Specification for CIR XML Extract Files
(XML Schema Version 5.0.1)

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Version 2.00

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1. Revision History

Table 1: Revision History

Revision Number	Revision Date	Change Requested (Description)
V 0.02	October 22, 2014	Internal draft
V 0.03	November 12, 2014	Internal draft, updated attribute listing
V 0.04	November 24, 2014	Incorporated Fiscal Service feedback. Table 12 Dictionary of Attributes: Changed "TRS" to "CIR" for the CollRpt/IptSysTxt Appendix C: Changed "TRS" to "CIR" and updated sample XML.
V 1.00	November 24, 2014	Promoted to Final Version 1.00
V 1.01	June 30, 2015	Updated hyperlinks and screenshots for the EDA Fiscal Service XML 5.0.1 Schema following Fiscal Service domain name changes. Table 7 – CIR Processing Schedule for Creating Extract Files to add PayPal as STP EOD eligible. Added SVC and DVS to the lists of STP-Provided Data (Tables 4 and 5).
V1.02	July 15, 2015, July 20, 2015	Updated Table 2 – Table of Terms to align with the CIR Glossary. Updated Figure 2 – Collections Data Flow to include DVS. Updated Table 12 – Dictionary of Attributes for SVC and DVS.
V2.00	July 24, 2015	Incorporated Fiscal Service feedback. Promoted to Version 2.00.

2. Introduction

The Collections Information Repository (CIR) XML Extract Files process provides the ability for a user or system to receive an extract of all voucher and detail transaction data within a predefined file format. The primary use of these extracts is for system-to-system interfaces where the data will be imported into an agency system or other Receiving Trading Partner's (RTP) system.

The purpose of the XML Extract Files Specification is to provide a document that allows the members of the Information Technology (IT) staff to understand and process the output that is produced as a result of an agency or other RTP user defining a scheduled extract within CIR.

CIR is required to utilize the standard Bureau of the Fiscal Service (Fiscal Service) XML Schema format for receiving and sending collection data. The schema is developed and managed by Fiscal Service. The first iteration of XML extract files used version 4.3 of the Fiscal Service XML Schema. This iteration of XML extract files uses version 5.0.1 of the Fiscal Service XML Schema which can be accessed from the following website: https://www.fiscal.treasury.gov/data/. This specification document assumes that agencies will also access this site for detailed schema information.

2.1 Scope of this Document

Agencies have the capability to define three different extract types with different frequencies and selection criteria in CIR. The three extract types are:

- Summary Only – Only voucher-level information is extracted
- Detail Only – Only individual collection transaction-level information is extracted (credit card transactions, wires, ACH transactions). Supports extracting detail transactions types and statuses that may not be associated to vouchers.
- Summary and Detail – Voucher-level information along with any associated detail transactions is extracted. If no associated detail transactions are available, only voucher-level information will be provided.

Each of these three types has a single extract format. Within the extract definition, selection criteria can be used to determine which instances of data are selected.

The specification for each extract type is defined in this document. Since CIR was developed as a series of projects, it should be expected that as interfaces and data migration with Sending Trading Partners (STPs) occurs, additional information will be available in the extract file, and this specification will be updated. Primarily these changes are expected to be in Section 7.9 Attribute Definition, where additional metadata is provided that describes the specific meaning of a field for a particular STP. In this way the extract specification will evolve as more data is received into CIR.

2.2 Intended Audience

The intended users of this document are the technical staff at the Federal Agencies, Fiscal Service, and Financial Institutions who are using CIR. Since these extract files are intended primarily for system-to-system use because of the need to process the XML, this document should allow the members of the Information Technology (IT) staff to develop software to process the XML extract produced by CIR.

It is also expected that users of this document have a basic understanding of the CIR application, or have access to the CIR web site to obtain further information.

2.3 Related Documents

- CIR Application (https://www.cir.fiscal.treasury.gov/).
  From the home page, click **"File Transmissions"** for information on XML extracts, sample files, and links to additional resources, including the document titled "Fiscal Service XML Schema Version 5.0.1 In Plain Language".
- Fiscal Service EDA website (https://www.fiscal.treasury.gov/data/) – Provides detailed documentation on the current and the archived schemas.
- CIR website (https://www.fiscal.treasury.gov/fsservices/gov/rvnColl/cir/rvnColl_cir.htm) – Provides an overview, common questions, and general information on CIR.
- Definitions, Abbreviations, and Acronyms

2.3.1 General Terms

The table below displays the terms referenced in this document.

Table 2: Table of Terms

Term	Definition
ACH	Automated Clearing House Network – A nationwide batch-oriented electronic funds transfer system that provides for the inter-bank clearing of electronic payments for participating depository financial institutions. ACH is also the value used as the Financial Mechanism on transactions that take place on this network.
ACR or A/C/R	Adjustment Correction Rescission. See CIR Adjustments.
ALC	Agency Location Code – A numeric symbol used to identify an agency accounting location or regional financial office on accounting reports and documents. The ALC consists of an eight-digit agency accounting station, a four-digit disbursing office symbol, or a three-digit Treasury Financial Center symbol. An ALC is also a data type within CIR and is used to restrict access to data secured by an ALC.
BETC	Business Event Type Code – An eight-character code used in the CARS (formerly GWA or the Governmentwide Accounting system) to indicate the type of activity being reported, such as payments, collections, and borrowings.
BMS	Bank Management Service – A Fiscal Service program that provides compensation to depository institutions for processing transactions and provides services in connection with government payments and collections. BMS is a sub-system of the FRB system called Central Accounts Receivable System (CARS). See CARS (BMS).
BO	Business Objects – Commercial off-the-shelf software used by CIR to facilitate report creation.
Bureau of the Fiscal Service	(Formally Financial Management Service – FMS) – aka Fiscal Service – A bureau of the United States Department of the Treasury that provides central payment services to federal agencies, operates the Federal Government's collections and deposit systems, provides governmentwide accounting and reporting services, and manages the collection of delinquent debt owed to the government. Bureau of Fiscal Service also supports Federal Agencies' financial management improvement efforts in the areas of education, consulting, and accounting operations
Business Date	The Business Date represents the date used to identify the CIR Business Cycle associated to transmissions received from Sending Trading Partners (STPs). Based on business logic, either the Online Process Date or the Batch Process Date is used to set the business date on each input transaction received into CIR.
CAFE	Central Accounting Front-End System – A Fiscal Service system that captures data files from source systems and directs them to either STAR or CARS. STAR was retired March 2015 and CARS became the system of record, so all data is now sent only to GWA/CARS. CAFE receives data from CIR.

Term	Definition
CA$HLINK II	A decommissioned Fiscal Service system that used to manage the collection of U.S. government funds throughout the world and to provide deposit information to federal agencies.
Card Acquiring Service	A Fiscal Service program, formerly referred to as the Plastic Card Network (PCN), through which Fiscal Service collects obligations via credit or debit card transactions. Card Acquiring Service sends data to CIR. It receives transactions for card settlement from Pay.gov and directly from other external sources. Transactions from Pay.gov are reported in CIR with a Collection System/Reporting Program of Pay.gov. All other transactions are reported with a Collection System/Reporting Program of Card Acquiring Service.
CARS (BMS)	CARS is the Federal Reserve's Customer Accounts Receivables System. BMS is the Bank Management Service and is a module of CARS. (CARS is also the acronym for the Central Accounting Reporting System, a separate system.) Customer Accounts Receivable System/Bank Management Service (CARS/BMS) is a system for financial institutions to report monthly expenses incurred to compensate them for providing depositary services to support the Treasury's General Account (TGA) program. BMS is also a tool for Fiscal Service analysts and program managers to review those expenses every month and to approve those expenses online in order to compensate the depositaries accurately and in a timely manner.
CARS (GWA)	Central Accounting Reporting System – (formerly known as Govemmentwide Accounting – GWA) provides the central/financial accounting and reporting infrastructure for federal payments, claims, collections, central accounts and other financial transactions such as budget execution, accountability, and cash/other asset management. This includes the collection and dissemination of financial management and accounting information from and to federal program agencies. This infrastructure results in the accumulations of governmentwide financial information and the publication and release of various Treasury reports. For more information, see http://www.fiscal.treasury.gov/fsservices/gov/acctg/cars/cars_home.htm.
CAS	See Card Acquiring Service
CASH TRACK	A Fiscal Service system that supports the cash forecasting business line.
CCMM	Collections and Cash Management Modernization – A comprehensive, multi-year effort to streamline, modernize, and improve the processes and systems supporting Fiscal Service's and Treasury's collections and cash management programs. CCMM is a top strategic priority at Fiscal Service and in Treasury's Office of the Fiscal Assistant Secretary.
CGAC	Common Governmentwide Accounting Classification – A uniform structure and set of definitions for classifying the financial effects of government business activities.
Channel	Delivery method used by a remitter to initiate payment to an agency. Channel identifies the original point of payment initiation, the first interface between the end consumer/citizen and the government. Payment channels include mail, over the counter, internet, and bank.
Chargeback	A chargeback is the return of funds to a consumer, forcibly initiated by the consumer's issuing bank. Specifically, it is the reversal of a prior outbound transfer of funds from a consumer's bank account or line of credit. Chargebacks apply mainly to plastic card transactions when a credit cardholder initiates a refund for a purchase made on their credit card.
C-Key	Classification Key – A unique agency accounting code assigned to a transaction. Agencies will establish C-Keys in the Shared Accounting Module (SAM) for collection transactions that will be used to derive the appropriate values of Treasury Account Symbol (TAS)/Business Event Type Code (BETC).
CIR	Collections Information Repository – (formerly Transaction Reporting System – TRS) - is the Fiscal Service transaction broker, data warehouse, and reporting solution that

Term	Definition
	provides trading partners and Fiscal Service with the primary source of all financial transaction information across all collection systems. It is used by Federal Program Agencies (FPAs) to support reporting of revenue. CIR contains detailed and summarized records of revenue collections transactions processed by the Bureau of the Fiscal Service. CIR standardizes and optimizes the data it receives for both reporting and business analytics. Data flows to CIR from multiple collections systems. The collections systems receive and process FPAs' collections and send deposit and detailed transaction information to CIR so that FPAs can view, access, or download the information. CIR sends information to Federal Program Agencies (FPAs), the Central Accounting Reporting System (CARS), the Treasury Cash Management System (TCMS), the Bank Management System (BMS), and Cash Forecasting. Payment information is handled by the Payment Information Repository (PIR).
CIR Adjustments	CIR accepts adjustments, corrections, and rescissions (A/C/Rs) from Sending Trading Partners (STPs) using normal file processing. When STPs cannot use regular processing, they can enter A/C/Rs directly into CIR using a manual process. See ACR or A/C/R.
CLOB	Character Large Object - an Oracle data type that can hold up to 4 gigabytes of text.
Connect:Direct	Communications software used to connect the CIR network to the networks of the collection systems and Federal Program Agencies.
COTS	Commercial off-the-shelf – COTS is a term for software or hardware products that are ready-made and available for sale, lease, or license to the general public. They are often used as alternatives to in-house developments or one-off government-funded developments (GOTS). The use of COTS is being mandated across many government and business programs, as they may offer significant savings in procurement and maintenance.
Credit Gateway	A Fiscal Service settlement gateway that will receive all incoming wire transfers and ACH credit payments to the Federal government. The Credit Gateway interfaces directly with Federal Reserve Bank systems to process transactions. As collections are processed by the Credit Gateway, detail transaction information is sent in real time to Fiscal Service reporting systems, namely the Collections Information Repository (CIR). Legacy system payments will be migrated to the Credit Gateway including the Fedwire Deposit System (FDS) and the Remittance Express (REX) application, the Federal Reserve Electronic Tax Application (FR-ETA) and electronic lockboxes from the General Lockbox Network (GLN). The final migration will include ACH credit payments associated with the Electronic Federal Tax Payment System (EFTPS). The Credit Gateway sends data to CIR.
Credit Gateway Fedwire	The specific interface between USBank's Credit Gateway and CIR for the transmission of Fedwire transactions.
CSV	Comma Separated Values – CSV is a file format where each value in the file is separated from the next by using a comma.
DDA	Demand Deposit Account - An account from which deposited funds can be withdrawn at any time without any notice to the depository institution. For lockbox processing, this is an account maintained by the Treasury at the Lockbox Depositary for crediting agencies for lockbox deposits.
Debit Gateway	Debit Gateway is a settlement gateway that settles transactions from the over-the-counter, mail, phone, and Internet collection channels for check and ACH preauthorized Debits. After settlement, the Debit Gateway sends the settlement activity reports back to the channels and to FRB CA$H-LINK. Channels and FRB CA$H-LINK send information to CIR. Legacy system payments have been migrated to the new gateway, including Pay.gov (non-tax electronic payment portal), Electronic Check Processing (ECP) Paper Check Conversion Over the Counter (PCC OTC, now OTCnet echeck). Current channel

Term	Definition
	programs supported by Debit Gateway: Pay.gov, ECP, OTCnet (check capture), Agency Direct.
Deposit Information	Information regarding funds credited or debited to a Treasury account. Is also known as a voucher/deposit ticket/debit voucher.
Deposit Information (Summary)	A summarized record of financial transactions for a particular agency. Is also known as a voucher/deposit ticket/debit voucher.
DT or DTN	Deposit Ticket Number, also known as voucher.
DV or DVN	Debit Voucher Number, also known as voucher.
DVS	Direct Voucher System – This system will replace the functionality provided by the CIR STP Voucher Reporting GUI that channel applications can use to enter summary voucher information into CIR. High level functionality includes but is not limited to: manual and assisted A/C/R functionality, support of GWA classification, voucher entering, inquiring, and reporting and search and view capabilities.
EagleCash	EagleCash is a cash management tool designed to support U.S. military personnel deployed in combat zones and on peace-keeping missions. EagleCash cards are a type of payment card referred to as Stored Value Cards (SVC)
ECP	Electronic Check Processing – A Fiscal Service centralized check-clearing, report inquiry, and retrieval mechanism program as well as an imaging archive solution program. ECP interfaces with lockbox financial agents to electronically clear paper checks. ECP sends data to CIR.
EDA	Enterprise Data Architecture – Refers to the Fiscal Service team that serves as Fiscal Service's central focal point, consultant, and technical advisor on matters and issues related to data exchange, data administration and data standards.
EFTPS	The Electronic Federal Tax Payment System (EFTPS) is a free service from the U.S. Department of the Treasury. Since it began in 1996, millions of businesses, individuals, federal agencies, tax professionals, and payroll services have used EFTPS. All federal taxes can be paid using EFTPS using the EFTPS Web site, a voice response system, or special channels designed for tax professionals, payroll services, and financial institutions. EFTPS sends data to CIR.
Enterprise Architecture	A conceptual blueprint that defines the structure and operation of an organization. The intent of enterprise architecture is to determine how an organization can most effectively achieve its current and future objectives.
EPA (NACHA)	The Electronic Payments Association, formerly the National Automated Clearing House Association (NACHA), is an organization that develops electronic solutions to improve the ACH payment system in the United States. NACHA develops operating rules and business practices for the Automated Clearing House (ACH) Network and for electronic payments in the areas of Internet commerce, electronic bill presentment and payment (EBPP), electronic invoice presentment and payment (EIPP), e-checks, financial electronic data interchange (EDI), international payments, and electronic benefit transfer (EBT). See NACHA.
EZpay	EZpay is a cash management tool designed to support U.S. military personnel training in the Army, Air Force, and Marines. EZpay cards are a type of payment card referred to as Stored Value Cards (SVC).
FDS	Fedwire Deposit System – Decommissioned wire transfer collection system whereby remitters can instruct their banks to transfer payments by the Federal Reserve Communications System to Treasury's main account at the Federal Reserve Bank of New York. System was replaced by Credit Gateway Fedwire.
Fedwire	A nationwide program offered by the Federal Reserve Banks to provide real-time electronic funds transfers.
Financial Agent	A financial institution designated by the Secretary of the Treasury as a depositary and financial agent of the US Government. A designated financial agent of Fiscal Service provides financial services to Federal Program Agencies and the public. A depositary agent is specifically authorized to accept deposits of public money.

