEX during MR2.
- During morning session in MR2, CCEPs and TTEPs are required to simulate real-life files submission activities (e.g. add, delete or amend BCANs) by submitting BCAN-CID Mapping File and Authorised TTEP Firm List and also to verify the relevant response files, the BCAN Full Image File and BCAN-CID Validation Result File so as to ensure BCAN registration is successfully completed.
- Please note that BCAN-CID Mapping/Authorized Firm List files that have been submitted onto the SFTP facility cannot be renamed and only BCAN-CID Mapping and Authorized firm list files that have been packaged with the zip utility, and have "zip" file extension will be accepted by SFTP.



- The total number of records in BCAN-CID Mapping File to be submitted by CCEPs/TTEPs must less than 200 records.
- All BCANs that are successfully registered during previous Connectivity Session on 21 July 2018 will be carried forward to MR2. However, BCAN-CID Mapping Files submitted on 28 July 2018 will be disregarded.
- The stock database as at the market open on 13 August 2018 will be used for MR2.
- During afternoon session in MR2, CCEPs are required to simulate real-life life trading activities by inputting orders tagged with BCANs which are successfully registered in the morning session.
- CCEPs already rolled out pre-trade checking function for institutional investor ID (IIID), please use IIID that opened at or before 8 August 2018.
- CCEPs supported but not yet rolled out pre-trade checking function for IIID, dummy IIID will be separately issued to the relevant CCEPs.

After MR2:

- Upon completion of MR2, CCEPs are reminded to log off and terminate all CCCG sessions, then perform end-of-day procedures and clean up the transaction data (e.g. orders and trades) entered during the test from BSS (if applicable).
- After the MR2, CCEPs are also reminded to clean up the next day requests for testing, if any, to ensure that these testing orders will not be carried forward to the production on the following trading day.
- All SFTP user accounts and public keys will be carried forward to the production environment when the BCAN-CID file submission service launches later. Should CCEPs and TTEPs wish to renew their public keys, please repeat the key registration process.



4 Typhoon and/ or Rainstorm Arrangements

When Tropical Storm Warning Signal No. 8 (or above) or the Black Rainstorm Warning Signal is hoisted, the following arrangements will apply:

Condition	Arrangement
If either of the warnings is hoisted or to be in force anytime from 7:00am to 9:00am	The scheduled activity of the day will be cancelled and will not be resumed for the rest of the day.
If Tropical Storm Warning Signal No. 8 or above is hoisted after 9:00am	The scheduled activity of the day will be terminated 15 minutes thereafter.
If Black Rainstorm Warning is issued after 9:00am	All scheduled activity will continue until completion.

Note:

In any case, all participating CCEPs/TTEPs should complete the appropriate day-end work including file/ database backup and restoration, system restoration/ fallback and so on to ensure there will be no interruption on the next trading day.



5 Support Hotline

Should CCEPs/TTEPs have any questions about NB Investor ID Model and MR2, please contact the following Support Hotlines:

	Telephone Number	Email Address
For BSS Support	2840 3351	bsssupport@hkex.com.hk
For General Enquiry	2840 3626	trd@hkex.com.hk
For OMD-CC Enquiry	2211 6558	IVSupport@hkex.com.hk



Appendices



Appendix A

Submission deadline: on or before 8 August 2018

Appendix A – Notification Form for Change of Contact Person for Northbound Investor ID Model Second Market Rehearsal (MR2)

Explanatory Notes:

- Please complete this Form and return to HKEX Cash Trading by fax at 2521-7899 or by email to <u>OTPC@hkex.com.hk</u> on or before 8 August 2018.
- Upon receipt of the Form, HKEX will send an email confirmation to the email address of the contact person provided below prior to MR2.
- 3. In case unexpected emergency situation happen during MR2, HKEX's announcement will be sent to the below designated contact person's email address.

