



Shared Accounting Module (SAM)

Application Overview

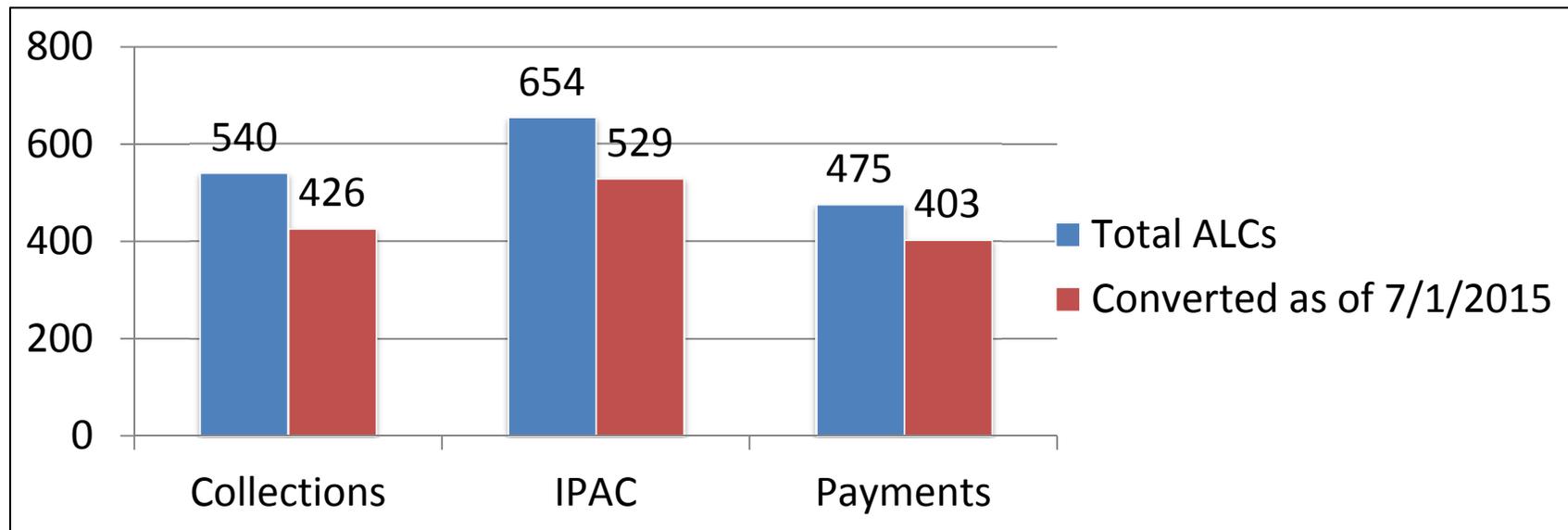
Harold Grice & Ryan McCluskey
August 17, 2015