Term	Definition
Financial Transaction	Represents a financial instrument used for payment. A financial transaction may be equivalent to a single check or credit card payment.
Fiscal Service	See Bureau of the Fiscal Service.
FMS	Financial Management Service - A bureau of the United States Department of the Treasury that provides central payment services to federal agencies, operates the Federal Government's collections and deposit systems, provides governmentwide accounting and reporting services, and manages the collection of delinquent debt owed to the government. Fiscal Service also supports Federal Agencies' financial management improvement efforts in the areas of education, consulting, and accounting operations. Currently called Bureau of the Fiscal Service, or Fiscal Service.
FPA	Federal Program Agency – A permanent or semi-permanent organization of government that is responsible for the oversight and administration of specific functions.
FRB	Federal Reserve Bank – The Federal Reserve System (also the Federal Reserve; informally The Fed) is the central banking system of the United States.
FRB CA$H-LINK	FRB CA$H-LINK is the system for non-commercial funds settled and concentrated through the Federal Reserve. FRB CA$H-LINK provides CIR with 2 files. The reconciliation file is based on voucher-level information that Sending Trading Partners (STPs) and Gateways send to FRB CA$H-LINK, which then sends the information to CIR. CIR matches this information with vouchers received from the STPs and creates notifications when there is a non-match. CIR now always uses the voucher information reported by the STP and the FRB CL Reconciliation data file is for informational purposes only. The second file is the Miscellaneous file which contains other transactions reported thru FRB CA$H-LINK, not reported on any other input into CIR. These transactions are in the process of moving to directly report to CIR, or to report through DVS.
GWA	Governmentwide Accounting – GWA – The Assistant Commissioner area responsible for the maintenance of the federal government's set of accounts and accounting data. See also CARS above (CARS is the system of record for the government's financial data. Along with GTAS, CARS is a system under the GWA area.)
GWA Classifications	Breakdown of funds collected by Treasury Account Symbol (TAS)/Business Event Type Code (BETC) or C-Key for reporting to CARS, formerly called Governmentwide Accounting (GWA).
ISO	International Organization for Standardization - ISO is the organization responsible for the ISO 9000, ISO 14000, ISO 27000, ISO 22000 and other international management standards.
IT	Information Technology
Lockbox	A service offered by banks to organizations in which the organization receives payments by mail to a post office box, and the bank picks up the payments several times a day, deposits them into the organization's account, and notifies them of the deposit.
NACHA	The Electronic Payments Association, formerly the National Automated Clearing House Association, is an organization that develops electronic solutions to improve the ACH payment system in the United States. NACHA develops operating rules and business practices for the Automated Clearing House (ACH) Network and for electronic payments in the areas of Internet commerce, electronic bill presentment and payment (EBPP), electronic invoice presentment and payment (EIPP), e-checks, financial electronic data interchange (EDI), international payments, and electronic benefit transfer (EBT). It is also used to refer to the standard record format for processing ACH payments (NACHA format) which is documented in the NACHA standards. See EPA (NACHA).
Navy Cash	Navy Cash/Marine Cash was developed in partnership with DFAS, the U. S. Navy and Marine Corps, and the Department of the Treasury. All personnel permanently assigned to a ship are eligible to receive a Navy Cash/Marine Cash card. The Navy Cash/Marine Cash card is a branded debit card that looks like a typical debit or check card.

Term	Definition
OPS	CIR Operations - The Operations center that manages the day-to-day operations of the CIR Product in the Production Environment. This term can refer to the actual Operations center, employees of this center, or the CIR security community.
OTC	Over the Counter – OTC collections describes those funds that are received directly from the general public or other remitters by Federal Program Agencies.
OTCnet	A Fiscal Service program that serves as a channel application for all OTC transactions. It enables federal Agencies to integrate check capture and deposit reporting activities, consolidating management of all check and cash deposits through one Web-based application. OTCnet sends check capture and TGA data to CIR. There is an offline check capture capability for agencies operating in locations where internet connectivity and bandwidth are intermittent or unavailable.
OTCnet-CHK	Also referred to as OTCnet electronic check (echeck). One of two types of data sent by OTCnet to CIR. Voucher and detailed transaction information is sent to CIR. This represents collection activity reported through OTCnet channel application for personal and business checks that have been converted to electronic funds transfers. OTCnet-CHK replaced the PCC OTC program.
OTCnet-TGA	Also referred to as OTCnet Bank Deposit. One of two types of data sent by OTCnet to CIR. Only Voucher information is sent to CIR. This represents collection activity processed through a TGA Bank and reported through the OTCnet channel application.
PATAX/TIP	Paper Tax System/Treasury Investment Program – A decommissioned Fiscal Service system that collected, adjusted, and reported on advices of credit that represented paper federal tax deposits in commercial financial institutions.
Pay.gov	A secure government-wide collections portal providing the ability to complete forms, make payments, and submit queries 24 hours a day electronically. Customers can access their accounts from any computer with Internet access and can authorize electronic transaction funds transfers over the Internet that can be settled through a number of methods (Automated Clearing House (ACH), credit card, debit card, or Digital Wallet). Pay.gov sends data to CIR.
PCC OTC	Paper Check Conversion Over the Counter – A decommissioned Fiscal Service program which converted personal and business checks into electronic funds transfers. This program has been replaced by OTCnet echecks.
PDF	Portable Document Format
PII	Personally Identifiable Information – PII is any information about an individual maintained by an agency, including, but not limited to, education, financial transactions, medical history, and criminal or employment history and information which can be used to distinguish or trace an individual's identity, such as their name, social security number, date and place of birth, mother's maiden name, biometric records, etc., including any other personal information which is linked or linkable to an individual.
Program Data	Unstructured agency-specific data associated with collections. Typically, it includes remittance information posted to receivables. Program data is all business data associated with a collection transaction that is not explicitly defined. It is also known as “user data”, “form data” and “remittance data”. Program data is not required to settle the transaction in the banking arena, but it is vital for the Federal agencies administering the program under which the revenue is collected. Program data is expected to be highly variable in both format and content. A user must have the authority to view Personally Identifiable Information (PII) in CIR in order to view program data.
RTP	Receiving Trading Partner - A system that receives data from CIR.
SAM	Shared Accounting Module – A Fiscal Service program that allows agencies to classify all Fund Balance with Treasury transactions and adjustments to the appropriate Treasury Account Symbol (TAS) and Business Event Type code (BETC) at the time the transactions or adjustments are reported to the Treasury by assisting CARS (GWA) in classifying financial transactions as they occur. SAM provides CIR with supporting reference data (ALC information and ABA information). It is considered as the single

Term	Definition
	source for Enterprise Reference Data to government agencies and Treasury applications.
Settlement	The discharge of financial obligations with respect to a funds transfer between two or more parties.
STAR	The Federal government's legacy central accounting system, operated by Fiscal Service, decommissioned in March 2015.
Stored Value Card	See SVC
STP	Sending Trading Partner – A system that provides data to CIR.
SVC	Stored Value Card – A Fiscal Service program in which a plastic smart card represents money on deposit with the issuer and functions similarly to a debit card. The card's embedded computer chip contains the electronic value. The technology eliminates coin, currency, scrip, vouchers, money orders, and other labor-intensive payment mechanisms in closed government locations, such as military bases and ships at sea. The stored value card programs Eagle Cash, EZPay (U.S. Army, Air Force, and Marines), and Navy Cash (U.S. Navy) send data to CIR. EagleCash supports U.S. military personnel deployed in combat zones and on peace-keeping missions. EZPay supports U.S. military personnel training in the Army, Air Force, and Marines. NavyCash supports U.S. military personnel permanently assigned to a ship.
TAS	Treasury Account Symbol – Receipt, appropriation, expenditure and other fund account symbols and titles as assigned by the Department of the Treasury and Office of Management and Budget that identify a specific Treasury account.
TCMS	Treasury Cash Management System – A Fiscal Service program that provides federal cash concentration services for all deposits reported/processed through Treasury, settlement of all inflows and outflows affecting the Treasury's General Account, and cash accounting and reporting functions. TCMS receives data from CIR. Financial institutions must use the Federal Reserve Bank's National Settlement Service (NSS) for all Cash Concentration transfers.
TGAnet	Treasury General Account Deposit Reporting Network – This program was superseded by OTCnet.
TPA	CIR Trading Partner Agreement - TPA represents CIR-specific Trading Partner Extensions (TPE). The TPA acts as a CIR-defined subschema within the Fiscal Service Transaction Schema and is always defined as part of an instance of TPE. Starting with XML Schema version 5.0.1 there is no TPE/TPA defined.
TPE	Trading Partner Extension – TPE is a generic container for non-financial data, for example, program data that can be used with various entities as defined in the Fiscal Service Transaction Schema.
TRS	See CIR.
Voucher	A summary record that represents a grouping of detailed financial transactions for a particular agency for funds credited or debited to a Treasury account. It is also known as a deposit ticket or debit voucher (in the case of debits). Within the CIR ODS it is referred to as a Deposit Information record. Channels group detailed financial transactions into vouchers based on their own summarization logic. For example Pay.gov summarizes by ALC or ALC+2 based on the agencies defined preference. Card Acquiring Service summarizes by Chain/Division.
VPN	Virtual Private Network - A network that uses a public telecommunication infrastructure, such as the Internet, to provide remote offices or individual users with secure access to an organization's network.
XML	eXtensible Markup Language - A general-purpose markup language that supports a wide variety of applications. Its primary purpose is to facilitate the sharing of data across different information systems, particularly systems connected via the Internet.
XPath	XML Path - A language that describes a way to locate and process items in Extensible Markup Language (XML) documents by using an addressing syntax based on a path through the document's logical structure or hierarchy.

Term	Definition
XSD	XML Schema Definition - Formally describes the elements in an Extensible Markup Language (XML) document.

2.3.2 Data Terms

The following terms describe the key types of data that CIR receives, stores, and provides in the extract files.

Table 3: Table of CIR Data Entities

Element	Description
Business Transaction	Captures collections information about the specific business event.
Financial Transaction	Individual collections transactions received by CIR (credit card transaction, cleared check, etc.) associated to the transfer of funds between a payer and payee for a particular business event.
Deposit Information	A summarized record of financial transactions for a particular agency, also known as a voucher/deposit ticket.
GWA Classifications	Breakdown of funds collected by Treasury Account Symbol (TAS)/Business Event Type Code (BETC) or C-Key/Value information for reporting to Governmentwide Accounting (GWA). Classification information can be reported at a Deposit Information Level (Summary) or at the Business Transaction Level (Detail).
Program Data	Captures unstructured agency-specific data associated to Deposit Information Record, Deposit Information Classification Record, or Business Transaction Record. Examples of this type of data include: remittance information, claim information, bill numbers and lockbox information.
Fedwire	Captures the entire Fedwire message associated to the Financial Transaction.
ACH	Captures all the ACH Entry Detail and Addenda data associated to the Financial Transaction.
Plastic Card	Captures card data elements associated to the Financial Transaction.
Check	Captured check data elements associated to the Financial Transaction.

Figure 1: CIR Data Model below provides a visual representation of this data. In addition to the relationships shown, the Financial Transaction and Business Transactions can have a relationship with other Financial and Business transactions. Some examples of this are:

- An originating ACH Debit could also have an ACH return that was processed at a later point
- Electronic Check Processing (ECP) sends updated program data associated to a business transaction at a later point.

CIR captures the information in order to link transactions and provides that as one of the attributes in the XML extract file.

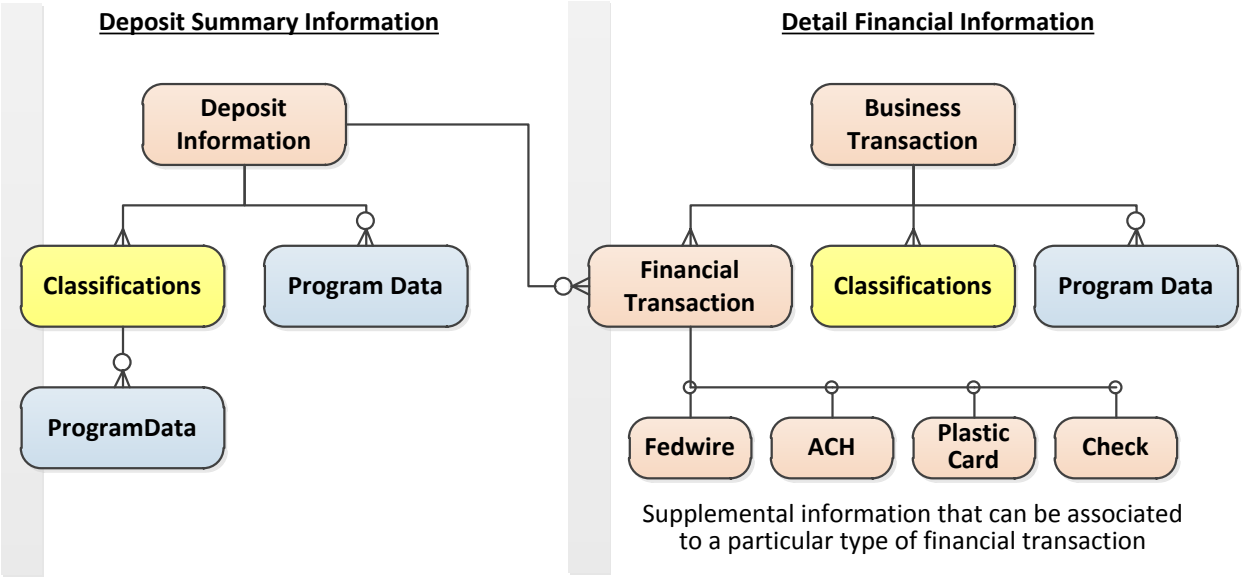

Figure 1: CIR Data Model

3. Overview of the Collections Information Repository (CIR)

3.1 What Is CIR and What Will It Do?

CIR is a collections reporting tool, supplying the latest information on deposits and detail of collections transactions to Federal agencies. The system allows financial transaction information from all collections systems and settlement mechanisms to be exchanged in a single system.

CIR is a key component of the Collections and Cash Management Modernization (CCMM) initiative, a multi-year effort to simplify and modernize Fiscal Service's and the US Treasury's collections and cash management programs.

CIR is an RCM Fiscal Service-wide transaction broker, data repository, and reporting solution, and

- Provides a single touch-point for the exchange of all settled financial transactions across all collections systems
- Offers a centralized repository containing detailed and summarized records of all revenue collections transactions processed by Fiscal Service systems
- Facilitates CCMM
- Supports reporting of classification information to the Central Accounting Reporting System (CARS) formerly known as GWA
- Normalizes financial transaction reporting and standardize the availability of financial information across all settlement mechanisms and collections systems.

3.2 Availability of Data in CIR

CIR was deployed using a phased-implementation strategy. Using this approach, different collections sources began reporting financial transaction information to CIR at different times over a multiple year time period, completing in 2015.

With the implementation of XML Extract Files, data from the following STPs is available in CIR.

- Card Acquiring Service
- Credit Gateway ACH
- Credit Gateway Fedwire
- Direct Voucher System (DVS)
- Electronic Check Processing (ECP)
- Electronic Federal Tax Payment System (EFTPS)
- FRB CA$H-LINK – Miscellaneous FRB Deposits
- Navy Cash – Stored Value Card
- OTCnet
- Pay.gov
- Stored Value Card (SVC)

The extract data that CIR generates is dependent on the information sent by each STP. The presence of attributes on the extract file indicates that CIR will provide the information to agencies if and only if the

various STPs provide that information to CIR. If an attribute is not provided to CIR, then that attribute will not appear on the extract file (since the contents would be null, and null fields are not extracted).

The following tables provide key information about the types of data currently provided to CIR by each of the STPs.

Table 4: Overview of STP Provided Data

STP	Collection System Name	Key Characteristics
Card Acquiring Service	Card Acquiring Service	Sends summary-level and detail-level transaction information with additional plastic card details for Over-the-Counter transactions. Does not send any program data. Card activity initiated through Pay.gov is not reported directly by Card Acquiring Service and would be provided in reporting from Pay.gov
Credit Gateway ACH	ACH CG	Sends non-tax summary-level and detail-level transaction information with additional ACH details. Program data is contained within the ACH details and is not separated into the program data section.
Credit Gateway Fedwire	Fedwire CG	Sends non-tax summary-level and detail-level transaction information with additional Fedwire details. Program data is contained within fields of the Fedwire details and is not separated into the program data section.
Direct Voucher System	DVS	Sends summary-level deposit information for collections processed through the Direct Voucher System.
Electronic Check Processing (ECP)	ECP	Sends summary-level and detail-level transaction information. Sends program data associated to a business transaction. Sends only summary-level data for tax credit activity
Electronic Federal Tax Payment System	EFTPS	Sends summary-level deposit information for ACH and Fedwires (all non-commercial). Does not send any program data.
FRB CA$H-LINK Miscellaneous Deposit Activity	FRBCL MISC	Sends summary-level deposit information for miscellaneous collections processed and settled at Federal Reserve Banks
Navy Cash – Stored Value Card	NAVYCASH	Sends summary-level deposit information for Stored Value Card activity processed through Navy Cash Program
OTCnet	OTCnet	Sends summary-level information for Bank Deposits, including program data associated to both the summary and the account classification. The Bank Deposits are commercial only. Sends summary-level and detail-level transaction information for Electronic Check Deposits (or E-Check Deposits), including program data. Sends only summary-level data for tax activity
Pay.gov	Pay.gov	Sends summary-level and detail-level transaction information. Sends program data associated to a business transaction (forms and bills).
Stored Value Card	SVC	Sends summary-level deposit information for EagleCash and EZpay activity processed through the Stored Value Card program.

Table 5: Overview of STP Provided Data with Associated File Profiles

STP	Collection System Name	File Profiles
Card Acquiring Service	Card Acquiring Service	Card Acquiring Service Collections Data Card Acquiring Service GUI (Manual voucher entries – no details)
Credit Gateway ACH	ACH CG	ACH Credit Gateway ACH Credit Gateway Intra-day (Detail Only extract)

STP	Collection System Name	File Profiles
Credit Gateway Fedwire	Fedwire CG	Fedwire Credit Gateway Fedwire Credit Gateway Real-time (Detail Only extract)
Direct Voucher System	DVS	DVS
Electronic Check Processing (ECP)	ECP	ECP ECP GUI (Manual voucher entries – no details)
Electronic Federal Tax Payment System	EFTPS	EFTPS-BAML EFTPSAGYTAX EFTPS Agency Taxes GUI EFTPS Wire GUI EFTPS ACH GUI
FRB CA$H-LINK Miscellaneous Deposit Activity	FRBCL MISC	FRBCL MISC
Navy Cash – Stored Value Card	NAVYCASH	JPMC NavyCash JPMC NavyCash GUI
OTCnet	OTCnet	OTCnet-TGA bank deposit information OTCnet-TGA bank deposit GUI OTCnet-CHK deposit information OTCnet-CHK Deposit GUI (Manual voucher entries – no details)
Pay.gov	Pay.gov	Pay.gov Pay.gov ACH collection files Pay.gov Credit Card collection files Pay.gov Exception collection files Pay.gov PayPal collection files (April 2015) Pay.gov GUI (Manual voucher entries – no details) Pay.gov FRB GUI (Manual voucher entries – no details)
Stored Value Card	SVC	SVC EagleC/EZPay

3.3 CIR Collections Data Flow

The following diagram illustrates a high-level view of CIR describing the flow of information at the current time. This flow is expected to evolve as the full vision of CCMM is implemented.

