Intra-governmental Payment and Collection System

IPAC

CSV/TSV Layout

For

Federal Program Agencies

Document	IPAC CSV/TSV File Layout	Page Number	2
Manual	IPAC Base	Release Number	2.0
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Application Overview

The Intra-governmental Payment and Collection System (IPAC) was implemented on December 3, 2001. IPAC replaced the On-line Payment and Collection (OPAC) system that had been operational since 1985. IPAC was designed to transfer funds between government agencies and provide the capability to include descriptive information related to each transaction. This descriptive information assists FPAs with their monthly reconciliation.

Previously, OPAC transactions were entered and collected on a daily basis and consolidated nightly. Data and reports were available for all users on a next day basis due to overnight batch processing. Now, IPAC customers have instant access to their data and reports due to the implementation of immediate processing of their transactions.

The majority of OPAC customers entered and printed data via a PC-based user interface. In the IPAC application, this has been enhanced to include a Graphical User Interface (GUI), on-line interactive processing and increased edit capabilities. With IPAC, FPAs also have the capability to send IPAC data via a bulk file transfer method.

Since the implementation of IPAC, many government-wide initiatives have begun affecting the way intra-governmental transactions are processed. The changes being made to IPAC are in direct support of: (1) FMS' Governmentwide Accounting Project (GWA), (2) Intra-governmental Transaction Elimination Efforts and (3) OMB's Intra-governmental Transaction Portal (IGTP). These layout changes include making several existing fields required as well as adding additional fields to the bulk file layout.

IPAC was implemented with the ability for agencies to submit their transactions via a bulk transfer method. At that time, those layouts were defined and issued as Release 1.0. Those bulk file layouts will remain effective until Release 2.0 of the IPAC Bulk File Format is implemented. When Release 2.0 is implemented, this revised CSV/TSV layout will be in place as well. FMS expects that the new layout will be implemented in 4th QTR FY2003.

Layout Convention

The following convention was used in the CSV/TSV format for this document.

- Numeric fields with an implicit decimal are described in the '**Length**" column as two separate numbers separated by a decimal. The first number represents the total length of the field. The second number represents the implicit decimal places within the field.

  > For example, a numeric field defined as 14.2 has a total of 14 bytes with 2 decimal places.

Data Download Purpose

The IPAC Transaction Report Download and Headquarters Transaction Download menu options on the IPAC Main Menu, exports transaction data by ALC from IPAC in a standardized format. It produces a **C**omma **S**eparated **V**alue (CSV)[1] or **T**ab **S**eparated **V**alue (TSV)[2] file that can be imported by other software (for example, Microsoft Access or Microsoft Excel) for further data analysis or processing.

The data retrieved in the download will contain all payment, collection and adjustment transactions received by and sent by the requested ALC for a given time period.

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[1] CSV is a file format that separates data fields with commas. The character data is usually surrounded by quotes.
[2] TSV is a file format that uses tab characters (ASCII 9) as separators between fields. Unlike comma delimited (CSV) files, the character data is not usually surrounded by quotes.

IPAC Transaction Report Download and Headquarters Transaction Download Format

APPLICATION: IPAC

DATA: IPAC Transactions in CSV/TSV Format

FLOW: Output from IPAC to Federal Program Agencies

APPLICATION DATA

Column Name	Column Type	Length
Transaction ID	Numeric	16
Submitter ALC	Numeric	8
Originating ALC	Numeric	8
Customer ALC	Numeric	8
Contact Name	Alphanumeric	60
Contact Email Address	Alphanumeric	80
Contact Phone Number	Alphanumeric	17
Summary Amount	Numeric	14.2
Number of Detail Items	Numeric	6
Accomplished Date	Date	8 (MM/DD/YY)
Accounting Date	Date	8 (MM/DD/YY)
Detail Line Number	Numeric	6
Contract Number	Alphanumeric	17
Purchase Order Number	Alphanumeric	22
CLIN	Alphanumeric	6
Invoice Number	Alphanumeric	22
Requisition Number	Alphanumeric	15
Quantity	Numeric	12.2
Unit of Issue	Alphanumeric	2
Unit Price	Numeric	19.2
Detail Amount	Numeric	14.2
Pay Flag	Alphanumeric	1
FY Obligation ID	Alphanumeric	1
Receiver Treasury Account Symbol	Alphanumeric	27
Receiver BETC	Alphanumeric	8
Receiver DUNS	Alphanumeric	9
Receiver DUNS+ 4	Alphanumeric	4

