

Introduction

The Charge Transaction Record Standard Interface File (SIF) is the format of the file that contains your site's charge transactions that are loaded during migration.

Purpose of This Chapter

This section discusses the layout of the Charge Transaction Record SIF.

- Input File specification
- File format fixed segment

Input File Specification

The data required for the Charge Transaction Records should be supplied in the following manner.

Each charge transaction record should be one continuous string, terminated by a line-feed (N).

The fields must be the indicated length and must all be present and in a specific order and format.

The data fields which are designated numeric must be right-justified and zero-filled on the left.

The data fields which are designated strings (not designated numeric) should be left-justified and blank-filled on the right but not hex-null-terminated.

The date format should be entered as CCYY.MM.DD and the Time format should be entered as HH:MM, where C is century, Y is year, M is month, D is day, H is hour, and S is second.

The data fields which are supplied (not blanks or zeroes) will be updated if they already exist or added if they do not.

Charge Transaction Record SIF Format

The following conventions are used in the listed tables.

Item # Represents the relative position of the item in the record (sequence).

NOTE:

In all the following tables, the first column, Item #, consists of the field sequence numbers which are not to be included in the record.

Item name Definition of the item.

Type Definition of the type of input.

Offset Actual starting position of the item in the record relative to 1.

Format Format of the variable.

s String, left-justified/blank filled.

n Numeric, right-justified/zero-filled.

d Date in the format ccyy.mm.dd, where c is the century, y is the year, m is the month, and d is the day. The maximum high value is 2382.12.31 which can be used no expiration. This field may be blank under certain conditions.

t Time in the format HH:MM.

b Blanks.

Required Y for yes, the field must have valid data in it (not just blanks).

[Table 19-1](#) defines the format required for all incoming records.

Table 19-1. Charge Transaction Standard Interface File Format

Item #	Item Name	Type	Offset	Format	Required	Length	Description
01	item barcode	varchar	1	s	Y	25	Barcode link to item record.
02	patron barcode	varchar	26	s	Y	25	Barcode link to the patron record.
03	date charged	date	51	d	Y	10	Date the item was checked out to a patron.
04	time charged	time	61	t	Y	5	Time the item was checked out to a patron.
05	date due	date	66	d	Y	10	The most current date the item is expected back.
06	time due	time	76	t	Y	5	The most current time the item is expected back.
07	date renewed	date	81	d	N	10	The most current date the item was renewed.
08	time renewed	time	91	t	N	5	The most current time the item was renewed.
09	renew count	numeric	96	n	N	5	The number of times the item has been renewed.
10	overdue notice count	numeric	101	n	N	3	The number of overdue notices sent for the item record.
11	overdue notice date	date	104	d	N	10	The last date an overdue notice was sent for the item record, if the overdue notice count is greater than zero.