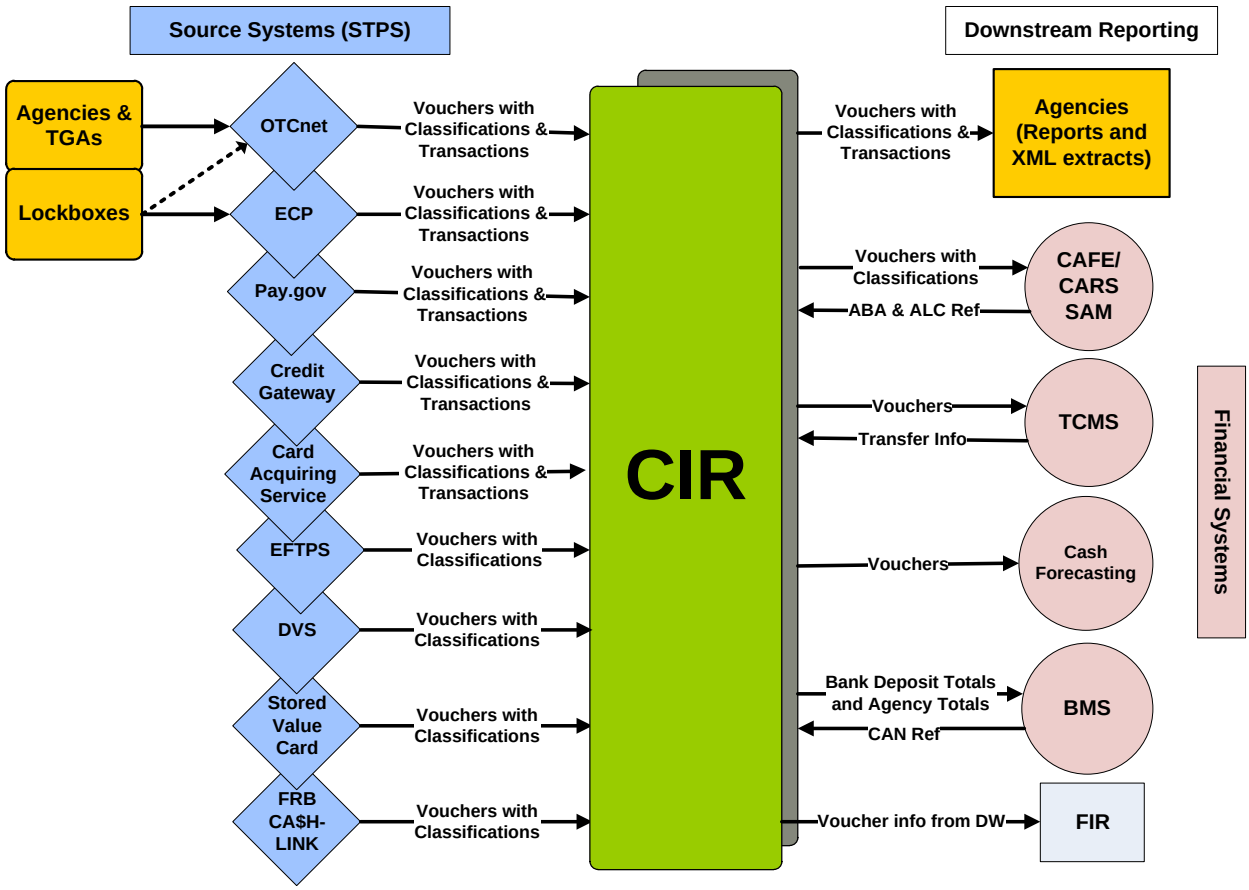

Figure 2: Collections Data Flow

- CIR receives and stores collections data (details and summaries) from the various source systems (channel applications).
- Agencies can access CIR to view and download collection information including classification information for their Agency Location Codes.
- CIR provides financial accounting entries to CAFE/CARS, including classification information (CKeys or Treasury Account Symbols/Business Event Type Codes (TAS/BETCs)).
- CIR provides TCMS with information on all commercial vouchers to perform cash concentration activities.
- CIR provides Cash Forecasting with information on all vouchers to perform cash forecasting activities.

3.4 Reports vs. Extract Files

CIR provides the capability for users to download both reports and XML extract files. Both reports and extract files can be downloaded to a user's computer through the CIR application. However, since extract files are produced using XML, their primary use is for system-to-system interfaces.

3.4.1 Reports

CIR reports provide the ability for a user to view and download a formatted subset of data, predetermined by the report, such as by voucher number, ALC, business date, or other search criteria. CIR generates reports via a commercial off-the-shelf product called Business Objects (BO). The CIR reports are not intended to be used for extracting extremely large volumes of detail transactions.

Reports can be accessed online and downloaded to the user's computer in the following formats:

- PDF
- Excel
- CSV

Users are able to schedule reports to run on a predefined frequency (for example, daily or weekly).

3.4.2 Extract Files (XML File Transmission)

CIR XML Extract Files provides the ability for a user or system to receive an extract of all summary and detail transaction data within a predefined file format. The primary use of these extracts is for system-to-system interfaces or downloading and importing into another system.

CIR is required to utilize the standard Fiscal Service XML Schema format for receiving and sending collection data. The schema is developed and managed by the Enterprise Data Architecture (EDA) Team within Fiscal Service. The version of the Fiscal Service XML Schema that is used for the CIR XML Extract is the Fiscal Service XML 5.0.1 Schema and can be accessed from the following website: https://www.fiscal.treasury.gov/data/.

Agencies have the capability to define three different extract types with different frequencies and selection criteria (ALCs, accounts, date range, input systems, etc.). The three extract types are:

- Summary Only – Only voucher-level information is extracted
- Detail Only – Only individual collection transaction-level information is extracted (credit card transactions, wires, ACH transactions). Supports extracting detail transactions types and statuses that may not be associated to vouchers.
- Summary and Detail – Voucher-level information along with any associated detail transactions is extracted. If no associated detail transactions are available, only voucher-level information will be provided.

All extracts are automatically scheduled based on the extract definition which supports four frequencies (Daily, Weekly, Monthly, and STP end of day). The frequency determines when the extract will be created based on the Schedule Start Date entered on the Extract File Definition. The **Schedule Start and End** dates are used to indicate when the extract will run to retrieve the activity based on the frequency defined, and **does not** represent the dates of the activity to be pulled into the extract. If the End date is not entered, the extract will be generated indefinitely until the status or end date is provided.

Currently the Extract process can only pull data for activity going forward, and not in the past. However, a user may define a monthly extract with a scheduled start date in the "current" month, and when the

monthly extract runs on the last day of the month, the extract will select all activity for the "current" month. For example, a monthly extract may be set up on January 16, and when the monthly extract runs on January 31, the extract will contain activity for the calendar month of January.

See Section 5.1 of this document for additional information on Scheduling Extracts.

4. Security/User Access

4.1 Roles/Functions

When CIR users are created in the CIR system, they are associated with certain functions. In order to view and download files, a user will need the function **"View Files"**. This function provides a list of extract files that have been created for a specific access group. A user will only be able to view and download extract files that were defined by a user within their own access group.

4.2 ALC Security

The ALCs that a user can select for an extract are limited to those ALCs included in the permissions for that user's access group. If no ALCs are selected, when the extract is generated, the data is limited to the ALCs associated to the access group via permissions. This means that if subsequent to the definition of an extract file, the permission set is updated and one or more ALCs are removed, those ALCs will not be included in the extract file.

4.3 Personally Identifiable Information (PII)

As part of the extract definition, the user selects a parameter to include or exclude PII data. If the user selects to exclude the PII data, then the following attributes within the following elements are not included in the file.

Table 6: PII Data

XML 5.0.1 Elements	XML 5.0.1 Attributes
User Data	UDF
Payer	BnkAcctNr PtyID PtyNm AddrLnTxt (lines 1-5)
PlstcCrdDtl	CrdNr
FwireDtl/MssgDtaElmt	MssgDtaElmt value
ACH_Dtl	ACH_Rec
ACH_Dtl/ACH_Btch	ACH_Rec
ACH_Dtl/ACH_Addn	ACH_Rec

If the user selects to include PII, all the attributes are included on the extract file. However, for a user to view or download an extract file that includes PII, the user must have been defined with a permission to access PII.

5. Extract File Generation

5.1 Schedule

CIR produces the extracts based on the extract file frequency defined in the XML Extract File definition. The extract file frequency is listed below with a brief description of when the extracts are actually run by CIR, as well as an explanation of the contents of the extract file for each frequency. The contents of the file will also be limited by the criteria defined in the Extract File Definition and the Extract Type. All activity received over a weekend or holiday will have the next business processing day assigned. For example, Monday business processing day will always include activity received over the weekend. If Monday is a holiday, then Tuesday business processing day will include all activity received over the weekend and holiday.

Table 7: CIR Processing Schedule for Creating Extract Files

Extract File Frequency	CIR Processing Schedule for Creating an Extract File	Activity Reported in the Extract File
Daily	Each business day at approximately 12:00 AM (midnight), Monday through Friday, except for Federal Reserve Bank (FRB) holidays	All activity from the current business processing day.
Weekly	Each Friday at approximately 10:00 PM after CIR's End of Day processing and the CARS/GWA processing. If Friday is an FRB Holiday, then weekly extracts are produced on Friday 3:00 AM.	All activity from the business dates of the Monday prior to the day when the extract is run. For example, on Friday evening, February 1, the weekly extract will contain activity from the business dates of Monday January 28, through Friday February 1. Any transactions received on Saturday January 26, and Sunday January 27, will have a Business Date of Monday January 28, and will be included in this weekly extract.
Monthly	Each month on the last business day of the month after CIR processing completes.	All activity for the current calendar month, reporting all activity from the first business day of the month through the last business day of the month. For example, on Friday March 29, the monthly extract is run and contains activity for the calendar month of March, from March 1 through March 29. There is no activity to report for Saturday March 30 and Sunday March 31.
STP End of Day	Daily after receiving and processing the end-of-day file for a specific STP file profile. The End of Day option is available only for STPs who provide their end of day file early in the day. Currently this is limited to Card Acquiring Service, Credit Gateway ACH, Pay.gov Plastic Card, Pay.gov ACH, and Pay.gov PayPal. **Card Acquiring Service** – Each day an end-of-day file is received (every day) at approximately 5:00 AM	All activity since the last STP End of Day file was received. An extract can only be setup to include activity for one STP File Profile when using this frequency, but supports ability to receive data at earlier time frames based on when STP has notified CIR that they have completed reporting all activity for a particular type of activity

Extract File Frequency	CIR Processing Schedule for Creating an Extract File	Activity Reported in the Extract File
	Credit Gateway ACH – Each day an end-of-day file is received at approximately 9:00 AM, Monday through Friday except for FRB holidays **Pay.gov Plastic Card** – Each day an end-of-day file is received (every day) at approximately 8:00 AM **Pay.gov ACH Settled** – each day an end-of-day file is received at approximately 8:00 AM, Monday through Friday except for FRB holidays. **Pay.gov PayPal** – each day an end-of-day file is received (every day) at approximately 11:00 AM.	

5.2 Data Selection

Data is selected based on the defined extract selection criteria. If no value is selected for particular selection criterion then all possible values will be selected for inclusion in extract.

Criteria selections only need to be made if the extract should not contain all values. If no data is found that meets the criteria, then a file is generated with just a Transmission record, where the total amount and total count are both zero.

6. Receiving an Extract File

There are two ways for an agency or other RTP to receive an extract file. A user can view the file name, then select and download the file through the CIR application, if it is smaller than 50 megabytes (MB). The file name will be in the following format:

BaseFileName_YYYYMMDD_file_id.xml where

- **BaseFileName** = Base Extract Name defined in the XML Extract Definition in CIR concatenated with the Access Group ID
- **YYYYMMDD** = Business Date for the end of the extract period. For a Daily this is the single Business Date being extracted. For a Weekly this is the last Business Date of the week. For a Monthly this is the last Business Date of the month.
- **File_id** = Unique ID assigned by CIR

Alternatively a user can work with CIR to establish an automated communication path. Currently the CIR solution for automated communications utilizes a secure Virtual Private Network (VPN) over the Internet, using Connect:Direct, Secure + as the transmission software.

6.1 Downloading Extract Files using the CIR Application

Within the CIR application, under the Management > File menu, there is a View Files function. This function allows a user to search for and download an extract file created by CIR. CIR restricts the list of available files to extract files created by a user within the same user group. A user can view the file status and view and/or download the extract file, provided the file is less than 50 MB. If the extract file is larger than 50 MB, the CIR application prevents the user from viewing or downloading the file by disabling the download link and displaying a pop-up that says "Cannot Download – the file size is too large".

6.2 Automatic Delivery of Extract Files

Agencies can request that CIR automatically send the extract file to their system. This requires the establishment of a network connection between CIR and the agency. The CIR standard for this connection is VPN over the Internet using Connect:Direct. If an agency is interested in setting up a network connection with CIR, the agency should contact the CIR Call Center.

The CIR Call Center is available between 7:00 AM - 9:00 PM Eastern Time, Monday through Friday except Federal Reserve Bank holidays. The CIR Call Center can be reached at 1-800-346-5465 or within the Washington, DC metropolitan area and internationally at 301-887-6600. The CIR Call Center can also be reached by email at CIR@pnc.com.

Someone from the CIR Team will then contact the agency to discuss the next steps.

7. Extract File Specification

Downloading and interpreting a CIR XML Extract File requires an understanding of XML coding.

7.1 Understanding this Specification Section

As previously discussed, the format of the output files is XML using the Fiscal Service EDA schema. The version of the schema used with the implementation of XML files is version 5.0.1. In the future, as additional data is received by CIR and as Fiscal Service EDA updates the schema, additional versions are likely to be supported. Section 7.4 gives an overview of the Fiscal Service EDA XML schema.

There is a separate section for each of the three extract types: Summary Only, Summary and Detail, and Detail Only. Within each section, there is a specification table that shows the elements and attributes provided in the extract. On any given extract, if there is no data for an attribute, that attribute is not provided in the XML output. If there is no data for any attribute in a container, that container is not provided in the XML output.

A table within each section contains the schema containers that will be included in that extract type along with the list of attributes. Field lengths and specifications are not included as they are fully documented on the Fiscal Service EDA web site as part of the schema materials. Table 8: Example of an Extract Type Specification Table illustrates a sample row from one of these tables.

- Column 1: XML Schema Element – Name of the XML container.
- Column 2: Element Description – In some instances this may differ from the generic description provided in the EDA documentation to include information on how that container is used within CIR.
- Column 3: Attributes/Elements in the XML 5.0.1 Schema – A list of attributes/elements that will be provided by CIR for that container. As indicated earlier if an attribute has not been provided by the channel application sending data to CIR, or is not appropriate for an individual transaction (for example a check number on a wire transaction), that attribute will not be included in the extract file for that transaction.
- Column 4: Element and Attribute Names in Text – A list of attribute and element names in full text, which correspond to the attribute and element names in the document titled "XML Schema Version 5.0.1 In Plain Language".

Table 8: Example of an Extract Type Specification Table showing Elements and Attributes

XML Schema Element	Element Description	Attributes/Elements in the XML 5.0.1 Schema	Element and Attribute Names in Text
CollRpt	A collection of financial transactions for the purpose of creating or updating detail or summary information.	EOD_Ind IptSysTxt SeqNr ID TrnsmTs	End of Day Indicator Input System Text Sequence Number Transmission Identifier Transmission Timestamp

7.2 Global Formatting Details

The following general rules apply to all data attributes extracted from CIR.

- All amounts include an explicit decimal point but not commas or dollar signs unless otherwise noted. Zeroes that follow a decimal point are not included.
    - $2,145.55 is reported as 2145.55

- $2,145.50 is reported as 2145.5
- $2,145.00 is reported as 2145
- $0.00 is reported as 0

❖ All fields defined as string with maximum values will be limited to the actual length received (additional spaces are not added), unless otherwise noted.

❖ Voucher number is always a six-digit number where it is possible to have leading zeroes.

❖ All date fields will be formatted YYYY-MM-DD.

❖ All date/time fields will be formatted YYYY-MM-DDTHH:MM:SS where "T" is a literal.

7.3 Using the Specification Document

This specification document is engineered to be used in conjunction with the Fiscal Service EDA website. If the XML file will be processed using a software solution capable of reading XSDs, then the following provides an example of how this document could be used:

❖ Download 5.0.1 Transmission Message XSDs from Fiscal Service EDA website https://www.fiscal.treasury.gov/data/

❖ Use the tables in Sections 7.6, 7.7 and 7.8 to identify which containers and attributes will be provided on the extract file based on the Extract Type.

❖ When determining how to map the data into your system, use the attribute definitions provided in Section 7.9 for more detailed information on each attribute.

If developing a software solution that will not read XSDs, the steps would be similar. However, to obtain field types and lengths, the Fiscal Service EDA website would be used.

