



# **BATA Collections Interface Control Document**

**Rev. 4.0**

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# ACS

## State and Local Solutions, Inc.

### Revision History

Revisions of this document are listed in chronological order. There is no relationship between the document release number and the software release number.

Document Version Number	Date of Revision	Descriptions of Revisions	Software Version Number
1.0	06/18/04	First formatted version	
2.0	01/02/08	Updated ICD based on discussion with BATA/Collection Vendor	
3.0	01/22/08	1. Updated trailer record in Section 1.4.3.4 2. Updated section 1.5	
4.0	07/08/09	1. Added violation NIXIE status to section 1.4.3.3	

### Document Ownership

<b>Owner</b>	ACS State and Local Solutions, Rockville MD
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**Important:** This document has been through a formal review process. To the best of our knowledge it is accurate. ACS reserves the right to make further modifications as necessary.

Document Location:

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# 1. Violation Collection File Interface Control Document

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## 1.1 Overview

This document describes in detail the file types, file layouts and file descriptions about the collection file exchange between BATA (ACS) and the Collection agency.

## 1.2 File Generation Frequency

1. ACS will generate a new file in every X number of days.
2. ACS will generate an update file in every X number of days.

## 1.3 Term Definitions

<b>LPAD</b>	Field is left-padded with spaces or zeros as indicated in the description column.
<b>RPAD</b>	Field is right-padded with spaces or zeros as indicated in the description column.
<b>CHAR</b>	A single character field.
<b>STRING</b>	A field that will support alphanumeric and special characters supported under Unicode.
<b>DATE</b>	A sequence of digits representing the date (and in some cases the time also).
<b>NUMBER</b>	A sequence of digits only.
<b>SIGNED NUMBER</b>	A sequence of digits only preceded by the + / - sign.
<b>1,6,2</b>	This format represents a signed field in which the leftmost position is the sign indicator. The next 6 digits indicate the integral part of a floating-point number. The last 2 digits indicate 2 positions to the right of the decimal. The decimal is not displayed on the field.

# 1.4 New File Specifications: From ACS - Collections

## 1.4.1 Description

The file contains the information for the accounts where the citation\_level is in (COLL3) and citation\_status is in (PAIDPART or OPEN). There are 4 types of records.

## 1.4.2 File Name

AA2CO2\_YYYYMMDDHHMMSS.NEW

Where: AA is Agency ID and YYYYMMDDHHMMSS is file creation date and time.

## 1.4.3 File Layout

### 1.4.3.1 File Header Record

Field	Length	Format	Description
Recordtype	1	Char	Always 'H'
DateTime	14	Char	eg. 20040304000000

### 1.4.3.2 Demographic Information: File Detail Record

Field	Length	Format	Description
Recordtype	1	Char	Always 'N'
AccountNo	16	Char	BATA Fastrak account number
FirstName	40	Char	First Name
LastName	40	Char	Last Name
CompanyName	50	Char	Company Name - For Account_type COML or Business
Street_1	40	Char	Address Line1
Street_2	40	Char	Address Line1
City	30	Char	City
Zipcode	6	Char	Zip Code
State	2	Char	State
Filler	1	Char	Ignore this character
Account_type	2	Char	01 PRIVATE 02 COMMERCIAL 03 BUSINESS 08 PVIOLATOR

Field	Length	Format	Description
			09 NONREVENUE 10 CVIOLATOR

### 1.4.3.3 Transaction Information: File Detail Record

Field	Length	Format	Description
Recordtype	1	Char	Always 'D'
CitationNumber	13	Char	Notice Number begins with 'T'
CitationDetailSeq	3	Char	Violation sequence # in the notice
AccountNo	16	Char	BATA Fastrak account number
CitationDate	8	Char	First notice issuance date
TxDate	8	Char	Violation Occurrence Date
TxTime	6	Char	Violation Occurrence Time
AgencyId	2	Char	Agency where the violation occurred
PlazaId	3	Char	Plaza where the violation occurred
LaneId	5	Char	Lane where the violation occurred
TollDue	4+2	Numeric	Toll Balance on the violation.
FeeDue	4+2	Numeric	Fee balance on the Violation.
NSFDue	4+2	Numeric	Bounced Check Fee balance on the violation.
TotalDue	4+2	Numeric	Total Balance.
PlateNumber	10	Char	License plate number
Plate State	2	Char	License plate State
NDTEV	8	Char	Second notice issuance date ( <a href="#">Notice of delinquent toll evasion</a> )
VIOLETION NIXIE INDICATOR	1	CHAR	1 – NIXIE Violation status 0 – Regular

### 1.4.3.4 File Trailer Record

Field	Length	Data Type	Description
Transaction Type	1	CHAR	Value = E
Total no. of transactions	9	NUMBER	LPAD zeros
Total dollar amount	12	SIGNED NUMBER	First field is sign indicator (-), then LPAD zeros for remaining 9 NUMERIC fields. E.g., a negative balance of \$150,000.25 is represented as -00015000025

# 1.5 Acknowledgement File – From Collection Agency to ACS

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## 1.5.1 Description

The collection agency will acknowledge the receipt of the SEND files through acknowledgement files. The intent is to confirm proper transmission of the SEND file and the ability to open, read and process the records in it.