Excha	nge Participant Information	(Applicable to both CCEP	and TTEP)	
Name o	of Exchange Participant		Participant ID	Registration Category CCEP TTEP
Primary	Contact Person	Office Phone No.	Mobile Phone No.	Email Address
Secondary Contact Person		Office Phone No.	Mobile Phone No.	Email Address
China	Connect Exchange Participa	nt Confirmation for P	articipation (Applicable	to CCEP only)
Partici		or ID Model MR2 Pos		sion on 11 August 2018 (from
				nonday and request thick to turn on
	all our CCCG/BSS and Drop	o-Copy session (production the processing of	personal data in acc	cordance with the Privacy Policy
	all our CCCG/BSS and Drop	o-Copy session (product) o the processing of	personal data in acc	
	all our CCCG/BSS and Drop	o-Copy session (product) o the processing of	personal data in acc	
Statem	all our CCCG/BSS and Drop	o-Copy session (product) o the processing of	personal data in acc	
S <i>tatem</i> Signat	all our CCCG/BSS and Drop	o-Copy session (product) o the processing of	personal data in accon Package.	



Appendix B – Activity Rundown for NB Investor ID Model MR2 on 11 August 2018

Time	Activities
10 August 2018 (Frida	ay) – After Market Close
After 5:00pm	 □ For all CCCG/BSS sessions, ensure change, if any, to network configuration is properly completed □ Ensure all CCCG/BSS components are powered on after trading hours □ Ensure the production database of in-house / back-office systems are properly backed-up 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 CSC/CCCG on the following trading day, since next day requests will be submitted to CSC/CCCG during the MR and will not be available on the following trading day).
11 August 2018 (Satu	rday)
	-CID Mapping File and Authorised TTEP Firm List
9:00am – 10:30am	 Logon to SFTP Facility □ Connect to the SFTP Facility by using the SFTP user accounts setup previously with HKEX □ The private key which its corresponding public key has been registered with HKEX should be used to logon the SFTP facility For CCEPs/TTEPs □ Submit BCAN-CID Mapping File (e.g. for new BCAN creation, deletion or modification of BCANs etc), a corresponding BCAN-CID Response File will be returned within a few minutes after submission □ The total number of records in BCAN-CID Mapping File to be submitted by CCEPs/TTEPs must less than 200 records □ Check the BCAN-CID Response File to ensure the accuracy of the submitted BCAN-CID Mapping File For CCEPs who have TTEPs □ Submit Authorised TTEP Firm List, a corresponding Authorised TTEP Firm List Response File will be returned within a few minutes after submission □ Check the Authorised TTEP Firm List Response File to ensure the accuracy of the submitted Authorised TTEP Firm List □ CCEPs are advised to submit the Authorised TTEP Firm List as soon as possible, e.g. before 9:30am, so that their TTEPs can submit BCAN-CID
Detrieval of DOAN O	Mapping File.
	D Validation Result File and BCAN Full Image File
1:00pm – 2:00pm	For CCEPs/TTEPs Retrieve and verify the BCAN-CID Validation Result File and BCAN Full Image File Only the successfully registered BCANs shown in the BCAN Full Image File can be used for tagging in the afternoon session