7.4 EDA Schema

As stated previously, the 5.0.1 schema is the standard Fiscal Service XML Schema format for receiving and sending collection data. The schema is developed and managed by the EDA Team within Fiscal Service.

For specific information on the Fiscal Service EDA XML schema, see https://www.fiscal.treasury.gov/data/, and the following screen will be returned:

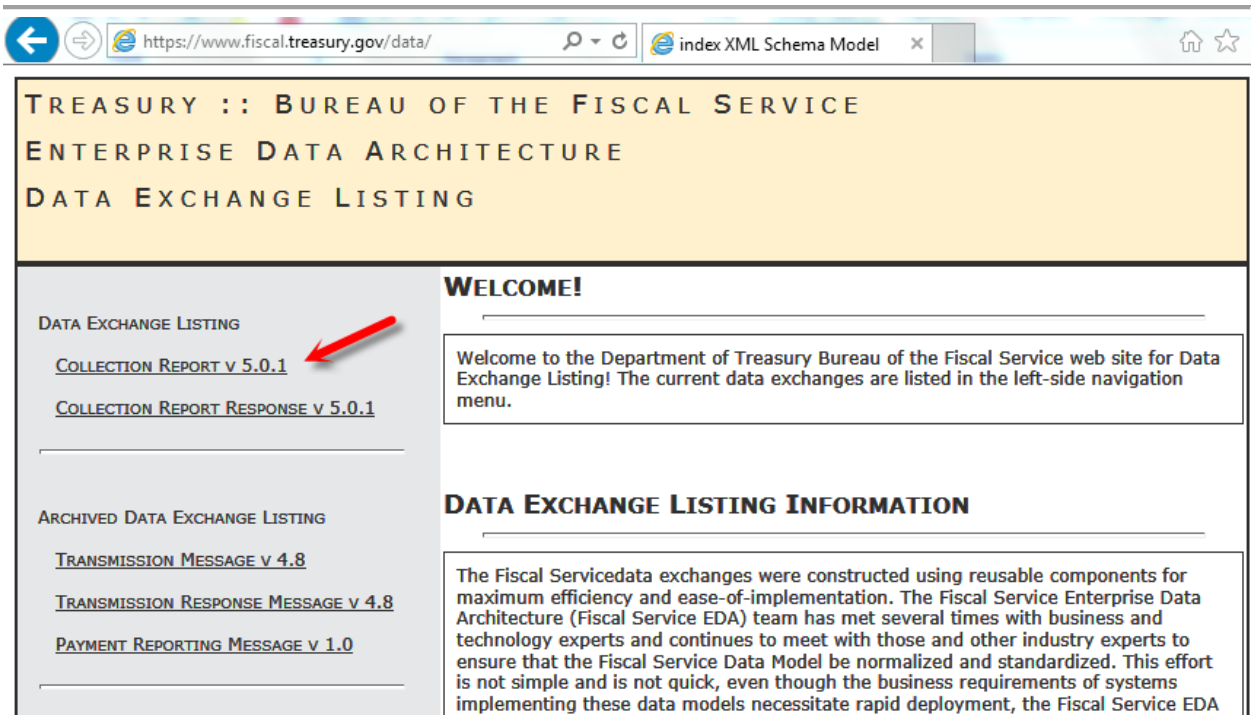

Figure 3: Current Business Message Listing from EDA Website

The screen displays the current active Fiscal Service EDA Schema version which is "**COLLECTION REPORT V 5.0.1**" and the version used by the CIR XML extract.

To access additional schema versions, click "**COLLECTION REPORT V 5.0.1**" displayed under the heading "DATA EXCHANGE LISTING". The next figure shows a snapshot of the current schema version and also the available archived releases.

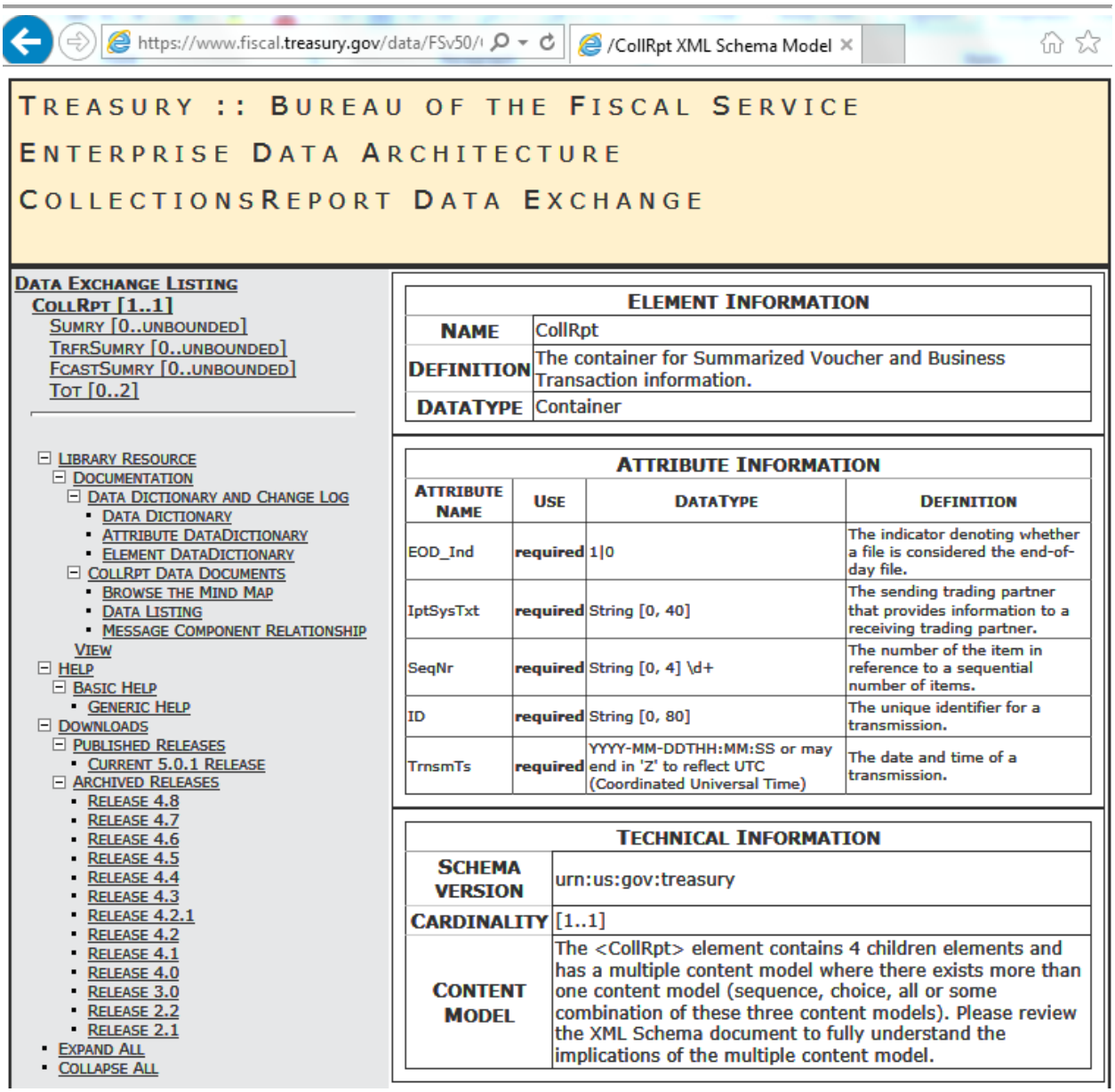

Figure 4: Schema List from EDA Web Site

On this website you will have the ability to:

- View the schema
- View a full data dictionary for the schema
- Download the schema (XSDs)

- View a data listing of the schema (schema path with all containers and attributes in a spreadsheet listing)
- View how each attribute is used via an attribute data dictionary

Note in the above figure, the EDA Schema Release 5.0.1 is listed as the "**CURRENT 5.0.1 RELEASE**" under "PUBLISHED RELEASES" and is available for download as a zip file. The CIR extracts use the following XSDs which are included in the zip file:

- In the directory named "collections":
  - CollectionsReport_x.xsd
- In the directory named "core":
  - Common_ComplexTypes.xsd
  - Common_Groups.xsd
  - Common_SimpleTypes.xsd
  - Non_FMS_Standards.xsd
  - TransmissionRs_x.xsd

7.5 CIR TRS Trading Partner Agreement Schema *

In the previous iteration of the CIR Extracts, the CIR TRS Trading Partner Agreement Schema was used in conjunction with the XML Schema version 4.3 to report data in the XML extract file when a data element was available for reporting but was not defined in the XML Schema version 4.3.

The XML Schema version 5.0.1 has been updated to incorporate all data elements that were previously defined in the CIR TRS Trading Partner Agreement, and therefore a CIR Trading Partner Agreement has not been defined for use with the XML Schema version 5.0.1. If additional data elements are needed in the XML extracts, the Trading Partner Agreement is available to provide additional data.

7.6 Summary Only Specification

This section contains the specification for a Summary Only Extract Type. Figure 5: EDA Schema v5.0.1 - Picture for Summary Only Extract illustrates the schema hierarchy for Summary Only. Some elements are not expanded in the diagram below. See the full EDA Schema documentation on the EDA website for more details.

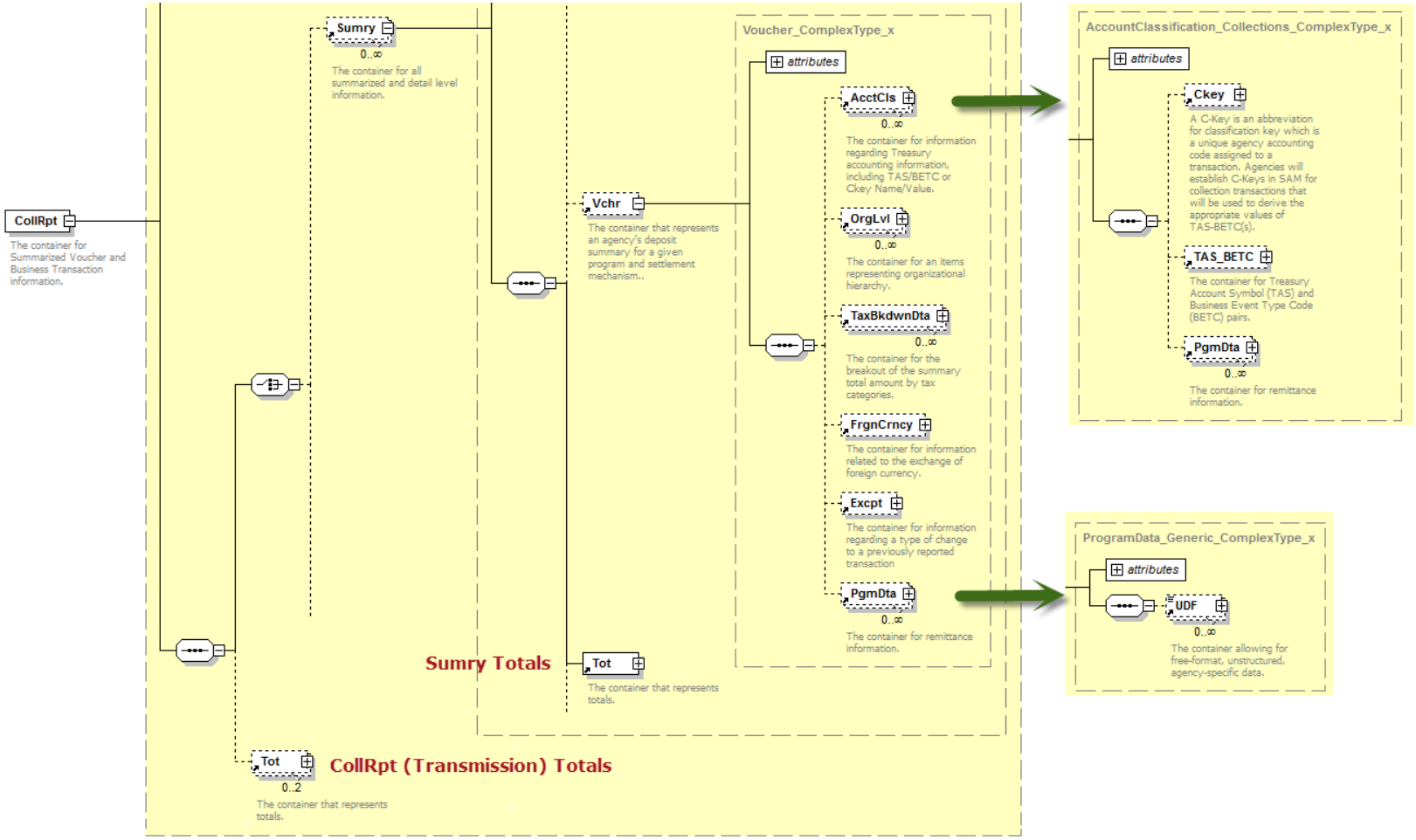

Figure 5: EDA Schema v5.0.1 - Picture for Summary Only Extract

Table 9: Elements and Attributes for Summary Only Extract contains the elements and descriptions for the elements that will be extracted for the Summary Only Extract type. The level number shown in the heading corresponds to the number of levels in the XPath. For example the XPath for the first reference to AcctCls (Account Classification) in the table below is /CollRpt/Sumry/Vchr/AcctCls. Therefore AcctCls is at the 4th level and appears under the column marked with a 4. The elements are listed in the order they will appear in the output extract file.

New with the v.5.0.1 XML schema is an optimized naming convention that is used for both element and attributes where the names are shortened to save space in the output file. Optimized names are used in the XML 5.0.1 extract files.

In the table below, element names are displayed on the left side. An example of this is **CollRpt**. Attribute names are displayed in the column after the Element Description column. The full names for elements and attributes are displayed in the right-most column titled "Element and Attribute Names in Text". An example is EOD_Ind with the full name of "End of Day Indicator" in the right-most column. The full name also corresponds to the element and attribute names in the document titled "XML Schema Version 5.0.1 In Plain Language".

Table 9: Elements and Attributes for Summary Only Extract

XML Schema Element 1 2 3 4 5 6 7	Element Description	Attributes in the XML 5.0.1 Schema Extract	Element and Attribute Names in Text
CollRpt	A collection of financial transactions for the purpose of creating or updating detail or summary information.	EOD_Ind IptSysTxt SeqNr ID TrnsmTs	Collections Report [Element] End of Day Indicator Input System Text Sequence Number Transmission Identifier Transmission Timestamp
Sumry	A container for all summarized information. For the Summary Only extract, the Sumry record contains voucher-related information. There is one Sumry record per Vchr record.	ALC AgcySiteID AgcySiteNm AgtBnkAcctNr AgtRTN BnkBrnchID BnkPostDt BulkPrvrNm CshFlwID CshFlwNm ChnID ChnlTypCd CAN CollBusDt CollStatCd	Summary [Element] Agency Location Code Agency Site Identifier Agency Site Name Agent Bank Account Number Agent Routing Number Bank Branch Identifier Bank Posting Date Bulk Provider Name Cash Flow Identifier Cash Flow Name Chain Identifier Channel Type Code Collections Account Number Collections Business Date Collections Status Code

XML Schema Element 1	2	3	4	5	6	7	Element Description	Attributes in the XML 5.0.1 Schema Extract	Element and Attribute Names in Text
								CostCtrWrkUnitCd ComlBnkInd CrInd DivID FRB_AcctKeyCd FRB_DistCd FRB_OfcCd InitProcgSiteID IptSysTxt IRS_TaxInd LkbxAcctID NonDomBnkInd NonTreasCollCd OthScndryRTN ProcgPgmNm ProcgSbprgNm PgmTrcID RcptMchsmCd RptPgmNm RptSbprgNm SvcngALC SttlMchsmCd ID SubAcctRTN	Cost Center Work Unit Code Commercial Bank Indicator Credit Indicator Division Identifier FRB Account Key Code FRB District Code FRB Office Code Initial Processing Site Identifier Input System Text IRS Tax Indicator Lockbox Account Identifier Non Domestic Bank Indicator Non Treasury Collection Code Other Secondary Routing Number Processing Program Name Processing Subprogram Name Program Trace Identifier Receipt Mechanism Code Reporting Program Name Reporting Subprogram Name Servicing ALC Settlement Mechanism Code Summary Identifier Sub Account Routing Number
		Vchr					The Vchr element is the container that represents an agency's deposit summary for a given program and settlement mechanism. For the Summary Only extract, there is one Vchr record to a Sumry record.	AgcyCmtTxt AgtCmtTxt ChnlInitnDt ChnlRcptDt CoinCrncyTotAmt CnfrmDt CrncyTotAmt FY ExcptTypCd NonDomCollInd RcptFromDt	Voucher [Element] Agency Comment Text Agent Comment Text Channel Initiation Date Channel Receipt Date Coin Currency Total Amount Confirmed Date Currency Total Amount Fiscal Year Exception Type Code Non Domestic Collection Indicator Receipts From Date

