

## **Report Description**

*Latest updates are highlighted in orange*

### **Risk - Northbound MSTD Requirement Report**

Report ID : RMCNM01

Report Name : Risk - Northbound MSTD Requirement Report

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

Time Available : This report will be available three times on each Northbound trading day:

- 1) at around 12:00 noon, after the intra-day MSTD calculation process at around 11:30 a.m.
- 2) at around 4:00 p.m., after the MSTD estimation process at around 3:30 p.m.
- 3) at around 8:00 p.m., after the end of day MSTD calculation process at around 7:30 p.m.

***\*\*\*\*\* During Familiarisation period, only reports generated for 3) end of day MSTD will be available via RAP at 8:00 p.m. \*\*\*\*\****

Frequency : 3 times daily

**Report Data File Layout**

Two zip files, i.e. a control file and a data file, will be generated for RMCNM01 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 :** RMCNM01\_<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>
<b><u>Control Record 1</u></b>			
(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 MSTD calculation formatted as "YYYYMMDD"
(R4)	Report ID	X(7)	RMCNM01
(R5)	File Sequence Number	9(8)	HKEX internal file sequence number formatted as 'nnnnnnnn'. e.g. 00000004. For HKEX internal use only
<b><u>Control Record 2</u></b>			
(R1)	Key	X(2)	09 for Trailer record
(R2)	Record Count	9(15)	Number of records in the data file, including header, formatted as 'nnnnnnnnnnnnnnnn' e.g. 0000000000000201 is 201 records

**(B) Data File:**

**File Name :** RMCNM01\_<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 separate details on the MSTD requirement information for each Northbound China Connect market.

**Field Description:**

<b>#</b>	<b><u>Data item</u></b>	<b><u>Data size</u></b>	<b><u>Remarks</u></b>
(R1)	Batch	9(19)	The batch ID of Risk - Northbound MSTD Requirement Report
(R2)	IDM	9(1)	ID to identify when the report is generated “2” – end of day MSTD requirement “3” – intraday and estimated MSTD requirement
(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 MSTD 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 MSTD calculation
(R12)	Participant Name	X(80)	Name of the Participant

<b>#</b>	<b><u>Data item</u></b>	<b><u>Data size</u></b>	<b><u>Remarks</u></b>
(R13)	CCY	X(3)	Trading currency of the instrument: CNY – Chinese Yuan
(R14)	Position Indicator	X(6)	HKEX internal reference. Show as 1530SH, 1530SZ, FBSRSH, FBSRSZ, AD-HOC or Blank
(R15)	Buy Turnover	9(20)v9(5)	Total buy turnover in the corresponding market
(R16)	Overdue Short Position	9(20)v9(5)	Contract value of total overdue short positions in corresponding market at day-end
(R17)	SPSA Sell Turnover	9(20)v9(5)	Total sell turnover from Special Segregated Accounts (SPSA) in the corresponding market
(R18)	Daily MSTD Requirement	9(20)v9(5)	Daily MSTD requirement in the corresponding market i.e. [(R15) + (R16) + (R17)] * (R23)
(R19)	Average Daily Buy Turnover	9(20)v9(5)	Sum of Buy Turnover in the corresponding market in the previous month over number of trading days having buy turnover in that month
(R20)	Average Overdue Short Position	9(20)v9(5)	The average overdue short position on the day with buy turnover in previous month. Sum of contract value of Overdue Short Position in the corresponding market on each trading day with buy turnover in the previous month over number of trading days having buy turnover in that month
(R21)	Average Daily SPSA Sell Turnover	9(20)v9(5)	Sum of SPSA Sell Turnover in the corresponding market on each trading day in the previous month over number of trading days having SPSA Sell Turnover in that month
(R22)	Monthly MSTD Requirement	9(20)v9(5)	Monthly MSTD Requirement in the corresponding market i.e. [(R19) + (R20) + (R21)] * (R23)
(R23)	Mainland Settlement Deposit Rate	X(6)	Mainland Settlement Deposit Rate applied for the corresponding market, shown in %
(R24)	MSTD Requirement	9(20)v9(5)	The higher of Daily MSTD Requirement (R18) vs Monthly MSTD requirement (R22) in the corresponding market i.e. Max[(R18) , (R22)]