Time	Activities		
Ready for Market Ope	en		
Before 4:00pm	Logon to CSC Host		
	For CCCG and China Connect Drop-Copy Sessions: Connect to ALL applied CCCG and China Connect Drop-Copy Sessions, logon ALL the applied sessions by using the assigned Comp ID and testing password "Ab123456".		
Opening Call Auction			
4:00pm – 4:15pm	 □ The opening call auction session of SSE/SZSE will run from 4:05pm – 4:15pm □ Simulate real-life trading activities (in terms of order input, pattern and volume) □ Tag BCAN to each of the orders □ Take note of the saleable quantities of eligible stocks on hand with reference to Appendix D 		
	Note: CSC will start to accept China Connect orders from 4:00pm. However, these orders will only be processed according to the timetable of SSE/SZSE.		
Morning Continuous	Auction Session		
4:20pm – 4:30pm	 □ The continuous auction session of SSE/SZSE will run from 4:20pm – 4:30pm □ Simulate real-life trading activities (in terms of order input, pattern and volume) □ Tag BCAN to each of the orders □ Take note the saleable quantities of eligible stock on hand 		
Exchange Intervention	4:31pm		
Close	4:32pm		
Afternoon Continuou	s Auction Session		
4:35pm – 5:00pm	SSE: ☐ The continuous auction session of SSE will run from 4:35pm – 5:00pm SZSE: ☐ The continuous auction session of SZSE will run from 4:35pm – 4:57pm ☐ Closing Call Auction will run from 4:57pm – 5:00pm		
	SSE/SZSE: ☐ Simulate real-life trading activities (in terms of order input, pattern and volume) ☐ Tag BCAN to each of the orders ☐ Take note the saleable quantities of eligible stock on hand Note: CSC will start accept China Connect orders from 4:34pm to 5:00pm. However, these orders will only be processed according to the timetable of SSE/ SZSE.		



Time	Activities		
Exchange Intervention	5:01pm		
Day Close	5:02pm		
5:02pm – 5:30pm	For CCCG and China Connect Drop-Copy Sessions: Logout and terminate CCCG and China Connect Drop-Copy sessions 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)		
Download Day-end Tr	rade File		
5:30pm – 6:00pm	Download the following file by using production user ID with "TO" user group (i.e. user ID of MXXXXXTOXXX) and production password through ECP ☐ Trade file for SSE/SZSE (from 5:30pm) and check the accuracy of trade details		
	with prior registration)	Ilback to CSC/CCCG without BCAN (optional and	
8:00pm — 9:00pm	Note: Only CCEPs who have indicated their participation in the notification form given in Appendix A will have ALL of their enrolled production CCCG sessions enabled to participate in the Post Test Verification Session. Logon to CSC Host □ Connect to CCCG for all CCCG sessions (including Trading and Drop Copy sessions). Trading Timetable		
		SZSE	
	8:05pm – 8:15pm	Opening Call Auction Session	
	8:20pm – 8:30pm	Morning Continuous Auction Session	
	8:30pm – 8:35pm	Mid-day Close	
	8:35pm – 8:57pm	Afternoon Continuous Auction Session	
	8:57pm – 9:00pm Closing Call Auction Session		
	9:01pm Exchange Intervention (HKEX)		
	9:02pm Day Close (HKEX)		
	Perform end-of-tradii Clean up the transactest from BSS (if app Note: 1. Logon using the assic CCCG sessions (inclean)	e CCCG and China Connect Drop-Copy sessions on procedures, if any, to ensure database integrity ection data (e.g. orders and trades) entered during this elicable). Igned Comp ID(s) and Production password for all luding Trading and Drop Copy sessions).	
	Please note that only Test Verification Ses	/ SZSE trading system will be available during Post sion after MR2.	



Time	Activities				
Complete and Return Feedback Form					
Before 6:00pm, 13 August 2018	☐ Complete and return the Feedback Form (Appendix C) to HKEX by fax (Fax No.: 2521-7899 or 2868-5223) or by email to OTPC@hkex.com.hk .				



Appendix C

Submission deadline: on or before 13 August 2018

Appendix C – Feedback Form for Northbound Investor ID Model MR2 on 11 August 2018

Notes:

- Please complete Sections I to III of this form.
- Upon completion, please return the form to HKEX by Fax (fax nos.: 2521-7899 or 2868-5223) or by Email to

