Card Stop List Export

Contents

Chapter 1. Card Stop List Export

The *Card Stop List Export* file contains information on blocked cards. The file is outgoing of WAY4.

The files are generated in the ASCII format. The length of each record is 185 bytes including 2 bytes of the line delimiter (CRLF). Each line of the file contains a single message. The following types of messages are stored in the file: the file header, the file footer, the transaction messages. The header comes first in the file, whereas the footer is the last message.

The formats of the file fields are as follows:

- **n** is a numeric field containing only digits; the field is right-aligned and it should to be appended with leading zeros to reach the specified length.

- **an** is a character field containing any printable characters; the field is left-aligned, it should be appended with trailing blanks to reach the specified length.

- **JJJ** is a date, where JJJ – represent the day number of the year (ranging from 001 to 366).

- **YYMM** is a date, where YY – represent the last two digits of the year number (00 … 99) and MM – the month of the year (01 … 12).

- **YYYYMMDD** is a date, where YYYY – represent the year (0000 … 9999), MM – the month of the year (01 … 12) and DD – the day of the month (01 … 31).

- **HHMISS** is time, where HH – is the hour (00 … 23), MI – is the minute (00 … 59), SS – is the second (00 … 59).

- **b** is a binary field only used to store line delimiter characters.

Money amounts are stored in the minimal units (cents, pennies …).

The flags specifying if the entry of data in the field is mandatory, are as follows:

- **M** - the entry of data is mandatory,

- **N** - the entry of data is optional,

- **X** - the entry of data depends on values specified in the other fields.

If no data is stored in the field, it has to be filled with space characters (blanks).

The file name format is as follows:

N	Field	Pos	Len	M/O	Format	Comments
1.	File Name Prefix	1	5	M	an	**"STP_F"** / **"STP_U"**
2.	Delimiter	6	1	M	an	"_" (one <underscore> character).
3.	File Number	7	2	M	n	The file number in the current day.
4.	Delimiter	9	1	M	an	"**.**"
5.	File Creation Date	10	3	M	JJJ	File creation date.

The file header format is as follows:

N	Field	Pos	Len	M/O	Format	Comments
1.	Row Code	1	2	M	an	**"FH"**
2.	Row Number	3	6	M	n	The line number in the file (000001 - is assigned to the header).
3.	File Label	9	10	M	an	"**STOP LIST** "
4.	Version	19	3	M	an	"**10** "
5.	Reserved	22	6	M	an	To be filled with spaces.
6.	File Creation Date	28	8	M	YYYYMMDD	The date when the file was created.
7.	File Creation Time	36	6	M	HHMISS	The time when the file was created.
8.	File Number	42	4	M	n	The file number in the current day. Right-aligned, padded with leading zeroes.
9.	List Type	46	1	M	an	"**F**" – Full stop-list. "**U**" – Stop-list changes.
10.	Previous Update Date	47	8	M	YYYYMMDD	Date when the previous file was created.
11.	Previous Update Number	55	4	M	n	The previous file number in its day. Right-aligned, padded with leading zeroes.
12.	Reserved	59	124	M	an	To be filled with spaces
13.	Terminal Symbol	183	1	M	an	"*****"
14.	Delimiter	184	2	M	b	**0x0D**, **0x0A** (CRLF)

The file footer format is as follows:

N	Field	Pos	Len	M/O	Format	Comments
1.	Row Code	1	2	M	an	"**FT**"
2.	Row Number	3	6	M	n	The line number in the file.

N	Field	Pos	Len	M/O	Format	Comments
3.	Number of Records	9	6	M	n	Quantity of records in the file.
4.	Reserved	15	168	M	an	To be filled with spaces.
5.	Terminal Symbol	183	1	M	an	"*"
6.	Delimiter	184	2	M	b	**0x0D**, **0x0A** (CRLF)

The format of transaction messages is as follows:

N	Field	Pos	Len	M/O	Format	Comments
1.	Row Code	1	2	M	an	"**RD**"
2.	Row Number	3	6	M	n	The line number in the file
3.	Operation	9	1	M	an	"**A**" – The card is added to the stop-list.. "**D**" – The card is removed from the stop-list.
4.	Range Type	10	1	M	an	"**C**" – Single card. "**R**" – Range of card numbers.
5.	Card Number	11	24	C	an	Single card number.
6.	Card Range Low Boundary	35	24	C	an	Low range of card numbers.
7.	Card Range High Boundary	59	24	C	an	High range of card numbers.
8.	Reserved	83	100	M	an	To be filled with spaces.
9.	Terminal Symbol	183	1	M	an	"*"
10.	Delimiter	184	2	M	b	**0x0D**, **0x0A** (CRLF)