XML Schema Element 1	2	3	4	5	6	7	Element Description	Attributes in the XML 5.0.1 Schema Extract	Element and Attribute Names in Text
								RcptToDt SvcdALC SmrzdDtlCnt TaxBkdwnCnt VchrDt VchrFormCd ID VchrNr	Receipts To Date Serviced ALC Summarized Detail Count Tax Breakdown Count Voucher Date Voucher Form Code Voucher Identifier Voucher Number
			AcctCls				The container for information regarding Treasury accounting information, including TAS/BETC or Ckey Name/Value.	CrInd Amt	Account Classification [Element] Credit Indicator Amount
				Ckey			A Ckey is an acronym for classification key which is a unique agency accounting code assigned to a transaction.	CkeyNm CkeyVal	Classification Key [Element] Classification Key Name Classification Key Value
				TAS_BETC			The Treasury Account Symbol is an identification code assigned by Treasury, in collaboration with OMB and the owner agency, to an individual appropriation, receipt, or other fund account. The Business Event Type Code is used in combination with the Treasury Account Symbol to classify transactions reported to the Treasury.	SubLvlPrfxCd AlctnTrfrAgcyID AgcyID BegngPdOfAvlblty EndPdOfAvlblty AvlbltyTypCd MnAcctCd SubAcctCd BETC	Treasury Account Symbol Business Event Type Code [Element] Sub-level Prefix Code Allocation Transfer Agency Identifier Agency Identifier Beginning Period Of Availability Ending Period Of Availability Availability Type Code Main Account Code Sub Account Code Business Event Type Code
				PgmDta			Container for Program and User Data associated to a classification.	ID UserDtaCnt	Program Data [Element] Program Data Identifier User Data Count
					UDF				User Data Field [Element]

XML Schema Element 1	2	3	4	5	6	7	Element Description	Attributes in the XML 5.0.1 Schema Extract	Element and Attribute Names in Text
							User Data associated to a classification	CUI_Ind ID Lab	CUI Indicator User Data Field Identifier User Data Field Label
			OrgLvl				The container for an Organization Level item.	IntOrgCd ID RefNm	Organization Level [Element] Internal Organization Code Organization Level Identifier Reference Name
			TaxBkdwnDta				The container for the breakout of the summary total amount by categories. This information is reported only for tax collections.	Amt ChnlTypCd CrInd FclSvcTaxSubClsCd FclSvcTaxClsCd NAICS_Cd SttlMchsmCd TaxBusCnt TaxPayerTypCd TaxSubTypCd TaxTypCd	Tax Breakdown Data [Element] Amount Channel Type Code Credit Indicator Fiscal Service Tax Sub Class Code Fiscal Service Tax Class Code NAICS Code Settlement Mechanism Code Tax Business Count Tax Payer Type Code Tax Sub Type Code Tax Type Code
			FrgnCrncy				The container for information related to the exchange of foreign currency.	OrigCrncyCdTxt ExchRte ConvMthdCd FrgnCrncyAmt	Foreign Currency (Element Original Currency Code Text Exchange Rate Conversion Method Code Foreign Currency Amount
			Excpt				The container for information regarding a type of change to a previously reported transaction.	OrigBnkPostDt OrigVchrDt OrigVchrNr ResnCd ResnTxt	Exception [Element] Original Bank Posting Date Original Voucher Date Original Voucher Number Reason Code Reason Text
			PgmDta				Container for Program and User Data associated to a voucher.	ID UserDtaCnt	Program Data [Element] Program Data Identifier User Data Count
				UDF				CUI_Ind ID	User Data Field [Element] CUI Indicator User Data Field Identifier

XML Schema Element 1	2	3	4	5	6	7	Element Description	Attributes in the XML 5.0.1 Schema Extract	Element and Attribute Names in Text
							The container allowing for free-format, unstructured, agency-specific data.	Lab	User Data Field Label
		Tot					The container that represents totals for the Sumry record.	TotCnt SumryTotInd TotCrAmt TotCrAmt TotDbtAmt TotDbtCnt	Totals [Element] Total Count Summary Total Indicator Total Credit Amount Total Credit Amount Total Debit Amount Total Debit Count
	Tot						The container that represents totals for the CollRpt transmission.	TotCnt SumryTotInd TotCrAmt TotCrCnt TotDbtAmt TotDbtCnt	Totals [Element] Total Count Summary Total Indicator Total Credit Amount Total Credit Count Total Debit Amount Total Debit Count

7.7 Detail Only Specification

This section contains the specification for a Detail Only Extract Type. **Figure 6: EDA Schema v5.0.1 - Picture for Detail Only** illustrates the schema hierarchy for Detail Only. Some elements are not expanded in the diagram below. See the full EDA Schema documentation on the EDA website for more details.

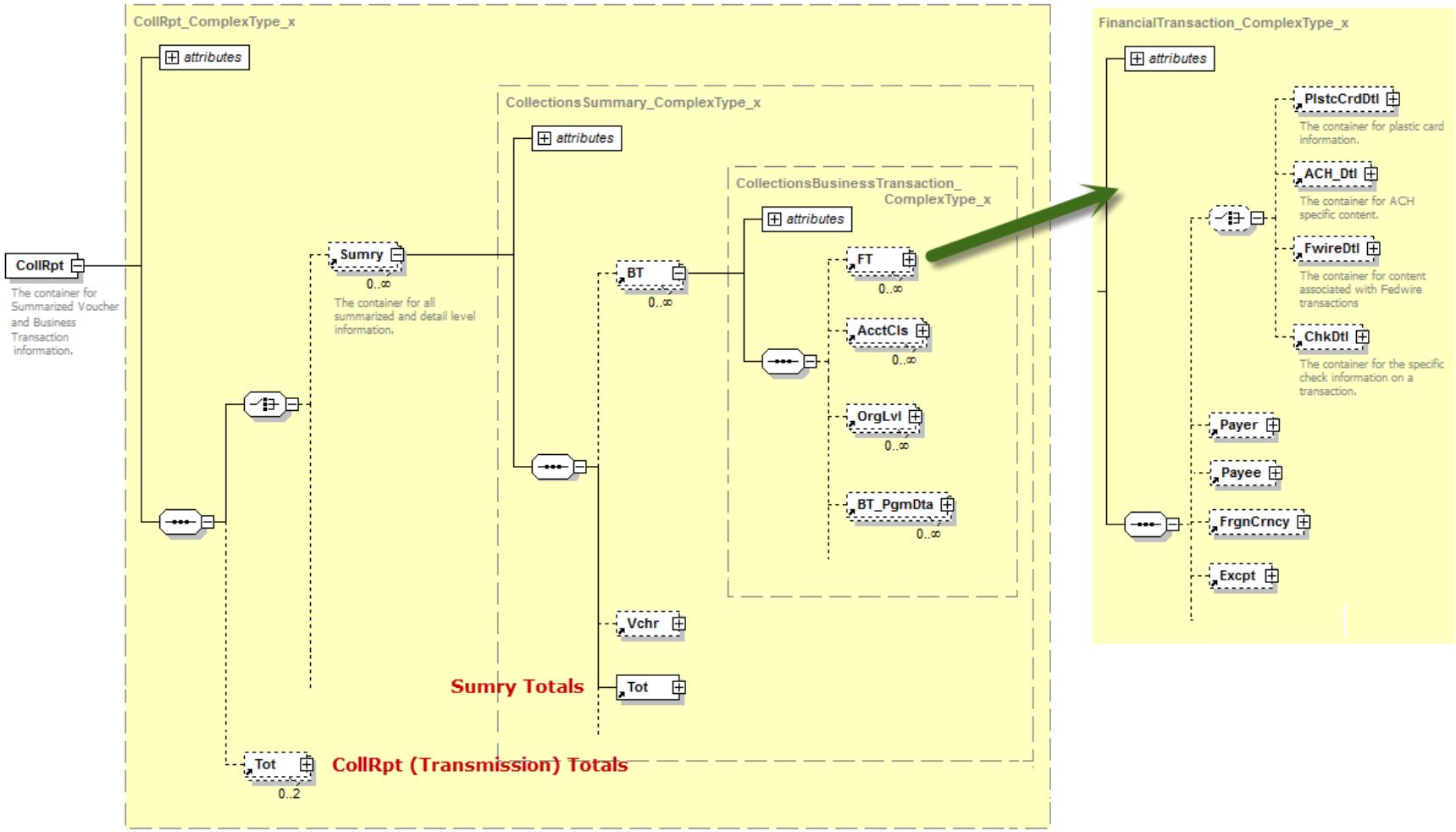

Figure 6: EDA Schema v5.0.1 - Picture for Detail Only

Table 10: Elements and Attributes for Detail Only Extract contains the elements and descriptions for the elements that will be extracted for the Detail Only Extract type. The level number shown in the heading corresponds to the number of levels in the XPath. For example the XPath for the reference to FT (Financial Transaction) in the table below is /CollRpt/Sumry/BT/FT. Therefore FT is at the 4th level and appears under the column marked with a 4. The elements are listed in the order they will appear in the output extract file.

New with the v.5.0.1 XML schema is an optimized naming convention that is used for both element and attributes where the names are shortened to save space in the output file. Optimized names are used in the XML 5.0.1 extract files.

In the table below, element names are displayed on the left side. An example of this is CollRpt. Attribute names are displayed in the column after the Element Description column. The full names for elements and attributes are displayed in the right-most column titled "Element and Attribute Names in Text". An example is EOD_Ind with the full name of "End of Day Indicator" in the right-most column. The full name also corresponds to the element and attribute names in the document titled "XML Schema Version 5.0.1 In Plain Language".

Table 10: Elements and Attributes for Detail Only Extract

XML Schema Element 1 2 3 4 5 6 7	Element Description	Attributes in the XML 5.0.1 Schema Extract	Element and Attribute Names in Text
CollRpt	The container for summarized voucher and business transaction information.	EOD_Ind IptSysTxt SeqNr ID TrnsmTs	Collections Report [Element] End of Day Indicator Input System Text Sequence Number Transmission Identifier Transmission Timestamp
Sumry	A container for all summarized information. For the Detail Only extracts, the data reported in Sumry is grouped by the attributes identified by an asterisk (*). When a break on the grouping is identified that is at a lower level than the voucher deposit grouping, then the Sumry is identified as "partial" Vchr.	ALC * AgcySiteID * AgcySiteNm * AgtRTN * BnkPostDt * BulkPrvrNm CshFlwID * CshFlwNm * ChnID * ChnlTypCd * CAN * CollBusDt * CollStatCd * CostCtrWrkUnitCd * ComlBnkInd *	Summary [Element] Agency Location Code Agency Site Identifier Agency Site Name Agent Routing Number Bank Posting Date Bulk Provider Name Cash Flow Identifier Cash Flow Name Chain Identifier Channel Type Code Collections Account Number Collections Business Date Collections Status Code Cost Center Work Unit Code Commercial Bank Indicator

XML Schema Element 1	2	3	4	5	6	7	Element Description	Attributes in the XML 5.0.1 Schema Extract	Element and Attribute Names in Text
								CrInd * DivID * FRB_AcctKeyCd * FRB_DistCd * FRB_OfcCd * InitProcgSiteID * IptSysTxt * IRS_TaxInd * LkbxAcctID * NonTreasCollCd * ProcgPgmNm * ProcgSbprgNm * PgmTrcID * RcptMchsmCd * RptPgmNm * RptSbprgNm * SvcngALC * SttlMchsmCd * SttlRcptDt * ID *	Credit Indicator Division Identifier FRB Account Key Code FRB District Code FRB Office Code Initial Processing Site Identifier Input System Text IRS Tax Indicator Lockbox Account Identifier Non Treasury Collection Code Processing Program Name Processing Subprogram Name Program Trace Identifier Receipt Mechanism Code Reporting Program Name Reporting Subprogram Name Servicing ALC Settlement Mechanism Code Settlement Receipt Date Summary Identifier
		BT					The container for items associated to business transactions representing a single unit of work. All of the child elements are optional, as business transactions vary for different kinds of collections. The BT may contain one or many financial transactions. Remittance information, paper coupon, invoice, bill, form, etc., are reported in BT_PgmDta.	AgcyGrpID ID CollTxnTyp CnfrmDt IptBtchID InstlmInstncNr Intragov NonDomCollInd NOC_UpdtRsltTxt RecrFreqCd SvcdALC TotInstlmCnt UpdtInd	Business Transaction [Element] Agency Grouping Identifier Business Transaction Identifier Collections Transaction Type Code Confirmed Date Input Batch Identifier Installment Instance Number Intragovernmental Indicator Non Domestic Collection Indicator Notification Of Change Update Result Recurring Frequency Code Serviced ALC Total Installment Count Update Indicator
			FT					ID	Financial Transaction [Element] Financial Transaction Identifier

XML Schema Element 1	2	3	4	5	6	7	Element Description	Attributes in the XML 5.0.1 Schema Extract	Element and Attribute Names in Text
							The container representing the transfer of funds between payer and payee in a given day. Only one of the child financial instrument types (PlstcCrdDtl, ACH_Dtl, FwireDtl or ChkDtl) can be reported per financial transaction.	AgcyTxnID ChnlTxnID PayerMchsmCd SttlTxnID RecrInd RptrID ChnlRcptDt SttlStatCd ChnlInitnDt Amt	Agency Transaction Identifier Channel Transaction Identifier Payer Mechanism Code Settlement Transaction Identifier Recurring Indicator Reporter Identifier Channel Receipt Date Settlement Status Code Channel Initiation Date Amount
				PlstcCrdDtl			A container representing a financial instrument type for plastic card-specific financial transactions. PlstcCrdDtl is a container for content associated with a plastic card transaction.	ID MthYrExpirDt MskdCrdNr OrigIntchgCd IntchgCd IntchgRembrsFeeAmt IntchgRembrsFeeAmtSgnInd IntchgAdjResnCd IntchgAdjAmt IntchgAdjAmtSgnInd AuthChrsCd AuthCd AuthSrcCd AVS_RspCd MrchntStrNr MrchntCatCd MrchntNr CrdPrdctTypCd ClntBtchNr CshBckAmt	Plastic Card Detail [Element] Plastic Card Identifier Month Year Expiration Date Masked Card Number Original Interchange Code Interchange Code Interchange Reimbursement Fee Amount Interchange Reimbursement Fee Amount Sign Indicator Interchange Adjustment Reason Code Interchange Adjustment Amount Interchange Adjustment Amount Sign Indicator Authorization Characteristics Code Authorization Code Authorization Source Code Address Verification Service Response Code Merchant Store Number Merchant Category Code Merchant Number Card Product Type Code Client Batch Number Cash Back Amount

XML Schema Element 1	2	3	4	5	6	7	Element Description	Attributes in the XML 5.0.1 Schema Extract	Element and Attribute Names in Text
								CrdNtwrkTypCd CrdPrdctCd NtwrkRspCd CrgbkRefNr CrdRspCd CrgbkRecNr DrftLoctNr CAT_Cd OrdID POS_EntyMde RgstrNr StrPrsnID TrmNr TaxblAmt TxnTmZnCd TxnTm ChnlCtffTm CrdEvnTypCd AuthRqstRspCd PlstcTypCd AdjTypCd	Card Network Type Code Card Product Code Network Response Code Chargeback Reference Number Card Response Code Chargeback Record Number Draft Locator Number Cardholder Activated Terminal Code Order Identifier Point Of Sale Entry Mode Register Number Store Person Identifier Terminal Number Taxable Amount Transaction Time Zone Code Transaction Time Channel Cutoff Time Card Event Type Code Authorization Request Response Code Plastic Type Code Adjustment Type Code
					OrdLvl_III_Dta		Specific plastic card information provided by the agency.		Order Level III Data [Element]
				ACH_Dtl			A container representing a financial instrument type for ACH-specific financial transactions. The ACH_Dtl element contains data associated to every ACH entry detail record. The ACH_Dtl element has 3 child elements: ACH_Btch, ACH_Rec, and ACH_Addn	ACH_TypCd StdEntyClsCd EffEntyDt CoEntyDesc SvcClsCd ACH_TxnCd ACH_TrcNr ACH_OrigTrcNr AddnCnt ACH_CoDescDtTxt	ACH Detail [Element] ACH Type Code Standard Entry Class Code Effective Entry Date Company Entry Description Text Service Class Code ACH Transaction Code ACH Trace Number ACH Original Trace Number Addenda Count ACH Company Descriptive Date Text

XML Schema Element 1	2	3	4	5	6	7	Element Description	Attributes in the XML 5.0.1 Schema Extract	Element and Attribute Names in Text
								CoDscnyDtaTxt DscnyDtaCd OrgntrStatCd ID	Company Discretionary Data Text Discretionary Data Code Originator Status Code ACH Identifier
					ACH_Btch		The ACH_Btch element contains data associated to the batch header record associated to an ACH entry detail record.	ID	ACH Batch [Element] ACH Batch Identifier
						ACH_Rec	The ACH_Rec element contains the 94-character string of content data from the NACHA batch record.		ACH Record [Element]
					ACH_Rec		The ACH_Rec element contains the 94-character string of content data from the NACHA entry detail record.		ACH Record [Element]
					ACH_Addn		The ACH_Addn element is a container for reporting data contained in addenda records associated to an entry detail record. There can be zero to many occurrences of Addendum data.	SeqNr EntyDtlSeqNr AddnTypCd ACH_PmtRelatInfoTxt	ACH Addendum [Element] Sequence Number Entry Detail Sequence Number Addendum Type Code ACH Payment Related Information
						ACH_Rec	The ACH_Rec element contains the 94-character string of content data from the NACHA addendum record.		ACH Record [Element]
				FwireDtl			Represents a financial instrument type for Fedwire-specific financial transactions. FwireDtl is a container for content associated with a Fedwire message.	FwireTypCd IMAD FwireSubTypCd BusFcnCd OrigIMAD IncmgTxnInd	Fedwire Detail [Element] Fedwire Type Code IMAD Fedwire Sub Type Code Business Function Code Original IMAD Incoming Transaction Indicator