**Disclaimer:**

1. The information contained in this document is for familiarisation purposes only and should not be used in any commercial context or form including reliance of such information for any purpose.
2. Nothing in this document constitutes an offer, solicitation, invitation or recommendation to buy or sell any securities, futures contracts or other products or to provide any investment advice or service of any kind. This document is not directed at, and is not intended for distribution to or use by, any person or entity in any jurisdiction or country where such distribution or use would be contrary to law or regulation or which would subject Hong Kong Exchanges and Clearing Limited, The Stock Exchange of Hong Kong Limited, Hong Kong Futures Exchange Limited, HKEx Information Services Limited (together, the “Entities”, each an “Entity”), or any of their affiliates or any of the companies that they operate, to any registration requirement within such jurisdiction or country. Nothing in this document may be regarded as creating any obligation on the part of any of the Entities.
3. Although the information contained in this document is obtained or compiled from sources believed to be reliable, none of the Entities guarantees the accuracy, validity, timeliness or completeness of the information or data for any particular purpose. None of the Entities and the companies that they operate shall accept any responsibility for, or be liable for, errors, omissions or other inaccuracies in the information or for the consequences thereof. The information set out in this document is provided on an “as is” and “as available” basis and may be amended or changed. It is not a substitute for professional advice which takes account of your specific circumstances and nothing in this document constitutes legal advice. None of the Entities shall be responsible or liable for any loss or damage, directly or indirectly, arising from the use of or reliance upon any information provided in this document.

**Sample Control and Data Files**

**(A) Sample files:**

Control File for Data File: RMCNM01\_B00001\_20210507205600.CNTL

RMCNM01_B00001_20210507205600.CNTL	
1	00,20210507,20210507,RMCNM01,00000001
2	09,0000000000000003

Data File: RMCNM01\_B00001\_20210507205600.CSV

RMCNM01_B00001_20210507205600.CSV																
1	Batch	IDM	Create Time	Business Date	Country	Product Area	Market	Market ID	Exchange	Participant ID	Account	Participant Name	CCY	Position Indicator	Buy Turnover	Overdue Short Position
2	824	2	20210507 20:58:00	20210507	HK	CN	MAMK	203	HK	B00001	MA1	B00001 PARTICIPANT FULL NAME	CNY	FBSRSH	2630748.5	0
3	824	2	20210507 20:58:00	20210507	HK	CN	SZMK	204	HK	B00001	MA1	B00001 PARTICIPANT FULL NAME	CNY	FBSRSH	5965368.27	0
4																

- Excel view:

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Batch	IDM	Create Time	Business Date	Country	Product Area	Market	Market ID	Exchange	Participant ID	Account	Participant Name	CCY	Position Indicator	Buy Turnover	Overdue Short Position
2	824	2	20210507 20:58:00	20210507	HK	CN	MAMK	203	HK	B00001	MA1	B00001 PARTICIPANT FULL NAME	CNY	FBSRSH	2630748.5	0
3	824	2	20210507 20:58:00	20210507	HK	CN	SZMK	204	HK	B00001	MA1	B00001 PARTICIPANT FULL NAME	CNY	FBSRSH	5965368.27	0
4																

  

	Q	R	S	T	U	V	W	X
1	SPSA Sell Turnover	Daily MSTD Requirement	Average Daily Buy Turnover	Average Overdue Short Position	Average Daily SPSA Sell Turnover	Monthly MSTD Requirement	Mainland Settlement Deposit Rate	MSTD Requirement
2		0	473535	1024595.87	0	184427	18.00%	473535
3		0	1073766	8326215.81	0	1498719	18.00%	1498719
4								