,	OTPC@hkex.com.hk on or before 13 August 2018 3. For enquiry, please contact our Participant General Enquiry Hotline at 2840-3626									
3.	ion I	Participant Informatio	· · · · · · · · · · · · · · · · · · ·	2840-3626						
		nange Participant	711	Participant ID	Registration Category					
realis of Exertaings Fairtospaire				,						
					CCEP / TTEP					
Conta	act Perso	on	Phone No.	Email Address						
0 1		Booth to and East Hood								
Section II Participant Feedback (please tick the appropriate boxes)										
1.		to both CCEP and TTEP	ounter any unreceived connective	ity or log on ion	auga during the market					
١.	Did your SFTP connection encounter any unresolved connectivity or log on issues during the market rehearsal?									
		No								
		Yes, please specify:								
2.	Did y	ou experience any issue in su	ubmitting and receiving BCAN files	via SFTP during	market rehearsal?					
		No								
		Yes, please provide relevar	nt details for analysis by HKEX:							
Appl	icable	to CCEP only								
3.		our CCCG trading session(s) encounter any unresolved conne	ectivity or log on i	ssues during the market					
		No								
		Yes, please specify:								
4.		our trading session(s) expension	rience any issue in relation to tag	gging northbound	I trading orders with the					
		No								
		Yes, please specify:								
5.		vour China Connect Drop-Cop	py session(s) encounter any unres	solved connectivit	ty or logon issues during					
		Not applicable								
		No								
		Yes, please specify:								
	_	. 25, picase spoony .								
6.	If you	have further comments about	ut the market rehearsal, please spe	ecify below:						
.	y 5 c	o rantino obinimonto abot	at the market remodified, produce ope	,						



Section III Participant Confirmation (Applicable to both CCEP and TTEP, please tick the appropriate boxes)

ac	We have successfully completed the market rehearsal on (date) in accordance with the activity rundown. We hereby confirm that our infrastructure and operation are ready for the implementation of Northbound Investor ID Model.							
	We have encountered the problem(s) below during the market reheat volved and rectification work to fix the problem(s) below.)	rsal(s). (Please specify the system(s)						
By signing below, we consent to the processing of personal data in accordance with the Privacy Policy Statement included in Appendix E of this Information Package.								
_	ure of Responsible Officer ompany Chop :	Date :						
Nama	of Responsible Officer							



Appendix D - Stock Balances on MR2

Pre-set Stock Balances for Northbound Trading

For each CCEP and each Institutional Investor (II) ID allocated to CCEP will have the maximum sellable quantity 5,000 for the following stocks during the MR.

For each Short Selling Security in the MR, the maximum number of shares available for short selling is 5,000.

SSE Stock Code	Stock Code Mapping in CCASS	Stock Name	Eligible for Short Sell	Stock Balance for each EP and II assigned
600019	90019	BAOSHAN IRON & STEEL	Yes	5,000
600028	90028	CHINA PETROLEUM AND CHEMICAL	Yes	5,000
600276	90276	JIANGSU HENGRUI MEDICINE	Yes	5,000
600887	90887	INNER MONGOLIA YILI INDUSTRIAL	Yes	5,000
600900	90900	CHINA YANGTZE POWER	Yes	5,000
601288	91288	AGRICULTURAL BANK OF CHINA	Yes	5,000
601318	91318	PING AN INSURANCE	Yes	5,000
601398	91398	INDUSTRIAL AND COMMERCIAL BANK OF CHINA	Yes	5,000
603077	93077	SICHUAN HEBANG BIOTECHNOLOGY	No	5,000
603288	93288	FOSHAN HAITIAN FLAVOURING AND FOOD	No	5,000
SZSE Stock Code	Stock Code Mapping in CCASS	Stock Name	Eligible for Short Sell	Stock Balance for each EP and II assigned
000001	70001	PING AN BANK	Yes	5,000
000333	70333	MIDEA GROUP	Yes	5,000
000425	70425	XCMG CONSTRUCTION MACHINERY	Yes	5,000
000651	70651	GREE ELECTRIC APPLIANCES INC OF ZHUHAI	Yes	5,000
000725	70725	BOE TECHNOLOGY GROUP	Yes	5,000
000858	70858	WULIANGYE YIBIN	Yes	5,000
000898	70898	ANGANG STEEL	Yes	5,000
002027	72027	FOCUS MEDIA INFORMATION TECHNOLOGY	Yes	5,000
002670	72670	GUOSHENG FINANCIAL HOLDING	No	5,000
300136	77136	SHENZHEN SUNWAY COMMUNICATION	No	5,000



