

Report Description

Latest updates are highlighted in orange

Risk - Northbound MSCD Requirement Report

Report ID : RMCNM03

Report Name : Risk - Northbound MSCD Requirement Report

Purpose : This report shows the Mainland Security Deposit (MSCD) requirement together with the details of MSCD computation for Northbound China Connect markets. This report is only applicable to the China Connect Clearing Participants (CCCP).

Time Available : Around 9:30 a.m. of the first business day of each month after the monthly calculation process at around 9:00 a.m. of that day

******** During Familiarisation Programme, only reports generated on the first business day of each month will be available via RAP at around 2:00 p.m. ********

Frequency : Monthly

Report Data File Layout

Two zip files, i.e. a control file and a data file, will be generated for RMCNM03 and available in RAP for retrieval. After unzip, the files are in CSV format with comma (,) as separator. Alphanumeric values are not enclosed by double quotation mark (“) unless they contain comma (,), the separator.

(A) Control file:

File Name : RMCNM03_<CCASS Part_ID>_yyyymmddhhmmss.CNTL.ZIP (compressed format)

Content : Two control records

Field Description:

<u>#</u>	<u>Data item</u>	<u>Data size</u>	<u>Remarks</u>
<u>Control Record 1</u>			
(R1)	Key	X(2)	00 for Header record
(R2)	File Date	9(8)	File generation date formatted as “YYYYMMDD”
(R3)	Business Date	9(8)	Date of MSCD calculation formatted as “YYYYMMDD”
(R4)	Report ID	X(7)	RMCNM03
(R5)	File Sequence Number	9(8)	HKEX internal file sequence number formatted as ‘nnnnnnnn’. e.g. 00000004. For HKEX internal use only
<u>Control Record 2</u>			
(R1)	Key	X(2)	09 for Trailer record
(R2)	Record Count	9(15)	Number of records in the data file, including header, formatted as ‘nnnnnnnnnnnnnnnnn’ e.g. 000000000000201 is 201 records

(B) Data File:

File Name : RMCNM03_<CCASS Part_ID>_yyyymmddhhmmss.CSV.ZIP (compressed format)

Content : Contains at least 2 records. The first record is the header record which provides the field names in the data file. The rest of the records provide details on the MSCD requirement information for each Northbound China Connect market.

Field Description:

#	Data item	Data size	Remarks
(R1)	Batch	9(19)	The batch ID of Risk - Northbound MSCD Requirement Report
(R2)	IDM	9(1)	ID to identify when the report is generated 3 – Intraday report
(R3)	Create Time	X(17)	File generation date and time formatted as “YYYYMMDD HH:MM:SS”
(R4)	Business Date	9(8)	Date of calculation formatted as “YYYYMMDD”
(R5)	Country	9(2)	The two-digit ISO 3166-1 country code for countries and their subdivisions HK – Hong Kong
(R6)	Product Area	X(2)	CN – China
(R7)	Market	X(30)	SZMK – Shenzhen Market MAMK – Shanghai Market
(R8)	Market ID	9(3)	The ID of the Market where the MSCD requirement belongs to: 203 – MAMK 204 – SZMK
(R9)	Exchange	X(2)	HK – Hong Kong
(R10)	Participant ID	X(9)	Participant ID
(R11)	Account	X(10)	MA1 – Main Account of the Participant, in which the positions are captured for MSCD calculation
(R12)	Participant Name	X(80)	Name of the Participant
(R13)	CCY	X(3)	Trading currency of the instrument: CNY – Chinese Yuan
(R14)	Position Indicator	X(8)	HKEX internal reference. Show as MTHYMSCD

#	<u>Data item</u>	<u>Data size</u>	<u>Remarks</u>
(R15)	Average Daily Net Trading Amount	9(20)v9(5)	Sum of the daily net trading amount of previous 6 months over number of days traded by the CP in the previous 6 months
(R16)	Mainland Security Deposit Rate (%)	X(6)	Mainland Security Deposit Rate applied for the corresponding market, shown in %
(R17)	Minimum Amount	9(20)v9(5)	Minimum Mainland Security Deposit requirement in the corresponding market
(R18)	MSCD Requirement	9(20)v9(5)	The higher of Average Daily Net Trading Amount * Mainland Security Deposit Rate (%) vs the Minimum Amount, in the corresponding market i.e. $\text{Max}[(R15) * (R16) , (R17)]$

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Sample Control and Data Files

(A) Sample files:

Control File for Data File: RMCNM03_B00001_20210503205600.CNTL

```
RMCNM03_B00001_20210503205600.CNTL
1 00,20210503,20210503,RMCNM03,00000001
2 09,000000000000000003
```

Data File: RMCNM03_B00001_20210503205600.CSV

```
RMCNM03_B00001_20210503205600.CSV
1 Batch,IDM,Create Time,Business Date,Country,Product Area,Market,Market ID,Exchange,Participant ID,Account,Participant Name,CCY,Position Indicator,Average
  Daily Net Trading Amount,Mainland Security Deposit Rate,Minimum Amount,MSCD Requirement
2 789,3,20210503 20:56:00,20210503,HK,CN,MAMK,203,HK,B00001,MA1,B00001 PARTICIPANT FULL NAME,CNY,MTHYMSCD,657874.00000,16.40%,200000.00000,200000.00000
3 789,3,20210503 20:56:00,20210503,HK,CN,SZMK,204,HK,B00001,MA1,B00001 PARTICIPANT FULL NAME,CNY,MTHYMSCD,3425234.00000,18.50%,0.00000,633668.00000
4
```

- Excel view:

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Batch	IDM	Create Time	Business Date	Country	Product Area	Market	Market ID	Exchange	Participant ID	Account	Participant Name	CCY	Position Indicator
2	789	3	20210503 20:56:00	20210503	HK	CN	MAMK	203	HK	B00001	MA1	B00001 PARTICIPANT FULL NAME	CNY	MTHYMSCD
3	789	3	20210503 20:56:00	20210503	HK	CN	SZMK	204	HK	B00001	MA1	B00001 PARTICIPANT FULL NAME	CNY	MTHYMSCD
4														
	O	P	Q	R	S	T	U	V						
1	Average Daily Net Trading Amount	Mainland Security Deposit Rate	Minimum Amount	MSCD Requirement										
2	657874	16.40%	200000	200000										
3	3425234	18.50%	0	633668										
4														