## 1.5.2 File Name

{*DAT file name w/o .DAT extension being acknowledged*}.ACK

## 1.5.3 File Layout

1. The record in the acknowledgement file will be a single line.
2. All fields in the trailer record are mandatory.
3. The fields are length delimited and the length of the fields is indicated in the table below.
4. All fields that do not fill the entire field will be padded with zeros or spaces as indicated under the *Description* column.

Field #	Field Name	Length	Data Type	Format	Description
1	Original File Name being Acknowledged	35	STRING	See Section <a href="#">1.2.2</a> & <a href="#">1.3.2</a>	
2	Original File Sequence Number	8	NUMBER		
3	File Processing Status	2	NUMBER		00 = Success, 01 = Failure to read.
4	Acknowledgement File Creation Timestamp	14	DATE		YYYYMMDDHHMNSS in 24-hour format
5	Total no. of transactions from SEND file	9	NUMBER		LPAD zeros
6	Total dollar amount from SEND file	12	SIGNED NUMBER	1,9,2	First field is sign indicator (-), then LPAD zeros for remaining 9 NUMERIC fields. E.g., a negative balance of \$150,000.25 is represented as -00015000025

# 2. Negative Account Balance Collection File Interface Control Document

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## 2.1 Collection Send File – New Accounts

### 2.1.1 Description

1. After an account has gone to RVKF (Revoked Final) status, the customer is given an additional 15 days (actual no. of days is parameter driven) to respond, failing which the account is sent for collections. The following sections describe the file name and structure for the header, detailed and trailer records of the file that will be sent to the collection agency.
2. If applicable, a separate file will be created for each agency. Therefore, a single run of the **Collection Send** batch job could potentially create the specific number of NEW files.

### 2.1.2 File Name

1. *{AGENCY SHORT NAME, max 4 chars}\_COLLNEW\_{8-digit sequence no.}\_MMDDYYYY.DAT*
2. *AGENCY SHORT NAME* –
3. *8-digit sequence no.* – This will be a unique no. which will determine the chronological order in which files should be processed by the recipient. This will be unique across all files (both NEW and UPD files) sent for collection.
4. *MMDDYYYY* – 2-digit month (MM), 2-digit day (DD), 4-digit year (YYYY) of the date the file was created. E.g., File name created on May 15,  
`<AGENCYNAME>_COLLNEW_0000001_05152003.DAT`

### 2.1.3 File Layout

#### 2.1.3.1 Header Record

1. The header record will be a single line and will appear as the first line in the file.
2. The header record will start with an H as indicated in the field details below. All fields in the header record are mandatory.
3. The fields are length delimited and the length of each field is indicated in the table below.
4. All fields that do not fill the entire field will be padded with zeros or spaces as indicated under the *Description* column.

Field #	Field Name	Length	Data Type	Format	Description
1	Transaction Type	1	CHAR		Value = H
2	File Name	35	STRING	See section <a href="#">1.2.2</a>	RPAD spaces.
3	File Creation Timestamp	14	DATE	YYYYMMDDHHMNSS	Hours in 24-hour format
4	File Sequence No.	8	NUMBER		This sequence no. will be shared across both NEW and UPD files being sent to the collection agency.  E.g., The first file sent will have the sequence no. 00000001. The second file sent, which could be a NEW or UPD file will have the sequence no. 00000002

### 2.1.3.2 Detail Record

1. All detail records will begin with an N denoting a new record.
2. The fields are length delimited and the length of each field is indicated in the table below.
3. All fields, that do not fill the entire field, or are optional, will be padded with zeros or spaces as indicated under the *Description* column.

Field #	Field Name	Length	Data Type	Optional	Format	Description
1	Transaction Type	1	CHAR			Value = N (New record)
2	Account Number	16	STRING			RPAD spaces
3	Account Type	2	NUMBER			LPAD zeros; Values = 01 for Private Accounts, 02 for Commercial Accounts, 03 for Business Accounts.
4	Agency Code	4	STRING			Values =
5	First Name	25	STRING			RPAD spaces; Contact First Name for Business Accounts
6	Middle Name	25	STRING	Y		RPAD spaces; Contact Middle Name for Business Accounts
7	Last Name	25	STRING			RPAD spaces; Contact Last Name for Business Accounts
8	Company Name	50	STRING	Y		RPAD spaces. Business accounts only.
9	Address Line 1	40	STRING			RPAD spaces
10	Address Line 2	40	STRING	Y		RPAD spaces
11	City	28	STRING			RPAD spaces
12	State	2	STRING			
13	Zip Code	6	STRING			RPAD spaces
14	ZipPlus4	4	NUMBER	Y		Spaces if not available.
15	Country	4	STRING			RPAD spaces
16	Day Phone	10	NUMBER	Y		No special characters. E.g., 2403141553 or spaces
17	Evening Phone	10	NUMBER	Y		No special characters. E.g., 2403141553 or spaces

