

JR

**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

JR/T 0055.3-2009

**Technical specifications on bankcard interoperability - Part 3:
File data format
(English Translation)**

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Foreword

JR/T 0055 Technical specifications on bankcard interoperability consists of the following five parts.

- Part 1. Transaction processing;
- Part 2. Message interface;
- Part 3. File data format;
- Part 4. Data secure transmission control;
- Part 5. Communication interface.

This Part is Part 3 of JR/T 0055.

This Part was proposed by People's Bank of China.

This Part shall be under the jurisdiction of National Technical Committee on Finance of Standardization Administration of China.

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Technical specifications on bankcard interoperability

- Part 3. File data format

1 Scope

This Part of this Standard specifies the file data format passed and exchanged between agency and switching center, including file naming and record format definition. This Part does not specify the file transmission method. The specific transmission method shall be confirmed by all parties involved in the transaction.

This Part of this Standard applies to the switching center, the acquirer, the issuer who conduct the inter-bank transaction of bank card.

2 Normative references

The provisions in following documents become the provisions of this Standard through reference in this Standard. For dated references, the subsequent amendments (excluding corrigendum) or revisions do not apply to this Standard, however, parties who reach an agreement based on this Standard are encouraged to study if the latest versions of these documents are applicable.

For undated references, the latest edition of the referenced document applies.

GB/T 15150-94, Bank card originated messages - Interchange message specifications - Content for financial transactions (ISO 8583.1987)

3 Symbols

The symbols in this Part are described in Table 1.

Table 1 -- Symbolic notation

Symbol Instruction

a Letter a ~ z

n Number 0 ~ 9

s Special character

an Letter and numeric character

as Letter and special character

ns Number and special character

ans Letter, number and special character

MM Month, 01 to 12

Date of settlement See description on field 15 in Part 2 Message interface specifications n4

Message type Message type corresponding to online request message (not reply message)
n4

Transaction treatment code See description on field 3 in Part 2 Message interface
specifications n6

Merchant type See description on field 18 in Part 2 Message interface specifications n4

Enter method code of

service point

See description on field 22 in Part 2 Message
interface specifications n3

Function code See description on field 25 in Part 2 Message interface specifications n2

Retrieve reference number See description on field 37 in Part 2 Message interface
specifications an12

Authorization identification

reply code

See description on field 38 in Part 2 Message
interface specifications an6

Reply code See description on field 39 in Part 2 Message interface specifications an2

Terminal identification code

of card acceptor

See description on field 41 in Part 2 Message
interface specifications ans8

Card acceptor identification

code

See description on field 42 in Part 2 Message

interface specifications ans15

Transaction currency code See description on field 49 in Part 2 Message interface specifications an3

Settlement currency code

See description on field 50 in Part 2 Message

interface specifications, appearing in the document

with exchange rate information

an3

Settlement exchange rate

See description on field 9 in Part 2 Message interface

specifications, appearing in the document with

exchange rate information

n8

Transaction initiation

channel

See description on "transaction initiation channel" in

field 60 in Part 2 Message interface specifications n2

Original transaction system

tracking number

See description on field 90.2 in Part 2 Message

interface specifications n6

Original transaction date and

time

See description on field 90.3 in Part 2 Message

interface specifications n10

Receiving agency