VERSION: 1.0

Appendix E - Privacy Policy Statement

Privacy Policy Statement

Hong Kong Exchanges and Clearing Limited, and from time to time, its subsidiaries (together the "Group") (and each being "HKEX", "we", "us" or "member of the Group" for the purposes of this Privacy Policy Statement as appropriate) recognise their responsibilities in relation to the collection, holding, processing, use and/or transfer of personal data under the Personal Data (Privacy) Ordinance (Cap. 486) ("PDPO"). Personal data will be collected only for lawful and relevant purposes and all practicable steps will be taken to ensure that personal data held by us is accurate. We will use your personal data which we may from time to time collect in accordance with this Privacy Policy Statement.

We regularly review this Privacy Policy Statement and may from time to time revise it or add specific instructions, policies and terms. Where any changes to this Privacy Policy Statement are material, we will notify you using the contact details you have provided us with and, where required by the PDPO, give you the opportunity to opt out of these changes by means notified to you at that time. Otherwise, in relation to personal data supplied to us through the HKEX website or otherwise, continued use by you of the HKEX website or your continued relationship with us shall be deemed to be your acceptance of and consent to this Privacy Policy Statement, as amended from time to time.

If you have any questions about this Privacy Policy Statement or how we use your personal data, please contact us through one of the communication channels set out in the "Contact Us" section below.

We will take all practicable steps to ensure the security of the personal data and to avoid unauthorised or accidental access, erasure or other use. This includes physical, technical and procedural security methods, where appropriate, to ensure that the personal data may only be accessed by authorised personnel.

Please note that if you do not provide us with your personal data (or relevant personal data relating to persons appointed by you to act on your behalf) we may not be able to provide the information, products or services you have asked for or process your requests, applications, subscriptions or registrations, and may not be able to perform or discharge the Regulatory Functions (defined below).

Purpose

From time to time we may collect your personal data including but not limited to your name, mailing address, telephone number, email address, date of birth and login name for the following purposes:

- 1. to process your applications, subscriptions and registration for our products and services;
- to perform or discharge the functions of HKEX and any company of which HKEX is the recognised exchange controller (as defined in the Securities and Futures Ordinance (Cap. 571)) ("Regulatory Functions");
- to provide you with our products and services and administer your account in relation to such products and services;
- 4. to conduct research and statistical analysis;
- to process your application for employment or engagement within HKEX to assess your suitability as a candidate for such position and to conduct reference checks with your previous employers; and
- 6. other purposes directly relating to any of the above.

Direct marketing

Where you have given your consent and have not subsequently opted out, we may also use your name, mailing address, telephone number and email address to send promotional materials to you and conduct direct marketing activities in relation to HKEX financial services and information services, and financial services and information services offered by other members of the Group.

If you do not wish to receive any promotional and direct marketing materials from us or do not wish to receive particular types of promotional and direct marketing materials or do not wish to receive such materials through any particular means of communication, please contact us through one of the communication channels set out in the "Contact Us" section below. To ensure that your request can be processed quickly please provide your full name, email address, log in name and details of the product and/or service you have subscribed.

Identity Card Number

We may also collect your identity card number and process this as required under applicable law or regulation, as required by any regulator having authority over us and, subject to the PDPO, for the purpose of identifying you where it is reasonable for your identity card number to be used for this purpose.

Transfers of personal data for direct marketing purposes

Except to the extent you have already opted out we may transfer your name, mailing address, telephone number and email address to other members of the Group for the purpose of enabling those members of the Group to send promotional materials to you and conduct direct marketing activities in relation to their financial services and information services.