Column Name	Column Type	Length
Sender Treasury Account Symbol	Alphanumeric	27
Sender BETC	Alphanumeric	8
Sender DUNS	Alphanumeric	9
Sender DUNS+4	Alphanumeric	4
Receiver Department Code	Alphanumeric	2
Accounting Classification Code	Alphanumeric	16
ACRN	Alphanumeric	12
Job Project Number	Alphanumeric	20
JAS Number	Alphanumeric	30
FSN AAA ADSN	Numeric	8
Obligating Document Number	Alphanumeric	17
ACT Trace Number	Alphanumeric	15
Description	Alphanumeric	320
Miscellaneous Information	Alphanumeric	320
Transaction Type[3]	Alphanumeric	1
IPAC Document Reference Number	Alphanumeric	8
Sender DO Symbol	Alphanumeric	5
DODACC	Alphanumeric	15
Transaction Contact	Alphanumeric	60
Transaction Contact Phone	Alphanumeric	17
Voucher Number	Alphanumeric	8
Original DO Symbol	Alphanumeric	5
Original Accomplished Date	Date	8 (MM/DD/YY)
Original Accounting Date	Date	8 (MM/DD/YY)
Original Document Reference Number	Alphanumeric	8
Original Transaction Type	Alphanumeric	1
Sender SGL Comment	Alphanumeric	255
Receiver SGL Comment	Alphanumeric	255
SGL Number 1	Numeric	4
SGL Sender/Receiver Flag 1	Alphanumeric	1
SGL Federal Flag 1	Alphanumeric	1
SGL Debit/Credit Flag 1	Alphanumeric	1
SGL Amount 1	Numeric	14.2
SGL Number 2	Numeric	4
SGL Sender/Receiver Flag 2	Alphanumeric	1
SGL Federal Flag 2	Alphanumeric	1
SGL Debit/Credit Flag 2	Alphanumeric	1
SGL Amount 2	Numeric	14.2

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[3] Transaction Type field will contain 'P' for payments, 'C' for collections, and 'A' for adjustments.

Column Name	Column Type	Length
SGL Number 3	Numeric	4
SGL Sender/Receiver Flag 3	Alphanumeric	1
SGL Federal Flag 3	Alphanumeric	1
SGL Debit/Credit Flag 3	Alphanumeric	1
SGL Amount 3	Numeric	14.2
SGL Number 4	Numeric	4
SGL Sender/Receiver Flag 4	Alphanumeric	1
SGL Federal Flag 4	Alphanumeric	1
SGL Debit/Credit Flag 4	Alphanumeric	1
SGL Amount 4	Numeric	14.2
SGL Number 5	Numeric	4
SGL Sender/Receiver Flag 5	Alphanumeric	1
SGL Federal Flag 5	Alphanumeric	1
SGL Debit/Credit Flag 5	Alphanumeric	1
SGL Amount 5	Numeric	14.2
SGL Number 6	Numeric	4
SGL Sender/Receiver Flag 6	Alphanumeric	1
SGL Federal Flag 6	Alphanumeric	1
SGL Debit/Credit Flag 6	Alphanumeric	1
SGL Amount 6	Numeric	14.2
SGL Number 7	Numeric	4
SGL Sender/Receiver Flag 7	Alphanumeric	1
SGL Federal Flag 7	Alphanumeric	1
SGL Debit/Credit Flag 7	Alphanumeric	1
SGL Amount 7	Numeric	14.2
SGL Number 8	Numeric	4
SGL Sender/Receiver Flag 8	Alphanumeric	1
SGL Federal Flag 8	Alphanumeric	1
SGL Debit/Credit Flag 8	Alphanumeric	1
SGL Amount 8	Numeric	14.2
SGL Number 9	Numeric	4
SGL Sender/Receiver Flag 9	Alphanumeric	1
SGL Federal Flag 9	Alphanumeric	1
SGL Debit/Credit Flag 9	Alphanumeric	1
SGL Amount 9	Numeric	14.2
SGL Number 10	Numeric	4
SGL Sender/Receiver Flag 10	Alphanumeric	1
SGL Federal Flag 10	Alphanumeric	1
SGL Debit/Credit Flag 10	Alphanumeric	1
SGL Amount 10	Numeric	14.2

Column Name	Column Type	Length
SGL Number 11	Numeric	4
SGL Sender/Receiver Flag 11	Alphanumeric	1
SGL Federal Flag 11	Alphanumeric	1
SGL Debit/Credit Flag 11	Alphanumeric	1
SGL Amount 11	Numeric	14.2
SGL Number 12	Numeric	4
SGL Sender/Receiver Flag 12	Alphanumeric	1
SGL Federal Flag 12	Alphanumeric	1
SGL Debit/Credit Flag 12	Alphanumeric	1
SGL Amount 12	Numeric	14.2
SGL Number 13	Numeric	4
SGL Sender/Receiver Flag 13	Alphanumeric	1
SGL Federal Flag 13	Alphanumeric	1
SGL Debit/Credit Flag 13	Alphanumeric	1
SGL Amount 13	Numeric	14.2
SGL Number 14	Numeric	4
SGL Sender/Receiver Flag 14	Alphanumeric	1
SGL Federal Flag 14	Alphanumeric	1
SGL Debit/Credit Flag 14	Alphanumeric	1
SGL Amount 14	Numeric	14.2
SGL Number 15	Numeric	4
SGL Sender/Receiver Flag 15	Alphanumeric	1
SGL Federal Flag 15	Alphanumeric	1
SGL Debit/Credit Flag 15	Alphanumeric	1
SGL Amount 15	Numeric	14.2
SGL Number 16	Numeric	4
SGL Sender/Receiver Flag 16	Alphanumeric	1
SGL Federal Flag 16	Alphanumeric	1
SGL Debit/Credit Flag 16	Alphanumeric	1
SGL Amount 16	Numeric	14.2