XML Schema Element 1	2	3	4	5	6	7	Element Description	Attributes in the XML 5.0.1 Schema Extract	Element and Attribute Names in Text
								TotCnt	Total Count
					MssgDtaElmt		Represents a section of a Fedwire message associated to a particular Fedwire tag label. Each instance of the MssgDtaElmt includes the Fedwire tag code, the corresponding message text and the associated value for that tag. There can be multiple occurrences of MssgDtaElmt depending on the Fedwire message.	SeqNr FwireTagCd ID ElmtNm UnstrdDtaInd CUI_Ind	Message Data Element [Element] Sequence Number Fedwire Tag Code Message Data Element Identifier Element Name Unstructured Data Indicator CUI Indicator
				ChkDtl			Represents a financial instrument type for check-specific financial transactions. Additional information can be provided using the ACH_Info child element.	ChkTrcNr ChkSerNr ChkTypCd ProcgMthdCd RsrhRqrdInd MICR_Unprsd	Check Detail [Element] Check Trace Number Check Serial Number Check Type Code Processing Method Code Research Required Indicator MICR Unparsed
					ACH_Info		A container for ACH information that is related to the settlement of the check transaction.	ACH_TypCd StdEntyClsCd EffEntyDt CoEntyDesc SvcClsCd ACH_TxnCd ACH_TrcNr ACH_OrigTrcNr RecrInd	ACH Info [Element] ACH Type Code Standard Entry Class Code Effective Entry Date Company Entry Description Text Service Class Code ACH Transaction Code ACH Trace Number ACH Original Trace Number Recurring Indicator
				Payer			Identifies the point of first deposit in a debit transaction and identifies the person of organization submitting the	BnkAcctNr BnkAcctTypCd EmlAddrTxt NonDomBnkInd	Payer [Element] Bank Account Number Bank Account Type Code Email Address Text Non Domestic Bank Indicator

XML Schema Element 1	2	3	4	5	6	7	Element Description	Attributes in the XML 5.0.1 Schema Extract	Element and Attribute Names in Text
							payment. The Addr child element is available for reporting address information for the payer.	PtyID PtyNm PtyTypCd RTN	Party Identifier Party Name Party Type Code Routing Number
					Addr		Contains the address of the payer.	NonDomInd FrgnPostalCd StCd CtyNm PostalCd PostalCdExt CntryCd	Address [Element] Non Domestic Indicator Foreign Postal Code State Code City Name Postal Code Postal Code Extension Country Code
						AddrLnTxt	Container for individual lines of address information, up to 5 entries.		Address Line Text [Element]
				Payee			Identifies the person or organization receiving payment. The Addr child element is available for reporting address information for the payee.	PtyID PtyNm	Payee [Element] Party Identifier Party Name
					Addr		Contains the address of the payee.	NonDomInd FrgnPostalCd StCd CtyNm PostalCd	Address [Element] Non Domestic Indicator Foreign Postal Code State Code City Name Postal Code
						AddrLnTxt	Container for individual lines of address information, up to 5 entries.		Address Line Text [Element]
				FrgnCrncy			A container for describing foreign currency information	OrigCrncyCdTxt ExchRte	Foreign Currency [Element Original Currency Code Text Exchange Rate

XML Schema Element 1	2	3	4	5	6	7	Element Description	Attributes in the XML 5.0.1 Schema Extract	Element and Attribute Names in Text
							associated to a detailed transaction.	ConvMthdCd FrgnCrncyAmt	Conversion Method Code Foreign Currency Amount
				Excpt			A container for reporting adjustments, corrections and rescissions (ACRs). The ACR information reported in the Excpt element provides a way back to the original report in which the affected transaction occurred.	LglTxnAmt OrigAgcyTxnID OrigBnkPostDt OrigChnlTxnID OrigRecAmt OrigSttlTxnID OrigVchrDt OrigVchrNr ResnCd ResnTxt	Exception [Element] Legal Transaction Amount Original Agency Transaction Identifier Original Bank Posting Date Original Channel Transaction Identifier Original Recorded Amount Original Settlement Transaction Identifier Original Voucher Number Original Voucher Date Reason Code Reason Text
			AcctCls				The container for Treasury accounting information, including TAS/BETC or Ckey Name/Value.	CrInd Amt	Account Classification [Element] Credit Indicator Amount
				Ckey			The container for reporting the classification key which is a unique agency accounting code assigned to a transaction.	CkeyNm CkeyVal	Ckey [Element] Classification Name Classification Value
				TAS_BETC			The container for Treasury Account Symbol (TAS) and Business Event Type Code (BETC) pairs.	SubLvlPrfxCd AlctnTrfrAgcyID AgcyID BegngPdOfAvlblty EndPdOfAvlblty AvlbltyTypCd MnAcctCd SubAcctCd BETC	TAS BETC [Element] Sub-level Prefix Code Allocation Transfer Agency Identifier Agency Identifier Beginning Period Of Availability Ending Period Of Availability Availability Type Code Main Account Code Sub Account Code Business Event Type Code

XML Schema Element 1	2	3	4	5	6	7	Element Description	Attributes in the XML 5.0.1 Schema Extract	Element and Attribute Names in Text
			OrgLvl				The container for items representing organizational hierarchy.	IntOrgCd ID RefNm	Organization Level [Element] Internal Organization Code Internal Organization Code Reference Name
			BT_PgmDta				The BT_PgmDta element is a container for unstructured agency-specific data associated with the business transaction. Typically, it includes remittance information posted to receivables. There can be multiple occurrences BT_PgmDta	AgcyBillNm AgcyFormNr AgcyFormNm BillAcctNr BillDt FormRvsnFileNm ID OMB_CtlNr RmtnID UserDtaCnt	Business Transaction Program Data [Element] Agency Bill Name Agency Form Number Agency Form Name Bill Account Number Bill Date Form Revision File Name Business Transaction Program Data Identifier Office of Management and Budget Control Number Remittance Identifier User Data Count
				UDF			The UDF element has the actual content of the unstructured agency-specific data along with labels that describe what information is provided in the user data field.	CUI_Ind ID Lab	User Data Field [Element] CUI Indicator User Data Field Identifier User Data Field Label
		Vchr					The Vchr element is the container for an Agency's deposit summary for a given program. For detail only extracts, the Vchr may be reported as "partial" to indicate a break in the grouping of the information reported within the Sumry element. This is a new feature	PartlInd VchrDt ID VchrNr	Voucher [Element] Partial Indicator Voucher Date Voucher Identifier Voucher Number

XML Schema Element 1	2	3	4	5	6	7	Element Description	Attributes in the XML 5.0.1 Schema Extract	Element and Attribute Names in Text
							with the XML 5.0.1 Extract files. The Vchr element will only be provided if detail transactions reported were associated to a voucher with a voucher number		
		Tot					A container that represents totals for information reported within the Sumry element. For Detail Only extracts, the totals will be calculated from the detail transactions within the Sumry.	TotCnt InfoOnlyTxnCnt SumryTotInd TotCrAmt TotCrCnt TotDbtAmt TotDbtCnt	Totals [Element] Total Count Informational Only Transaction Count Summary Total Indicator Total Credit Amount Total Credit Count Total Debit Amount Total Debit Count
	Tot						A container that represents totals for information reported on the CollRpt (transmission) level. For Detail Only extracts, totals are provided for both Vchr level information and also detail level information.	TotCnt SumryTotInd TotCrAmt TotCrCnt TotDbtAmt TotDbtCnt	Totals [Element] Total Count Summary Total Indicator Total Credit Amount Total Credit Count Total Debit Amount Total Debit Count

7.8 Summary and Detail Specification

This section contains the specification for a Summary and Detail Extract Type. **Figure 7: EDA Schema v5.0.1 - Picture for Summary and Detail** illustrates the schema hierarchy for Summary and Detail. Some elements are not expanded in the diagram below. See the full EDA Schema documentation on the EDA website for more details.

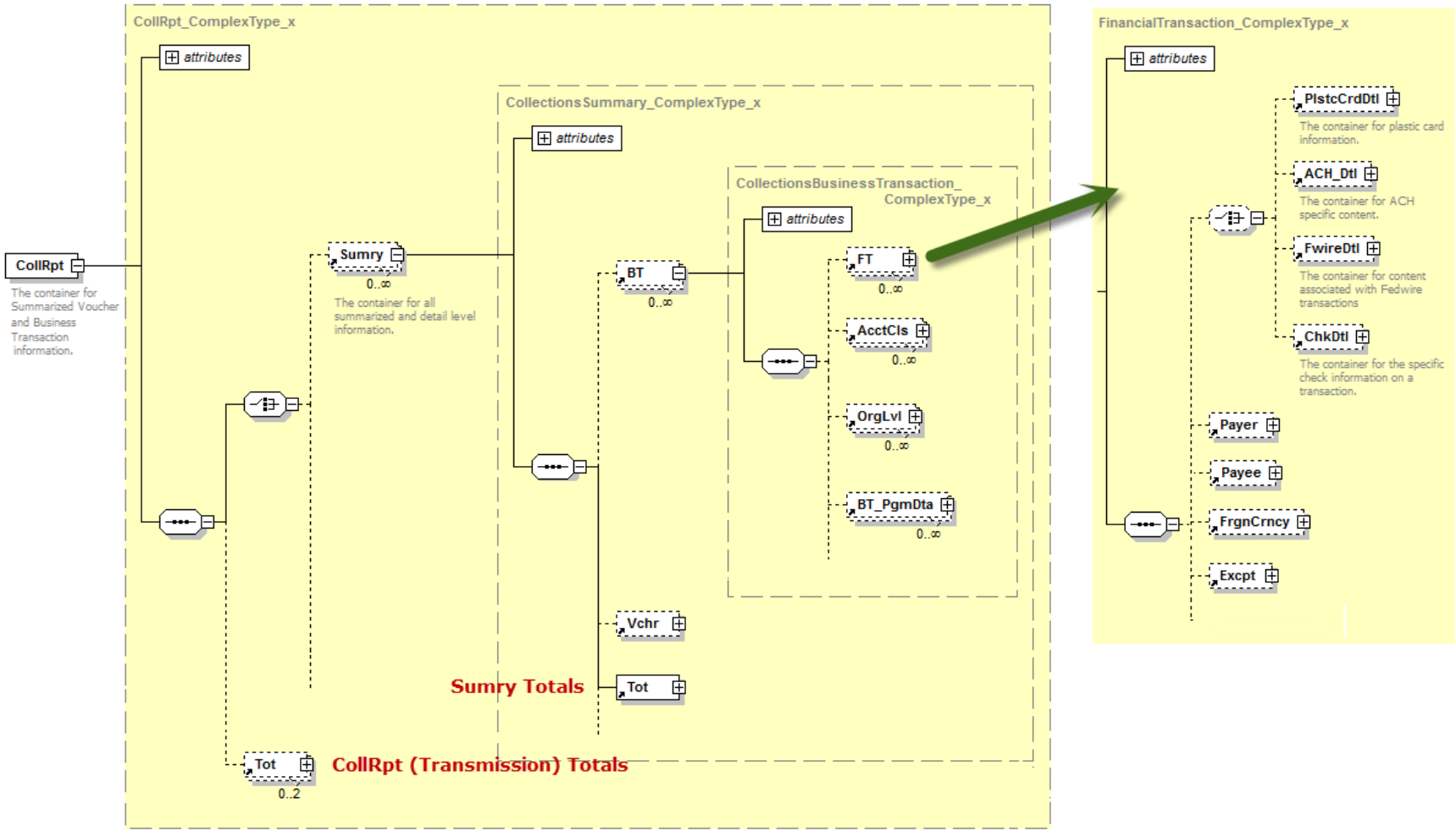

Figure 7: EDA Schema v5.0.1 - Picture for Summary and Detail

Table 11: Elements and Attributes for Summary and Detail Extract contains the elements and descriptions for the elements that will be extracted for the Summary and Detail Extract type. This extract type provides similar reporting to the detail only extract except this extract will only report out details associated to a voucher and/or any vouchers that do not have detail transactions available in CIR based on criteria defined in extract definition. The level number shown in the heading corresponds to the number of levels in the XPath. For example the XPath for the reference to FT (Financial Transaction) in the table below is /CollRpt/Sumry/BT/FT. Therefore FT is at the 4th level and appears under the column marked with a 4. The elements are listed in the order they will appear in the output extract file.

New with the v.5.0.1 XML schema is an optimized naming convention that is used for both element and attributes where the names are shortened to save space in the output file. Optimized names are used in the XML 5.0.1 extract files.

In the table below, element names are displayed on the left side. An example of this is CollRpt. Attribute names are displayed in the column after the Element Description column. The full names for elements and attributes are displayed in the right-most column titled "Element and Attribute Names in Text". An example is EOD_Ind with the full name of "End of Day Indicator" in the right-most column. The full name also corresponds to the element and attribute names in the document titled "XML Schema Version 5.0.1 In Plain Language".

Table 11: Elements and Attributes for Summary and Detail Extract

XML Schema Element 1 2 3 4 5 6 7	Element Description	Attributes in the XML 5.0.1 Schema Extract	Element and Attribute Names in Text
CollRpt	The container for summarized voucher and business transaction information.	EOD_Ind IptSysTxt SeqNr ID TrnsmTs	Collections Report [Element] End of Day Indicator Input System Text Sequence Number Transmission Identifier Transmission Timestamp
Sumry	A container for all summarized information. For the Detail Only extracts, the data reported in Sumry is grouped by the attributes identified by an asterisk (*). When a break on the grouping is identified that is at a lower level than the voucher deposit grouping,, then the Sumry is identified as "partial" Vchr.	ALC * AgcySiteID * AgcySiteNm * AgtRTN * BnkPostDt * BulkPrvrNm CshFlwID * CshFlwNm * ChnID * ChnlTypCd * CAN * CollBusDt * CollStatCd *	Summary [Element] Agency Location Code Agency Site Identifier Agency Site Name Agent Routing Number Bank Posting Date Bulk Provider Name Cash Flow Identifier Cash Flow Name Chain Identifier Channel Type Code Collections Account Number Collections Business Date Collections Status Code

XML Schema Element 1	2	3	4	5	6	7	Element Description	Attributes in the XML 5.0.1 Schema Extract	Element and Attribute Names in Text
							For Vouchers with no details transactions reported to CIR, the Sumry record contains voucher-related information. There is one Sumry record per Vchr record.	CostCtrWrkUnitCd * ComlBnkInd * CrInd * DivID * FRB_AcctKeyCd * FRB_DistCd * FRB_OfcCd * InitProcgSiteID * IptSysTxt * IRS_TaxInd * LkbxAcctID * NonTreasCollCd * ProcgPgmNm * ProcgSbprgNm * PgmTrcID * RcptMchsmCd * RptPgmNm * RptSbprgNm * SvcngALC * SttlMchsmCd * SttlRcptDt * ID *	Cost Center Work Unit Code Commercial Bank Indicator Credit Indicator Division Identifier FRB Account Key Code FRB District Code FRB Office Code Initial Processing Site Identifier Input System Text IRS Tax Indicator Lockbox Account Identifier Non Treasury Collection Code Processing Program Name Processing Subprogram Name Program Trace Identifier Receipt Mechanism Code Reporting Program Name Reporting Subprogram Name Servicing ALC Settlement Mechanism Code Settlement Receipt Date Summary Identifier
		BT					The container for items associated to business transactions representing a single unit of work. All of the child elements are optional, as business transactions vary for different kinds of collections. The BT may contain one or many financial transactions. Remittance information, paper coupon, invoice, bill, form, etc., are reported in BT_PgmDta.	AgcyGrpID ID CollTxnTyp CnfrmDt IptBtchID InstlmInstncNr Intragov NonDomCollInd NOC_UpdtRsltTxt RecrFreqCd SvcdALC TotInstlmCnt UpdtInd	Business Transaction [Element] Agency Grouping Identifier Business Transaction Identifier Collections Transaction Type Code Confirmed Date Input Batch Identifier Installment Instance Number Intragovernmental Indicator Non Domestic Collection Indicator Notification Of Change Update Result Recurring Frequency Code Serviced ALC Total Installment Count Update Indicator

XML Schema Element 1	2	3	4	5	6	7	Element Description	Attributes in the XML 5.0.1 Schema Extract	Element and Attribute Names in Text
							This element and lower-level elements will only be populated for summary vouchers where detail transactions were reported to CIR		
			FT				The container representing the transfer of funds between payer and payee in a given day. Only one of the child financial instrument types (PlstcCrdDtl, ACH_Dtl, FwireDtl or ChkDtl) can be reported per financial transaction.	ID AgcyTxnID ChnlTxnID PayerMchsmCd SttlTxnID RecrInd RptrID ChnlRcptDt SttlStatCd ChnlInitnDt Amt	Financial Transaction [Element] Financial Transaction Identifier Agency Transaction Identifier Channel Transaction Identifier Payer Mechanism Code Settlement Transaction Identifier Recurring Indicator Reporter Identifier Channel Receipt Date Settlement Status Code Channel Initiation Date Amount
				PlstcCrdDtl			A container representing a financial instrument type for plastic card-specific financial transactions. PlstcCrdDtl is a container for content associated with a plastic card transaction.	ID MthYrExpirDt MskdCrdNr OrigIntchgCd IntchgCd IntchgRembrsFeeAmt IntchgRembrsFeeAmtSgnInd IntchgAdjResnCd IntchgAdjAmt IntchgAdjAmtSgnInd AuthChrsCd AuthCd AuthSrcCd	Plastic Card Detail [Element] Plastic Card Identifier Month Year Expiration Date Masked Card Number Original Interchange Code Interchange Code Interchange Reimbursement Fee Amount Interchange Reimbursement Fee Amount Sign Indicator Interchange Adjustment Reason Code Interchange Adjustment Amount Interchange Adjustment Amount Sign Indicator Authorization Characteristics Code Authorization Code Authorization Source Code