Presentation Outline

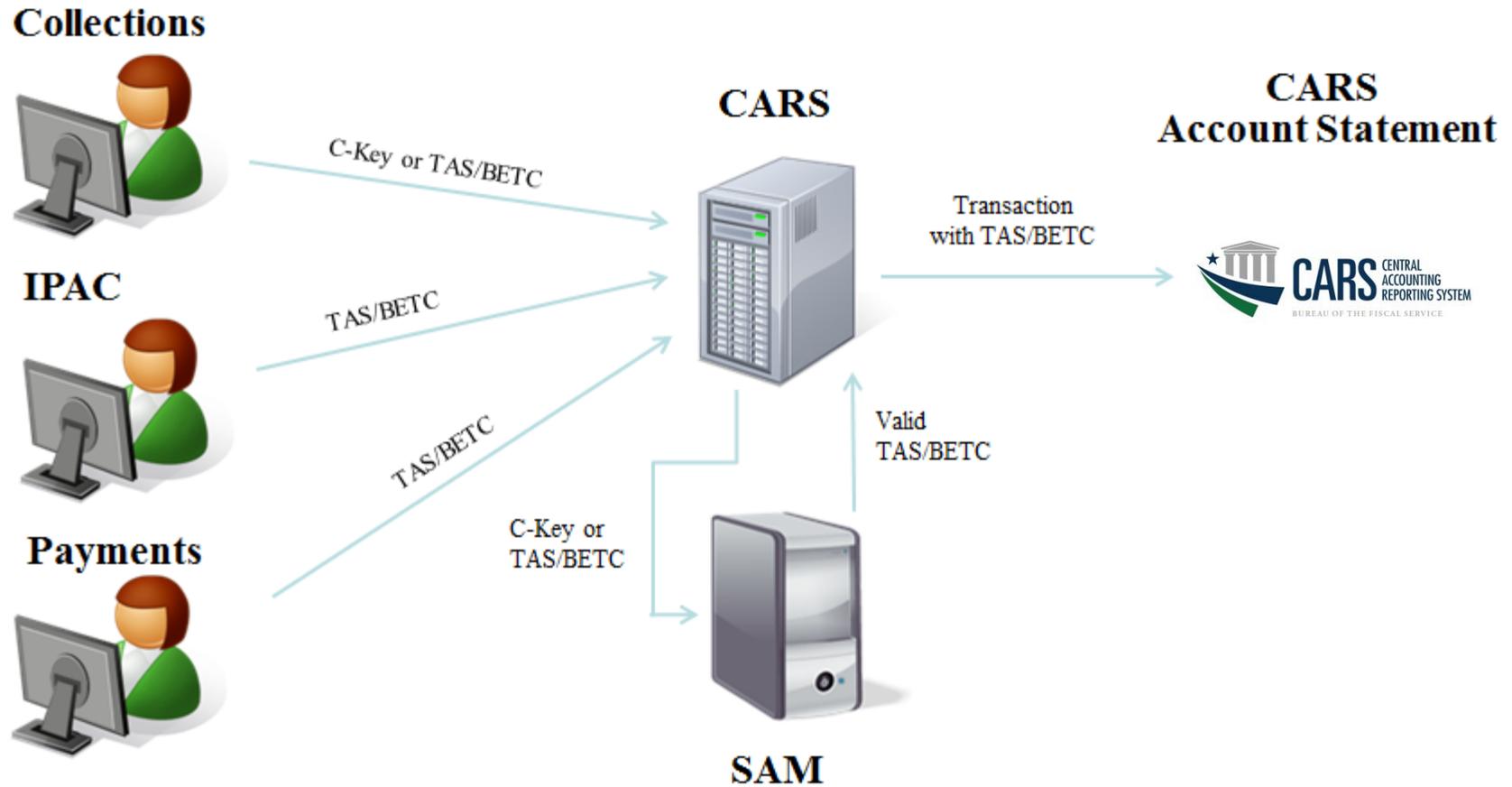
- Status Update
- Functionality Overview
- Setup & Requirements
- SAM Reports
- TAS/BETC References
- Enterprise Reference Data
- Questions

Status Update

- CARS Reporters
- SAM User Base
 - Unique ALCs (843)
 - Unique Users (647)



Functionality Overview



Functionality Overview

SAM Operates In Three Modes

- Validates TAS/BETC data on IPAC & Payment transactions (**Validation Mode**).
- Translates classification keys (C-Keys) into TAS/BETC data for Collections, RITS & TRACS transactions (**Translation Mode**).
- Provides a fail-safe in the event a TAS/BETC or C-Key cannot be validated for any reason (**Default Mode**). Collection & Payment transactions default to **F3500** and IPAC transactions default to **F3502**.

SAM Set Up & Requirements

Step 1 – Determine Access Group Structure

Step 2 – Create Cash Flow Profiles & Assign TAS/BETC's

Step 3 – Submit PLSA User Authorization Form

Step 4 – Provisioning Additional Users

Step 5 – Enter Default Rules

Step 6 – Upload Cash Flow Profiles

*All Agency Location Codes (ALCs) are required to complete the SAM set up process prior to becoming a CARS reporter.