Other transfers of your personal data

For one or more of the purposes specified above, your personal data may be:

- transferred to other members of the Group and made available to appropriate persons in the Group, in Hong Kong or elsewhere and in this regard you consent to the transfer of your data outside of Hong Kong;
- supplied to any agent, contractor or third party who provides administrative, telecommunications, computer, payment, debt collection, data processing or other services to HKEX and/or any of other member of the Group in Hong Kong or elsewhere; and
 other parties as notified to you at the time of collection.

How we use cookies

If you access our information or services through the HKEX website, you should be aware that cookies are used. Cookies are data files stored on your browser. The HKEX website automatically installs and uses cookies on your browser when you access it. Two kinds of cookies are used on the HKEX website:

Session Cookies: temporary cookies that only remain in your browser until the time you leave the HKEX website, which are used to obtain and store configuration information and administer the HKEX website, including carrying information from one page to another as you browse the site so as to, for example, avoid you having to re-enter information on each page that you visit. Session cookies are also used to compile anonymous statistics about the use of the HKEX website.

Persistent Cookies: cookies that remain in your browser for a longer period of time for the purpose of compiling anonymous statistics about the use of the HKEX website or to track and record user preferences.

The cookies used in connection with the HKEX website do not contain personal data. You may refuse to accept cookies on your browser by modifying the settings in your browser or internet security software. However, if you do so you may not be able to utilise or activate certain functions available on the HKEX website.

Compliance with laws and regulations

HKEX and other members of the Group may be required to retain, process and/or disclose your personal data in order to comply with applicable laws and regulations or in order to comply with a court order, subpoena or other legal process (whether in Hong Kong or elsewhere), or to comply with a request by a government authority, law enforcement agency or similar body (whether situated in Hong Kong or elsewhere) or to perform or discharge the Regulatory Functions. HKEX and other members of the Group may need to disclose your personal data in order to enforce any agreement with you, protect our rights, property or safety, or the rights, property or safety of our employees, or to perform or discharge the Regulatory Functions.

Corporate reorganisation

As we continue to develop our business, we may reorganise our group structure, undergo a change of control or business combination. In these circumstances it may be the case that your personal data is transferred to a third party who will continue to operate our business or a similar service under either this Privacy Policy Statement or a different privacy policy statement which will be notified to you. Such a third party may be located, and use of your personal data may be made, outside of Hong Kong in connection with such acquisition or reorganisation.

Access and correction of personal data

Under the PDPO, you have the right to ascertain whether we hold your personal data, to obtain a copy of the data, and to correct any data that is inaccurate. You may also request us to inform you of the type of personal data held by us. All data access requests shall be made using the form prescribed by the Privacy Commissioner for Personal Data ("Privacy Commissioner") which may be found on the official website of the Office of the Privacy Commissioner or via this link

https://www.pcpd.org.hk/english/publications/files/Dforme.pdf

Requests for access and correction of personal data or for information regarding policies and practices and kinds of data held by us should be addressed in writing and sent by post to us (see the "Contact Us" section below).

A reasonable fee may be charged to offset our administrative and actual costs incurred in complying with your data access requests.

Termination or cancellation

Should your account or relationship with us be cancelled or terminated at any time, we shall cease processing your personal data as soon as reasonably practicable following such cancellation or termination, provided that we may keep copies of your data as is reasonably required for archival purposes, for use in relation to any actual or potential dispute, for the purpose of compliance with applicable laws and regulations and for the purpose of enforcing any agreement we have with you, for protecting our rights, property or safety, or the rights, property or safety of our employees, and for performing or discharging our functions, obligations and responsibilities.

General

If there is any inconsistency or conflict between the English and Chinese versions of this Privacy Policy Statement, the English version shall prevail.

Contact us

By Post: Personal Data Privacy Officer Hong Kong Exchanges and Clearing Limited 12/F., One International Finance Centre 1 Harbour View Street Central Hong Kong

By Email:

DataPrivacy@HKEX.COM.HK