XML Schema Element 1	2	3	4	5	6	7	Element Description	Attributes in the XML 5.0.1 Schema Extract	Element and Attribute Names in Text
								AVS_RspCd MrchntStrNr MrchntCatCd MrchntNr CrdPrdctTypCd ClntBtchNr CshBckAmt CrdNtwrkTypCd CrdPrdctCd NtwrkRspCd CrgbkRefNr CrdRspCd CrgbkRecNr DrftLoctNr CAT_Cd OrdID POS_EntyMde RgstrNr StrPrsnID TrmNr TaxblAmt TxnTmZnCd TxnTm ChnlCtffTm CrdEvnTypCd AuthRqstRspCd PlstcTypCd AdjTypCd	Address Verification Service Response Code Merchant Store Number Merchant Category Code Merchant Number Card Product Type Code Client Batch Number Cash Back Amount Card Network Type Code Card Product Code Network Response Code Chargeback Reference Number Card Response Code Chargeback Record Number Draft Locator Number Cardholder Activated Terminal Code Order Identifier Point Of Sale Entry Mode Register Number Store Person Identifier Terminal Number Taxable Amount Transaction Time Zone Code Transaction Time Channel Cutoff Time Card Event Type Code Authorization Request Response Code Plastic Type Code Adjustment Type Code
					OrdLvl_III_Dta		Specific plastic card information provided by the agency.		Order Level III Data [Element]
				ACH_Dtl			A container representing a financial instrument type for	ACH_TypCd StdEntyClsCd	ACH Detail [Element] ACH Type Code Standard Entry Class Code

XML Schema Element 1	2	3	4	5	6	7	Element Description	Attributes in the XML 5.0.1 Schema Extract	Element and Attribute Names in Text
							ACH-specific financial transactions. The ACH_Dtl element contains data associated to every ACH entry detail record. The ACH_Dtl element has 3 child elements: ACH_Btch, ACH_Rec, and ACH_Addn	EffEntyDt CoEntyDesc SvcClsCd ACH_TxnCd ACH_TrcNr ACH_OrigTrcNr AddnCnt ACH_CoDescDtTxt CoDscnyDtaTxt DscnyDtaCd OrgntrStatCd ID	Effective Entry Date Company Entry Description Text Service Class Code ACH Transaction Code ACH Trace Number ACH Original Trace Number Addenda Count ACH Company Descriptive Date Text Company Discretionary Data Text Discretionary Data Code Originator Status Code ACH Identifier
					ACH_Btch		The ACH_Btch element contains data associated to the batch header record associated to an ACH entry detail record.	ID	ACH Batch [Element] ACH Batch Identifier
						ACH_Rec	The ACH_Rec element contains the 94-character string of content data from the NACHA batch record.		ACH Record [Element]
					ACH_Rec		The ACH_Rec element contains the 94-character string of content data from the NACHA entry detail record.		ACH Record [Element]
					ACH_Addn		The ACH_Addn element is a container for reporting data contained in addenda records associated to an entry detail record. There can be zero to many occurrences of Addendum data.	SeqNr EntyDtlSeqNr AddnTypCd ACH_PmtRelatInfoTxt	ACH Addendum [Element] Sequence Number Entry Detail Sequence Number Addendum Type Code ACH Payment Related Information
						ACH_Rec	The ACH_Rec element contains the 94-character		ACH Record [Element]

XML Schema Element 1	2	3	4	5	6	7	Element Description	Attributes in the XML 5.0.1 Schema Extract	Element and Attribute Names in Text
							string of content data from the NACHA addendum record.		
				FwireDtl			Represents a financial instrument type for Fedwire-specific financial transactions. FwireDtl is a container for content associated with a Fedwire message.	FwireTypCd IMAD FwireSubTypCd BusFcnCd OrigIMAD IncmgTxnInd TotCnt	Fedwire Detail [Element] Fedwire Type Code IMAD Fedwire Sub Type Code Business Function Code Original IMAD Incoming Transaction Indicator Total Count
					MssgDtaElmt		Represents a section of a Fedwire message associated to a particular Fedwire tag label. Each instance of the MssgDtaElmt includes the Fedwire tag code, the corresponding message text and the associated value for that tag. There can be multiple occurrences of MssgDtaElmt depending on the Fedwire message.	SeqNr FwireTagCd ID ElmtNm UnstrdDtaInd CUI_Ind	Message Data Element [Element] Sequence Number Fedwire Tag Code Message Data Element Identifier Element Name Unstructured Data Indicator CUI Indicator
				ChkDtl			Represents a financial instrument type for check-specific financial transactions. Additional information can be provided using the ACH_Info child element.	ChkTrcNr ChkSerNr ChkTypCd ProcgMthdCd RsrhRqrdInd MICR_Unprsd	Check Detail [Element] Check Trace Number Check Serial Number Check Type Code Processing Method Code Research Required Indicator MICR Unparsed
					ACH_Info		A container for ACH information that is related to the settlement of the check transaction.	ACH_TypCd StdEntyClsCd EffEntyDt CoEntyDesc SvcClsCd	ACH Info [Element] ACH Type Code Standard Entry Class Code Effective Entry Date Company Entry Description Text Service Class Code

XML Schema Element 1	2	3	4	5	6	7	Element Description	Attributes in the XML 5.0.1 Schema Extract	Element and Attribute Names in Text
								ACH_TxnCd ACH_TrcNr ACH_OrigTrcNr RecrInd	ACH Transaction Code ACH Trace Number ACH Original Trace Number Recurring Indicator
				Payer			Identifies the point of first deposit in a debit transaction and identifies the person of organization submitting the payment. The Addr child element is available for reporting address information for the payer.	BnkAcctNr BnkAcctTypCd EmlAddrTxt NonDomBnkInd PtyID PtyNm PtyTypCd RTN	Payer [Element] Bank Account Number Bank Account Type Code Email Address Text Non Domestic Bank Indicator Party Identifier Party Name Party Type Code Routing Number
					Addr		Contains the address of the payer.	NonDomInd FrgnPostalCd StCd CtyNm PostalCd PostalCdExt CntryCd	Address [Element] Non Domestic Indicator Foreign Postal Code State Code City Name Postal Code Postal Code Extension Country Code
						AddrLnTxt	Container for individual lines of address information, up to 5 entries.		Address Line Text [Element]
				Payee			Identifies the person or organization receiving payment. The Addr child element is available for reporting address information for the payee.	PtyID PtyNm	Payee [Element] Party Identifier Party Name
					Addr		Contains the address of the payee.	NonDomInd FrgnPostalCd StCd	Address [Element] Non Domestic Indicator Foreign Postal Code State Code

XML Schema Element 1	2	3	4	5	6	7	Element Description	Attributes in the XML 5.0.1 Schema Extract	Element and Attribute Names in Text
								CtyNm PostalCd	City Name Postal Code
						AddrLnTxt	Container for individual lines of address information, up to 5 entries.		Address Line Text [Element]
				FrgnCrncy			A container for describing foreign currency information associated to a detailed transaction.	OrigCrncyCdTxt ExchRte ConvMthdCd FrgnCrncyAmt	Foreign Currency [Element Original Currency Code Text Exchange Rate Conversion Method Code Foreign Currency Amount
				Excpt			A container for reporting adjustments, corrections and rescissions (ACRs). The ACR information reported in the Excpt element provides a way back to the original report in which the affected transaction occurred.	LglTxnAmt OrigAgcyTxnID OrigBnkPostDt OrigChnlTxnID OrigRecAmt OrigSttlTxnID OrigVchrDt OrigVchrNr ResnCd ResnTxt	Exception [Element] Legal Transaction Amount Original Agency Transaction Identifier Original Bank Posting Date Original Channel Transaction Identifier Original Recorded Amount Original Settlement Transaction Identifier Original Voucher Number Original Voucher Date Reason Code Reason Text
			AcctCls				The container for Treasury accounting information, including TAS/BETC or Ckey Name/Value.	CrInd Amt	Account Classification [Element] Credit Indicator Amount
				Ckey			The container for reporting the classification key which is a unique agency accounting code assigned to a transaction.	CkeyNm CkeyVal	Ckey [Element] Classification Name Classification Value
				TAS_BETC					TAS BETC [Element]

XML Schema Element 1	2	3	4	5	6	7	Element Description	Attributes in the XML 5.0.1 Schema Extract	Element and Attribute Names in Text
							The container for Treasury Account Symbol (TAS) and Business Event Type Code (BETC) pairs.	SubLvlPrfxCd AlctnTrfrAgcyID AgcyID BegngPdOfAvlblty EndPdOfAvlblty AvlbltyTypCd MnAcctCd SubAcctCd BETC	Sub-level Prefix Code Allocation Transfer Agency Identifier Agency Identifier Beginning Period Of Availability Ending Period Of Availability Availability Type Code Main Account Code Sub Account Code Business Event Type Code
			OrgLvl				The container for items representing organizational hierarchy.	IntOrgCd ID RefNm	Organization Level [Element] Internal Organization Code Internal Organization Code Reference Name
			BT_PgmDta				The BT_PgmDta element is a container for unstructured agency-specific data associated with the business transaction. Typically, it includes remittance information posted to receivables. There can be multiple occurrences BT_PgmDta	AgcyBillNm AgcyFormNr AgcyFormNm BillAcctNr BillDt FormRvsnFileNm ID OMB_CtlNr RmtnID UserDtaCnt	Business Transaction Program Data [Element] Agency Bill Name Agency Form Number Agency Form Name Bill Account Number Bill Date Form Revision File Name Business Transaction Program Data Identifier Office of Management and Budget Control Number Remittance Identifier User Data Count
				UDF			The UDF element has the actual content of the unstructured agency-specific data along with labels that describe what information is provided in the user data field.	CUI_Ind ID Lab	User Data Field [Element] CUI Indicator User Data Field Identifier User Data Field Label
		Vchr						AgcyCmtTxt	Voucher [Element] Agency Comment Text

XML Schema Element 1	2	3	4	5	6	7	Element Description	Attributes in the XML 5.0.1 Schema Extract	Element and Attribute Names in Text
							The Vchr element is the container for an Agency's deposit summary for a given program. For summary and detail extracts, the Vchr may be reported as "partial" to indicate a break in the grouping of the information reported within the Sumry element. This is a new feature with the XML 5.0.1 Extract files.	AgtCmtTxt ChnlInitnDt ChnlRcptDt CoinCrncyTotAmt CnfrmDt CrncyTotAmt FY ExcptTypCd NonDomCollInd PartlInd RcptFromDt RcptToDt SvcdALC SmrzdDtlCnt TaxBkdwnCnt VchrDt VchrFormCd ID VchrNr	Agent Comment Text Channel Initiation Date Channel Receipt Date Coin Currency Total Amount Confirmed Date Currency Total Amount Fiscal Year Exception Type Code Non Domestic Collection Indicator Partial Indicator Receipts From Date Receipts To Date Serviced ALC Summarized Detail Count Tax Breakdown Count Voucher Date Voucher Form Code Voucher Identifier Voucher Number
		Tot					A container that represents totals for information reported within the Sumry element. For summary and detail extracts, the totals will be calculated from the detail transactions within the Sumry.	TotCnt InfoOnlyTxnCnt SumryTotInd TotCrAmt TotCrCnt TotDbtAmt TotDbtCnt	Totals [Element] Total Count Informational Only Transaction Count Summary Total Indicator Total Credit Amount Total Credit Count Total Debit Amount Total Debit Count
	Tot						A container that represents totals for information reported on the CollRpt (transmission) level. For summary and detail extracts, totals are provided for both Vchr level information and also detail level information.	TotCnt SumryTotInd TotCrAmt TotCrCnt TotDbtAmt TotDbtCnt	Totals [Element] Total Count Summary Total Indicator Total Credit Amount Total Credit Count Total Debit Amount Total Debit Count

7.9 Attribute Definition

Table 12: Dictionary of Attributes provides a data dictionary for all the attributes that can appear in the XML extract file. The information in the table is sorted alphabetically by Element and then Attribute.

The column "Additional Collection System Information" provides supplemental information when an attribute is used in different ways by different collection systems, or is only used by a specific collection system.

- If there is no entry in this column, the standard definition supplies all the information needed to understand the attribute and is applicable for all Collection Systems.
- If there is a value in quotes within the column that is the actual value that the particular collection system is providing. For example, the additional collection system information for Ckey for CkeyNm shows CAS containing 'Merchant ID'. This indicates that the literal 'Merchant ID' will be in the CkeyNm for CAS.
- If there are no quotes, this is the attribute name in the collection system. For example, the additional collection system information for Ckey CkeyVal shows CAS containing the Merchant ID. This indicates that CAS will populate the Ckey CkeyVal with the value of Merchant ID.

The additional abbreviations used in this table (and not defined in the glossary) are:

- CAS: Card Acquiring Service
- CG ACH: Credit Gateway ACH
- CG Fed: Credit Gateway Fedwire

Table 12: Dictionary of Attributes

5.01 Element	5.0.1 Attribute	Standard definition	Additional Collection System Information
AcctCls	Amt	The transaction amount associated to the accounting classification assigned by the input system.	
AcctCls	CrInd	The indicator denoting whether a financial amount is a debit or credit. If the amount is greater than zero a value of '1' would be assigned and would be considered a 'credit'. If the amount is less than zero a value of '0' would be assigned and would be considered a 'debit'.	

5.01 Element	5.0.1 Attribute	Standard definition	Additional Collection System Information
ACH_Addn	ACH_PmtRelatInfoTxt	The additional information an originator supplies about ACH entry detail records. This term is a standard field in an ACH item and its use is not limited to disbursements. The ACH payment related information is limited to 80 characters.	CG ACH, Pay.gov ACH Debits
ACH_Addn	AddnTypCd	A code that specifically identifies the type, format and contents of the Addendum record.	CG ACH
ACH_Addn	EntyDtlSeqNr	A number assigned by the ODFI that uniquely identifies each entry within a batch in an ACH input file. First eight positions are the Routing Number of ODFI and the last seven positions is an item number assigned in ascending order to the entries within each batch. For Addenda Records, the Trace Number will be identical to the Trace Number in the associated Entry Detail Record	CG ACH
ACH_Addn	SeqNr	A sequence number used to order the addendum records in the ACH addendum.	CG ACH
ACH_Btch	ID	A unique identifier used for the ACH Batch.	CG ACH
ACH_Dtl	ACH_CoDescDtTxt	The date an originator established to describe a transaction, for example, invoice date or due date.	CG ACH
ACH_Dtl	ACH_OrigTrcNr	The trace number as originally included on the entry being returned or acknowledged, or on the Prenotification being rejected or corrected.	CG ACH
ACH_Dtl	ACH_TrcNr	The number used to identify an individual ACH entry within a batch.	CG ACH
ACH_Dtl	ACH_TxnCd	A code that identifies various types of debit and credit transactions. Portions of the code value can also be used to identify the account type associated with the transaction.	CG ACH, Pay.gov ACH Debits
ACH_Dtl	ACH_TypCd	The code that identifies the general categorization for the type of ACH Transaction, for example, Credit, Debit, Prenote, etc.	CG ACH, Pay.gov ACH Debits
ACH_Dtl	AddnCnt	The count of the records in the Addendum node.	CG ACH, Pay.gov ACH Debits
ACH_Dtl	CoDscnyDtaTxt	The reference information an originator includes to enable specialized handling of the entry.	CG ACH
ACH_Dtl	CoEntyDesc	A description of the purpose of the entry or transaction. Reversal transactions will be identified with a value of "REVERSAL".	CG ACH

5.01 Element	5.0.1 Attribute	Standard definition	Additional Collection System Information
ACH_Dtl	DscnyDtaCd	The code that an originator includes to enable specialized handling of the entry.	CG ACH
ACH_Dtl	EffEntyDt	The intended settlement date, as provided by the originator.	CG ACH, Pay.gov ACH Debits
ACH_Dtl	ID	A unique identifier used for the ACH_Dtl element to satisfy the XML hierarchy.	CG ACH, Pay.gov ACH Debits
ACH_Dtl	OrgntrStatCd	The code that identifies whether an originator is bound by certain ACH rules.	CG ACH
ACH_Dtl	StdEntyClsCd	An acronym to specifically identify the type of entry or transaction. List of possible values is identified in the EDA schema.	CG ACH, Pay.gov ACH Debits
ACH_Dtl	SvcClsCd	The code that identifies whether the ACH entries in the batch are debits, credits, or both. List of possible values is identified in the EDA schema.	CG ACH
ACH_Info	ACH_OrigTrcNr	The trace number as originally included on the entry being returned or acknowledged, or on the Prenotification being rejected or corrected.	ECP if the settlement mechanism is ACH. OTCnet E-Check Deposit if the settlement mechanism is ACH. Currently not captured by ECP or OTCnet
ACH_Info	ACH_TrcNr	A number assigned by the ODFI that uniquely identifies each entry within a batch in an ACH input file. First eight positions are the Routing Number of ODFI and the last seven positions is an item number assigned in ascending order to the entries within each batch. For Addenda records, the trace number will be identical to the trace number in the associated Entry Detail Record.	ECP if the settlement mechanism is ACH. OTCnet E-Check Deposit if the settlement mechanism is ACH. Currently not captured by ECP or OTCnet
ACH_Info	ACH_TxnCd	A code that identifies various types of debit and credit transactions. Portions of the code value can also be used to identify the account type associated with the transaction. List of possible values is identified in the EDA schema.	ECP if the settlement mechanism is ACH. OTCnet E-Check Deposit if the settlement mechanism is ACH
ACH_Info	ACH_TypCd	The code that identifies the general categorization for the type of ACH Transaction, for example, Credit, Debit, Prenote, etc. List of possible values is identified in the EDA schema.	ECP if the settlement mechanism is ACH. OTCnet E-Check Deposit if the settlement mechanism is ACH.
ACH_Info	CoEntyDesc	A description of the purpose of the entry or transaction. Reversal transactions will be identified with a value of "REVERSAL".	ECP if the settlement mechanism = ACH. OTCnet E-Check Deposit if the settlement mechanism = ACH. Currently not captured by ECP or OTCnet