SAM Set Up & Requirements

Available User Roles:

Admin: Primary Local Security Administrator (PLSA)*

Admin: Local Security Administrator (LSA)*

Business: Cash Flow Administrator (CFA)*

Business: Agency Viewer (AV)

Business: Data Download Role (DD)

* Mandatory User Roles

Common Reports

- Cash Flows by ALC
- Classification Statistics by Transaction
- Users by Access Group
- Agency Location Codes

The screenshot shows the SAM (System for Access Management) interface. At the top, there is a blue header with the SAM logo and navigation buttons for Home, Print, Help, About, and Logoff. Below the header, the interface is divided into a left navigation pane and a main content area. The left pane shows the user's name (Ryan A. McCluskey) and date (July 24, 2015), along with a list of navigation options: Manage Users, Upload ABA Routing Data, Business Training, Application Management, ERD Presentations, Partner Profiles, Classify Transactions, and Reports. The Reports option is highlighted with a red box. The main content area is titled 'Reports' and contains a sub-tabbed interface. The 'Business' tab is selected and highlighted with a red box. Below the tabs, the 'Business Reports' section is displayed, with the instruction 'Choose a report to execute.' and a list of report links: [Access Group Default Rules](#), [Access Group Default Rules Search](#), [Cash Flows by ALC](#), [Classification Statistics by File](#), and [Classification Statistics by Transaction](#).

SAM Reports

SAM Report: Cash Flows by ALC

User Role: CFA Role

The screenshot displays the SAM Reports interface. At the top, there is a navigation bar with the SAM logo and links for Home, Print, Help, About, and Logoff. Below this, a sidebar on the left shows the user's name (Sam Beta) and the date (May 20, 2015), along with a navigation menu including options like Manage Users, Business Training, and Reports. The main content area is titled 'Reports' and contains three tabs: Business, Exception, and Reference Data. The 'Business' tab is active, showing a form titled 'Cash Flows by ALC'. The form includes a text input field for 'ALC', a date input field for 'From' (pre-filled with 05/20/2015), and another text input field for 'To'. A legend indicates that an asterisk denotes a required field. At the bottom of the form are 'Clear' and 'Submit' buttons.

- Allows CFAs to pull all cash flow profiles that have been uploaded for their specific ALCs.

SAM Reports

Cash Flows by ALC Report (example)

Cash Flows by ALC													
Generated: 08/11/2015 9:13:33 AM EDT													
Selected Start Date: 8/11/2015													
Selected End Date:													
Selected ALC: 12345678													
Print													
AccessGroup: VBA													
Cash Flow Name: VBA 12345678 OTCNET													
Version: 1													
Effective Date: 09/10/2013													
Last Modified By: system													
ALC: 12345678													
Mechanism: OTCNET													
Version Description: Hines Center 12345678 OTCNET													
Expiration Date:													
Last Modified TS: 03/24/2015 9:17:42 PM EDT													
<u>C-Key Name</u>	<u>C-Key Value</u>	<u>DR/CR</u>	<u>SP</u>	<u>ATA</u>	<u>AID</u>	<u>BPOA</u>	<u>EPOA</u>	<u>A</u>	<u>MAIN</u>	<u>SUB</u>	<u>BETC</u>	<u>Percent</u>	<u>Invalid Reason</u>
Agency Accounting Code	36F3875	Debit			036			F	3875	000	COLLBCAJ	100%	
		Credit			036			F	3875	000	COLLBCA	100%	
	36X0102	Debit			036			X	0102	000	COLLAJ	100%	
		Credit			036			X	0102	000	COLL	100%	
	36X0137	Debit			036			X	0137	000	COLLAJ	100%	
		Credit			036			X	0137	000	COLL	100%	
AccessGroup: VBA Hines Finance Center													
Cash Flow Name: VBA 12345678 TRACS													
Version: 1													
Effective Date: 07/18/2013													
Last Modified By: system													
ALC: 12345678													
Mechanism: TRACS													
Version Description: HINES FINANCE CENTER													
Expiration Date:													
Last Modified TS: 03/24/2015 9:09:09 PM EDT													
<u>C-Key Name</u>	<u>C-Key Value</u>	<u>DR/CR</u>	<u>SP</u>	<u>ATA</u>	<u>AID</u>	<u>BPOA</u>	<u>EPOA</u>	<u>A</u>	<u>MAIN</u>	<u>SUB</u>	<u>BETC</u>	<u>Percent</u>	<u>Invalid Reason</u>
ALC	12345678	Debit			036			X	0102	000	COLLAJ	100%	
		Credit			036			X	0102	000	COLL	100%	