18	Original Balance When Revocation Process Started	9	SIGNED NUMBER		1,6,2	First field is sign indicator (-), then LPAD zeros for remaining 8 NUMERIC fields. E.g., a negative balance of \$75.25 is represented as -00007525
19	Date Revocation Process Started	8	DATE			YYYYMMDD
20	Tag Deposit Forfeited	9	SIGNED NUMBER		1,6,2	This field will reflect the existing tag deposit for the account when it was revoked.  First field is sign indicator (+), then LPAD zeros for remaining 8 NUMERIC fields. E.g., a positive amount of \$30.00 is represented as +00003000
21	Lost Tag Fees	9	SIGNED NUMBER		1,6,2	This field will reflect the lost tag fees charged to the account when it was revoked.  First field is sign indicator (-), then LPAD zeros for remaining 8 NUMERIC fields. E.g., a negative amount of \$50.00 is represented as -00005000
22	Account Revocation Fee	9	SIGNED NUMBER		1,6,2	This field will reflect the account revocation fee that was charged to the account when it was revoked.  First field is sign indicator (-), then LPAD zeros for remaining 8 NUMERIC fields. E.g., a negative amount of \$25.00 is represented as -00002500
23	Account Balance After RVKF	9	SIGNED NUMBER		1,6,2	Current balance before account goes to RVKF status without any fees being applied.  First field is sign indicator (-), then LPAD zeros for remaining 8 NUMERIC fields. E.g., a negative balance of \$90.25 is represented as -00009025
24	Date Went RVKF	8	DATE			YYYYMMDD
25	Current Balance For Collection	9	SIGNED NUMBER		1,6,2	This reflects the most recent collection amount before account goes to collection agency. This amount is inclusive of all fees and credits applied.  First field is sign indicator (-), then LPAD zeros for remaining 8 NUMERIC fields. E.g., a negative balance of \$188.25 is represented as -00018825
26	Violation Balance When Sent For Collection	9	SIGNED NUMBER		1,6,2	Current violation balance before account goes to collection agency.  First field is sign indicator (+ / -), then LPAD zeros for remaining 8 NUMERIC fields. E.g., a negative balance of \$15.25 is represented as -00001525

### 2.1.3.3 Trailer Record

1. The trailer record will be a single line and will appear as the last line in the file.
2. The trailer record will start with an E as indicated in the field details below.
3. All fields in the trailer record are mandatory.
4. The fields are length delimited and the length of each field is indicated in the table below.

5. All fields that do not fill the entire field will be padded with zeros or spaces as indicated under the *Description* column.

Field #	Field Name	Length	Data Type	Format	Description
1	Transaction Type	1	CHAR		Value = E
2	Total no. of NEW transactions	9	NUMBE R		LPAD zeros
3	Total dollar amount – NEW Transactions	12	SIGNED NUMBE R	1,9,2	First field is sign indicator (-), then LPAD zeros for remaining 9 NUMERIC fields. E.g., a negative balance of \$150,000.25 is represented as -00015000025

## 2.2 Acknowledgement File – From Collection Agency to ACS

---

### 2.2.1 Description

The collection agency will acknowledge the receipt of the SEND files through acknowledgement files. The intent is to confirm proper transmission of the SEND file and the ability to open, read and process the records in it.

### 2.2.2 File Name

*{DAT file name w/o .DAT extension being acknowledged}.ACK*

### 2.2.3 File Layout

The record in the acknowledgement file will be a single line.

All fields in the trailer record are mandatory.

The fields are length delimited and the length of the fields is indicated in the table below.

All fields that do not fill the entire field will be padded with zeros or spaces as indicated under the *Description* column.

Field #	Field Name	Length	Data Type	Format	Description
7	Original File Name being Acknowledged	35	STRING	See Section <a href="#">1.2.2</a> & <a href="#">1.3.2</a>	
8	Original File Sequence Number	8	NUMBER		
9	File Processing Status	2	NUMBER		00 = Success, 01 = Failure to read.
10	Acknowledgement File Creation Timestamp	14	DATE		YYYYMMDDHHMNSS in 24-hour format
11	Total no. of transactions from SEND file	9	NUMBER		LPAD zeros
12	Total dollar amount from SEND file	12	SIGNED NUMBER	1,9,2	First field is sign indicator (-), then LPAD zeros for remaining 9 NUMERIC fields. E.g., a negative balance of \$150,000.25 is represented as -00015000025

## 2.2.4 Violation Notice StatusCode Mapping Table

Status Code	Description
0004	OPEN
0005	PAID FULL
0006	PAID PART
0007	DISMISSED
0009	UNCOLLECTABLE