SAM Reports

SAM Report: Classification Statistics by Transaction

User Role: CFA Role

The screenshot displays the SAM Reports interface. At the top, there is a navigation bar with 'SAM' on the left and 'Home', 'Print', 'Help', 'About', and 'Logoff' on the right. Below this, a 'User' section shows 'Sam Beta' and 'May 20, 2015'. A 'Navigation' menu on the left lists options like 'Manage Users', 'Business Training', 'Manage Defaults', 'Manage Cash Flows', 'Upload Cash Flows', and 'Reports' (which is highlighted). The main content area is titled 'Reports' and contains three tabs: 'Business', 'Exception', and 'Reference Data'. The 'Business' tab is active, showing the 'Classification Statistics by Transaction' form. This form includes a header with the title and a sub-header: 'Enter the processing date range and other parameters governing the classification statistics you would like to view'. The form contains several fields with radio button options: '* From:' (05/14/2015), '* To:' (05/20/2015), '* Report Type:' (Transaction Requests (PDF), Transaction Outcome (PDF), Transaction Download (Excel)), '* Mechanism:' (All, Selected), '* Agency:' (All, Selected), '* ALC:' (All, Selected), '* Request Type:' (All, Selected), '* Summary Result:' (All, Selected), and '* Detail Result:' (All, Selected). A note at the bottom left states '* denotes required field'. At the bottom right, there are 'Clear' and 'Submit' buttons.

- Allows the user to view transaction outcomes based on a variety of different criteria (mechanism type, defaulted transactions, ALC, ETC.)

SAM Reports

Classification Statistics by Transaction Report (example)

Transaction Classification Requests										
Generated: 08/10/2015 5:41:56 PM EDT										
Processing Dates: 07/18/2015 - 08/24/2015										
	TAS_BETC Request	% of Total	C-Key Request	% of Total	Both	% of Total	Neither	% of Total	Total Count	Total Value
Agency: 001 Architect of the Capitol										
ALC: 12345678										
Type: Collection										
Mechanism: OTCNET										
					6	100%			6	\$111,007.44
					29	100%			29	\$16,397.00
Total Type: Collection										
					35	100%			35	\$127,404.44
Type: Intragovernmental										
Mechanism: IPAC										
					180	100%			180	\$20,445,503.58
Total Type: Intragovernmental										
					180	100%			180	\$20,445,503.58
Type: Payment										
Mechanism: TDO Payment										
					196	100%			196	\$20,428,989.68
Total Type: Payment										
					196	100%			196	\$20,428,989.68
Total ALC: 12345678										
					411	100%			411	\$41,001,897.70
ALC: 12345678										
Type: Collection										
Mechanism: CAS										
					53	100%			53	\$191,194.16
					16	100%			16	\$101,535.74
Total Type: Collection										
					69	100%			69	\$292,729.90
Total ALC: 12345678										
					69	100%			69	\$292,729.90
Total Agency: 001										
					480	100%			480	\$41,294,627.60

SAM Reports

SAM Report: Users by Access Group

User Role: PLSA & LSA



The screenshot displays the SAM Reports interface. At the top, there is a navigation bar with 'SAM' on the left and 'Home', 'Print', 'Help', 'About', and 'Logoff' on the right. Below this, a sidebar on the left contains a 'User' section with 'Sam Beta' and 'May 21, 2015', and a 'Navigation' section with links for 'Manage Users', 'Business Training', 'Security Training', and 'Reports' (which is highlighted). The main content area is titled 'Reports' and has two tabs: 'Security' (selected) and 'Reference Data'. Under the 'Security' tab, there is a section titled 'Security Reports' with the instruction 'Choose a report to execute.' Below this, a list of reports is shown: 'Access Group by ALC', 'Access Groups by User', 'ALCs by Access Group', 'User Information', 'Users by Access Group' (circled in red), and 'Users by Role'.

- Allows security administrative roles to view all users within their assigned access group.

SAM Reports

Users by Access Group Report (example)

Users by Access Group
Generated: 08/10/2015 3:32:58 PM EDT
Selected Access Group: National Gallery of Art

[Print](#)

Access Group: National Gallery of Art
Description:
ALCs: 12345678

SAM Role	SAM Status	User Name	User ID	E-mail	Employer
CFA, PLSA	Active	Albert Einstein	aeins500	A-Einstein@NGA.GOV	Users
CFA, LSA	Active	Mahatma Gandhi	mgand509	M-Gandhi@NGA.GOV	users
CFA	Active	Isaac Newton	inewt502	I-Newton@NGA.GOV	Users

SAM Reports

SAM Report: Agency Location Codes

User Role: PLSA, LSA, CFA, AV, & DD Roles

The screenshot shows the SAM Reports interface. At the top, there is a navigation bar with 'SAM' on the left and 'Home', 'Print', 'Help', 'About', and 'Logoff' on the right. Below this, a sidebar on the left contains 'User' information (Sam Beta, May 21, 2015) and a 'Navigation' menu with options: 'Manage Users', 'Business Training', 'Security Training', and 'Reports' (which is highlighted). The main content area is titled 'Reports' and has two tabs: 'Security' and 'Reference Data'. The 'Reference Data' tab is active, showing the 'Agency Location Codes' report configuration. The instructions state: 'Select the agency, bureau, and file format for the ALCs you would like to download.' There are three required fields: 'Agency' (a dropdown menu with 'Select...' text), 'Bureau' (a dropdown menu with 'Select...' text), and 'File Format' (radio buttons for 'Printer friendly' (selected) and 'Data only for download'). A note at the bottom indicates '* denotes required field'. At the bottom right of the form are 'Clear' and 'Submit' buttons.

- Lists all active agency location codes including the bureau code, ALC type, POC, and reporter status.

SAM Reports

Agency Location Code Report (example)

Agency Location Codes					
Generated: 08/10/2015 3:18:17 PM EDT					
Selected Department: ALL					
Selected Bureau: ALL					
<hr/>					
ALC: 12345678	Agency Name: Department of the Treasury	Contact Name: Albert Einstein	Agency ID: 020		
Location Line 1: FINANCIAL MANAGEMENT SERVICE		Contact Phone: XXX-XXX-XXXX	Bureau Code: 18		
Location Line 2: PHILADELPHIA FINANCIAL CENTER		City: CITY	ALC Type: RFC		
Location Line 3: POST OFFICE BOX XXX		State: STATE	Open Date: 07/14/1986		
Location Line 4: CITY, STATE		Zip Code: XXXXX	GWA Reporter:		
Location Line 5:					
<hr/>					
ALC: 87654321	Agency Name: Department of the Treasury	Contact Name: Mahatma Gandhi	Agency ID: 020		
Location Line 1: FINANCIAL MANAGEMENT SERVICE		Contact Phone: XXX-XX-XXXX	Bureau Code: 18		
Location Line 2: PHILADELPHIA FINANCIAL CENTER		City: CITY	ALC Type: RFC		
Location Line 3: P.O. BOX XXXX		State: STATE	Open Date: 01/01/2012		
Location Line 4: CITY, STATE		Zip Code: XXXXX	GWA Reporter:		
Location Line 5:					

TAS/BETC References

- SAM Application
 - TAS/BETC Search
- SAM Public Website
 - TAS/BETC Download

SAM Application - TAS/BETC Search

SAM Report: Treasury Accounts Report
User Roles: PLSA, LSA, & CFA Roles

The screenshot shows the SAM application interface. At the top, there is a navigation bar with the SAM logo and links for Home, Print, Help, About, and Logoff. On the left, a sidebar menu shows the user's name (Sam Beta) and date (May 20, 2015), along with navigation options like Manage Users, Business Training, and Reports. The main content area is titled 'Reports' and contains three tabs: Business, Exception, and Reference Data. The Reference Data tab is active, displaying a search form for Treasury Accounts. The form includes instructions to enter filter criteria for STAR, GWA, or CGAC Treasury Accounts. It features three sections: STAR Treasury Account Search Criteria with a TAS input field; GWA Treasury Account Search Criteria with TAS and BETC input fields; and CGAC Treasury Account Search Criteria with a grid of checkboxes for SP, ATA, AID, BPOA, EPOA, A, MAIN, SUB, and BETC. Clear and Submit buttons are located at the bottom of the form.

- Allows user to search for open and available TAS/BETCs based on the component or string format.

SAM Public Website

- Go to source for open and available TAS/BETC.
- Includes component TAS-BETC and String TAS.
- Variety of file formats to choose from.
- Username and password are not required.
- Updated daily to provide the latest TAS/BETC accounts.

SAM Public Website

<https://www.sam.fms.treas.gov/sampublic/>

FMS-RD
Financial Management Service Reference Data

Home
GWA Reference Data **Treasury Accounts** Reference Data!
Contact Us

Select Treasury Accounts

Welcome to the Financial Management Service's Reference Data web site. This site provides a list of values for Treasury Account Symbols (TAS) and Business Event Type Codes (BETC), part of FMS Accounting Data Standards (FADS). Agency Location Codes (ALC) are also FADS, and can be found at the Shared Accounting Module (SAM). A user id is necessary to access ALC information.

TAS components are eight meaningful pieces of business data, which combine to identify an account of the US Treasury. These components are joined with a Business Event Type Code (BETC) to report Federal government financial transactions.

Per Commissioner David Lebryk's January 14, 2011 letter to the CFO community [<http://www.fms.treas.gov/ccmm/final-CFO-letter-01-14-11.pdf>], FMS will use and collect the Component TAS and business event type code (BETC) from all internal and external systems as of October 1, 2014. For more information on transitioning to the Component TAS, refer to http://fms.treas.gov/cars/factsheet_tas.html.

What's New?

A new Business Transaction Type has been introduced. Non Treasury Disbursing Office (NTDO) Payment files are now available for download.

All files in XML format will follow FMS Treasury Account Symbol Records Message v3.0 Schema. The schema may be obtained at <http://fms.treas.gov/data/index.html>. Select Current FMS XML Release to download the current suite of schemas. The Treasury Account Symbol schema is located in the TAS folder. If you have any questions, please contact sam_testing@stls.frb.org.

Available Reference Files

This website also provides reference data download files in multiple formats, as well as mappings from the current TAS formats to the new Component TAS format.

SAM Public Website

<https://www.sam.fms.treas.gov/sampublic/tasbetc.htm/>

The screenshot shows a web browser window displaying the SAM Public Website. The page title is "Treasury Accounts" and the URL is "https://www.sam.fms.treas.gov/sampublic/tasbetc.htm/". The page features a navigation menu on the left with "Home", "GWA Reference Data", and "Contact Us". The main content area includes a header for "FMS-RD Financial Management Service Reference Data" and a section titled "Treasury Accounts". Below this, there is a note about clicking on file links and another note about retrieving files in compressed format. A table titled "Data Files (and approximate file sizes)" is displayed, with columns for "Data Type", "XML - ZIP", "XML", "CSV - ZIP", "CSV", "Excel CSV - ZIP", and "Excel CSV". The table lists various data types such as "Intragovernmental", "Collection", "Payment", "NTDO Payment", and "Authority Transaction", along with their respective file sizes in different formats. A red box highlights the "Data Type" column, and a red oval highlights the file format columns. A red arrow points from the text "Multiple File Formats Available" to the table.

Data Type	XML - ZIP	XML	CSV - ZIP	CSV	Excel CSV - ZIP	Excel CSV
Intragovernmental	1 MB	42 MB	710 KB	16 MB	800 KB	18 MB
Collection	1 MB	40 MB	740 KB	16 MB	750 KB	17 MB
Payment	640 KB	22 MB	440 KB	7 MB	450 KB	8 MB
NTDO Payment	1 MB	40 MB	700 KB	18 MB	700 KB	19 MB
Authority Transaction	2 MB	108 MB	1 MB	55 MB	2 MB	60 MB
Total Files	2 MB	140 MB	1 MB	70 MB	2 MB	75 MB

**Multiple File
Formats Available**

SAM Public Website

TAS/BETC Download Format

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	Outbound Time Stamp 2012-11-24T02:00:00-05:00 Inbound Last Received Time Stamp 2012-11-23T21:02:49-05:00 Inbound Last Changed Time Stamp 2012-11-23T21:02:49-05:00														
2	SP	ATA	AID	BPOA	EPOA	A	MAIN	SUB	Admin Bu	GWA TAS	GWA TAS Name	Agency N:	BETC	BETC Nam	Effective I
22993			020			X	0101	000	01	20X0101	SALARIES AND EX	DEPARTM	COLLAJ	Adjustme	1987-10-0:
22994			020			X	0101	000	01	20X0101	SALARIES AND EX	DEPARTM	DISB	Gross Disk	1987-10-0:
22995			020			X	0101	000	01	20X0101	SALARIES AND EX	DEPARTM	DISBAJ	Adjustme	1987-10-0:
22996			020	2007	2008		0101	000	01	2007/0801	SALARIES AND EX	DEPARTM	COLL	Offsetting	2006-10-0:
22997			020	2007	2008		0101	000	01	2007/0801	SALARIES AND EX	DEPARTM	COLLAJ	Adjustme	2006-10-0:
22998			020	2007	2008		0101	000	01	2007/0801	SALARIES AND EX	DEPARTM	DISB	Gross Disk	2006-10-0:
22999			020	2007	2008		0101	000	01	2007/0801	SALARIES AND EX	DEPARTM	DISBAJ	Adjustme	2006-10-0:
23000			020	2008	2008		0101	000	01	20080101	SALARIES AND EX	DEPARTM	COLL	Offsetting	2007-10-0:
23001			020	2008	2008		0101	000	01	20080101	SALARIES AND EX	DEPARTM	COLLAJ	Adjustme	2007-10-0:
23002			020	2008	2008		0101	000	01	20080101	SALARIES AND EX	DEPARTM	DISB	Gross Disk	2007-10-0:
23003			020	2008	2008		0101	000	01	20080101	SALARIES AND EX	DEPARTM	DISBAJ	Adjustme	2007-10-0:
23004			020	2008	2008		0101	000	01	20080101	SALARIES AND EX	DEPARTM	DISBCA	Payments	2007-10-0:
23005			020	2008	2008		0101	000	01	20080101	SALARIES AND EX	DEPARTM	DISBCAAJ	Adjustme	2007-10-0:

Component TAS

String TAS

BETC

Enterprise Reference Data

- Upon request SAM can provide ERD information to business partners on a daily, weekly or monthly basis.
- SAM Enterprise Reference Data consists of **Agency Location Code** and **TAS/BETC** information.
- For more information, please download the [Trading Partner Integration Guide](#).

Contact Information



SAM Contact Information

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[Fiscal Service Page](#)
[Application Website](#)
[Public Website](#)

Questions?