5.01 Element	5.0.1 Attribute	Standard definition	Additional Collection System Information
ACH_Info	EffEntyDt	The intended settlement date, as provided by the Originator.	ECP if the settlement mechanism = ACH. OTCnet E-Check Deposit if the settlement mechanism = ACH. Currently not captured by ECP or OTCnet
ACH_Info	RecrInd	Indicates if the item is a recurring transaction.	ECP if the settlement mechanism = ACH. OTCnet E-Check Deposit if the settlement mechanism = ACH. Currently not captured by ECP or OTCnet
ACH_Info	StdEntyClsCd	An acronym to specifically identify the type of entry or transaction. List of possible values is identified in the EDA schema.	ECP if the settlement mechanism = ACH. OTCnet E-Check Deposit if the settlement mechanism = ACH.
ACH_Info	SvcClsCd	The code that identifies whether the ACH entries in the batch are debits, credits, or both. List of possible values is identified in the EDA schema.	ECP if the settlement mechanism = ACH. OTCnet E-Check Deposit if the settlement mechanism = ACH. Currently not captured by ECP or OTCnet
ACH_Rec		The 94-character NACHA formatted record value.	Only provided for CG ACH Entry Detail, Batch Header, Addenda(s)
Addr	AddrTypCd	The code that identifies the type of address, e.g., shipping or billing.	Currently not used
Addr	CnsulrCd	The predefined code used between Treasury and USPS for mailing bulk check shipments to non-US countries via the consulate.	Currently not used
Addr	CntryCd	Country for the payer or payee giving or receiving the payment. Standard ISO 2-letter country code. List of possible values is identified in the EDA schema.	
Addr	CtyNm	City name for the payer or payee giving or receiving the payment.	
Addr	FrgnPostalCd	A code of letters and/or digits added to an address line of the financial institution giving or receiving the payment.	
Addr	NonDomInd	Indicates whether the address for the payer or payee is within the US.	
Addr	PostalCd	The 5-digit (ZIP) code that geographically identifies individual Post Offices or metropolitan area delivery stations associated with every mailing address.	
Addr	PostalCdExt	The 4-digit code (ZIP+4) addition to a postal code that identifies a specific range of delivery addresses.	

5.01 Element	5.0.1 Attribute	Standard definition	Additional Collection System Information
Addr	PostNetBrcdDelPnt	The PostNet barcode that is applied to the check for obtaining postage discounts. Currently not used	Currently not used
Addr	RgnNm	The foreign state, territory, or province name.	Currently not used
Addr	StCd	The US state code or Canadian province for the payer or payee giving or receiving the payment.	
Addr	USPS_IntelMlBarCd	The field used for all intelligent barcode data elements. An agency must work with their Treasury payment servicing center and the US Postal Service to arrange for this service.	Currently not used
AddrLnTxt		Address line for the payer or payee giving or receiving the payment. There are 0 to 5 address lines.	
BT	AgcyGrpID	The identifier for a logical grouping of similar business units.	Pay.gov Agency ID
BT	AgcySiteID	An identifier used by the agency for an account, for example, a Lockbox Number.	Reported in Sumry element
BT	AgcySiteNm	The name of the agency site that processes the transaction	Reported in Sumry element
BT	CnfrmDt	The date that an agent or depositary electronically records or confirms a transaction.	
BT	CollTxnTyp	A high-level categorization of a financial transaction that identifies what type of transaction activity the financial transaction represents. List of possible values identified in the EDA schema: 'Adjustment', 'Chargeback', 'Collection', 'Correction', 'Informational', 'Re-presentment', 'Return/Reversal', 'Unknown'.	
BT	CshFlwID	Identifies the cash flow channel and type of income.	Reported in Sumry element
BT	CshFlwNm	The cash flow name assigned to the cash flow identifier.	Reported in Sumry element

5.01 Element	5.0.1 Attribute	Standard definition	Additional Collection System Information
BT	ID	The identifier for a business transaction record provided to CIR by the sending channel application.	CAS: Network Reference Number/Acquirer Reference Number CG Fed: PAR Sequence(12 (YYMMDD + 6-digit sequence) + 0/1 (credit/debit) CG ACH: Reference ID (ACH Entry Detail Trace Number + Amount + Effective Entry Date) + 0/1 (credit/debit if Correction) Pay.gov: Pay.gov Tracking ID ECP: Sequence Generated Number (PIRN) OTCnet E-Check Deposit: IRN prefixed with a sequence number and a colon delimiter
BT	InstlmInstncNr	The number denoting a particular installment within a series of installments.	Pay.gov
BT	IntragovInd	The indicator denoting whether a payer and payee are both federal government entities.	
BT	IP_Addr	The Internet Protocol (IP) address associated with a transaction.	Currently not available
BT	IptBtchID	The identifier for a batch of transactions received by a program	ECP: Batch ID OTCnet E-Check Deposit: Batch ID Pay.gov
BT	NOC_UpdtRsltTxt	The result of a notification of change (NOC) request against, for example, a payer profile.	Pay.gov
BT	NonDomCollInd	Indicates whether the transaction associated with a collection is considered non-domestic. The values are: '0' - US currency; '1' - Foreign currency	
BT	ProcgPgmNm	The name of a source processing program, for example, the name of a Fiscal Service program that first processes a transaction.	Reported in Sumry element.
BT	ProcgSbprgNm	The name of a subprogram or component of a source processing program.	Reported in Sumry element.
BT	RecrFreqCd	The frequency of a recurring collection, for example: Annual, Bimonthly, Semiweekly, etc. See the EDA schema for additional values.	Pay.gov
BT	RmtnCnt	The total number of remittance documents.	ECP

5.01 Element	5.0.1 Attribute	Standard definition	Additional Collection System Information
BT	RptSbprgNm	The name of a subprogram or component of a reporting program.	Reported in Sumry element.
BT	ScndryProcgPgmNm	The name of an additional processing program; i.e., the name of a Fiscal Service program that is involved in processing a transaction.	Currently not used
BT	ScndryProcgSbprgNm	The name of a subprogram or component of an additional processing program.	Currently not used
BT	SvcdALC	The Agency Location Code (ALC) of the agency that receives services from another agency.	
BT	TotInstlmCnt	The total count of installments in a related series of installments.	Pay.gov
BT	UpdtInd	The indicator denoting whether an item is an original transaction or an update. A value of "1" would mean that this is an update.	OTCnet E-Check Deposit for Represented transactions ECP for changes to the original transaction and Program Data Updates Pay.gov for Program Data updates.
BT_PgmDta	AgcyBillNm	The name an agency assigns to an agency bill or invoice.	Pay.gov Credit Card, ACH, PayPal, Dwolla
BT_PgmDta	AgcyFormNm	The number an agency assigns to an agency form.	Pay.gov Credit Card, ACH, PayPal, Dwolla ECP
BT_PgmDta	AgcyFormNr	The name an agency assigns to an agency form.	Pay.gov Credit Card, ACH, PayPal, Dwolla
BT_PgmDta	BillAcctNr	The account number that links the instance of a bill to a user. Account numbers control which bills a user can view, update, and pay.	Pay.gov Credit Card, ACH, PayPal, Dwolla
BT_PgmDta	BillDt	The date a bill instance is created for an Agency cash flow. For example the Bill Date on the bill for which the payment is being rendered.	Pay.gov Credit Card, ACH, PayPal, Dwolla
BT_PgmDta	CrspdCnt	The total number of correspondence documents.	Currently not available (future ECP)
BT_PgmDta	FormRvsnFileNm	The name that identifies the version of the form used for the transaction.	Pay.gov Credit Card, ACH, PayPal, Dwolla
BT_PgmDta	ID	An identifier for the program data element, usually corresponds to the BT ID and FT ID.	Pay.gov Credit Card, ACH, PayPal, Dwolla ECP OTCnet E-Check Deposit

5.01 Element	5.0.1 Attribute	Standard definition	Additional Collection System Information
BT_PgmDta	OMB_CtlNr	The number assigned by the Office of Management and Budget (OMB) to uniquely identify a government form.	Pay.gov Credit Card, ACH, PayPal, Dwolla
BT_PgmDta	PgCnt	The total number of pages for all documents. Currently not used.	Currently not available (future ECP)
BT_PgmDta	RmtnID	The identifier for the remittance document provided.	ECP
BT_PgmDta	RmtnNm	The name of the remittance document provided.	ECP
BT_PgmDta	UserDtaCnt	The count of User Data occurrences for a specific remittance.	Pay.gov Credit Card, ACH, PayPal, Dwolla ECP OTCnet E-Check Deposit
ChkDtl	ChkSerNr	Contains the serial number of a check and so only applies if the payment medium is Check.	OTCnet E-Check Deposit ECP
ChkDtl	ChkTrcNr	The unique identifier for traceability within Check21 processing.	Currently not available
ChkDtl	ChkTypCd	The code that identifies the type of check, e.g. personal, business, money order, etc. Only applies if the payment mechanism is Check. List of possible values is identified in the EDA schema.	OTCnet E-Check Deposit ECP
ChkDtl	MICR_Unprsd	The Magnetic Ink Character Recognition (MICR) information from a check, captured as a single string.	OTCnet E-Check Deposit ECP
ChkDtl	ProcgMthdCd	The code that identifies whether a check is presented by a check writer who is present at the agency location.	OTCnet E-Check Deposit ECP
ChkDtl	RsrhRqrdInd	The indicator denoting whether the check transaction has been flagged for research.	ECP
ChkImgRef	ChkImgTypCd	The code that identifies whether a check image is the front or back of the check. List of possible values is identified in the EDA schema.	Currently not used
ChkImgRef	ID	The unique identifier for an image.	Currently not used
ChkImgRef	ImgAddrID	The address that provides the unique location for the image content.	Currently not used
ChkImgRef	ImgLenNr	The size of an image in bytes.	Currently not used
ChkImgRef	ImgOffstNr	The starting point in bytes for a particular image within a batch.	Currently not used

5.01 Element	5.0.1 Attribute	Standard definition	Additional Collection System Information
Ckey	CkeyNm	The string that contains the actual CKey Name. For example, the CKey Name could be 'Tax Class', and the CKey Values could be '01', '02', etc.	OTCnet: 'Agency Accounting Code' CAS: 'Merchant ID' ECP: 'ECP ALC+2', 'Tax Class' Pay.gov: 'Pay.gov ALC+2' for most transactions; 'Merchant ID' for some credit card transactions CG ACH: 'CG ACH' CG Fed: 'CG Fedwire' EFTPS: 'IRS TAX CLASS' FRBCL MISC: Populated with a literal value that pertains to the reporting program and subprogram, separated by a 'pipe' character. The data that is sent is restricted to a length of 25 characters. Some examples include: 'BPD|SCHED OF FED DEBT ALC', 'DEBIT GATEWAY-AGENCY DIRE', 'PCC OTC| ALC', 'BPD|ADMIN ALC', 'OTCNET|E-CHECK DEPOSIT AL', 'CURRENCY BUREAUS| ALC' SVC Eagle Cash: 'SVC EagleCash ALC' SVC EZ Pay: 'SVC EZpay ALC'
Ckey	CkeyVal	The string that contains the actual CKey Value.	OTCnet: Agency Accounting Code CAS: Merchant ID ECP: ALC+2 Pay.gov: ALC+2 (for most transactions), Merchant ID for some credit card transactions CG ACH: Credit Gateway sub-account CG Fed: Credit Gateway sub-account EFTPS: 'TAX-CLASS-(n)-AMT' where n is the Tax Class Code (1, 2, 3, 4, 5, 7, 8, 9) FRBCL MISC: ALC
CollRpt	EOD_Ind	The indicator denoting whether a file is considered the end-of-day file. CIR will always populate with a value of '0' for extract files.	
CollRpt	ID	Value generated by CIR that uniquely identifies the extract file.	
CollRpt	IptSysTxt	The sending partner that provides information to a receiving partner. CIR will always populate with the value "CIR" for extract files.	
CollRpt	SeqNr	CIR will always populate with the value "1".	

5.01 Element	5.0.1 Attribute	Standard definition	Additional Collection System Information
CollRpt	TrnsmTs	The date and time when the extract was created.	
Excpt	LglTxnAmt	The amount that should have been reported on the original transaction. For an encoded error, this amount equals the amount of the adjustment transaction plus the original recorded amount.	ECP – Adjustments OTCnet E-Check Deposits – Adjustments (future)
Excpt	OrigAgcyTxnID	The agency transaction identifier an agency assigned for the original transaction.	Pay.gov: Agency Tracking ID
Excpt	OrigBnkPostDt	The bank posting date associated with the original transaction.	ECP OTCnet E-Check Deposits Pay.gov
Excpt	OrigChnlTxnID	The identifier a channel assigned for the original transaction.	
Excpt	OrigRecAmt	The amount originally recorded for the transaction.	ECP – Adjustments OTCnet E-Check Deposits – Adjustments (future)
Excpt	OrigSttlTxnID	The settlement transaction identifier a settlement provider assigned for the original transaction.	
Excpt	OrigVchrDt	The voucher date of the original voucher or ticket that is being adjusted or corrected.	ECP OTCnet E-Check Deposits Pay.gov
Excpt	OrigVchrID	The voucher identifier of a voucher that a subsequent voucher adjusts, corrects, or rescinds.	
Excpt	OrigVchrNr	The voucher number (debit voucher or deposit ticket number) that identifies the original voucher or ticket that is being adjusted or corrected.	ECP OTCnet E-Check Deposits Pay.gov OTCnet Bank Deposits
Excpt	ResnCd	Code to identify the reason for an adjustment and could be populated for adjustments, returns and corrections.	ECP Pay.gov PayPal: PayPal Transaction Code OTCnet E-Check Deposits: Pay.gov ACH: ACH Reason Code
Excpt	ResnTxt	The descriptive reason for an adjustment, return or correction.	Pay.gov PayPal: PayPal Transaction Code description Pay.gov ACH: ACH Reason Description CAS: Chargeback reason

5.01 Element	5.0.1 Attribute	Standard definition	Additional Collection System Information
FrgnCrncy	ConvMthdCd	The method used to convert the foreign currency amount to US Dollars. List of possible values is identified in the EDA schema.	CG ACH: ACH IAT Transactions
FrgnCrncy	ExchRte	The exchange rate used to convert a foreign currency to an amount in US currency. Since multiple formats can be used for foreign currencies the format for this exchange rate amount field is string.	OTCnet Bank Deposit
FrgnCrncy	FrgnCrncyAmt	The amount of the transaction as expressed in the foreign currency. Since multiple formats can be used for foreign currencies the format for this amount field is string.	CG Fed: 3710 Instructed Amount CG ACH: ACH IAT Transactions OTCnet Bank Deposit
FrgnCrncy	OrigCrncyCd	The code that defines the type of foreign currency using the standard three-letter ISO 4217 currency codes.	Currently not used
FrgnCrncy	OrigCrncyCdTxt	The non-standard currency code.	OTCnet Bank Deposit
FT	AgcyTxnID	The identifier an agency provides for a transaction.	Pay.gov: Agency Tracking ID
FT	Amt	The detail transaction amount. The amount is always positive (unsigned). The actual sign of the amount is determined based on the Sumry CrInd value.	
FT	ChnlInitnDt	The date that the transaction was initiated, for example, the date that the lockbox opened up the payment or the date the payment was mailed.	CG Fed: IMAD Input Cycle Date Pay.gov: Transaction Date CAS: Transaction Date OTCnet E-Check Deposit: Capture date, or the date the check was scanned.
FT	ChnlRcptDt	The date that an agent or depositary receives a transaction.	ECP: Capture Date Pay.gov: Transaction Date CG ACH: Process Date CG Fed: Process Date CAS: Transaction Date OTCnet E-Check Deposit: Receive Date
FT	ChnlTxnID	The identifier a channel assigned for the original transaction.	

5.01 Element	5.0.1 Attribute	Standard definition	Additional Collection System Information
FT	ID	The identifier for a financial transaction record provided to CIR by the sending channel application.	CAS: Network Reference Number/Acquirer Reference Number CG Fed: PAR Sequence(12 (YYMMDD + 6-digit sequence) + 0/1 (credit/debit) CG ACH: Reference ID (ACH Entry Detail Trace Number + Amount + Effective Entry Date) + 0/1 (credit/debit if Correction) Pay.gov: Pay.gov Tracking ID ECP: Sequence Generated Number (PIRN) OTCnet E-Check Deposit: IRN
FT	PayerMchsmCd	The payment medium for the transaction. List of possible values is identified in the EDA schema.	CAS: 'Credit Card', 'Debit Card' CG ACH: 'ACH' CG Fed: 'Wire' Pay.gov: 'ACH', 'Credit Card', 'Other' ECP: 'Paper Check' OTCnet E-Check Deposit: 'Paper Check'
FT	RecrInd	Indicates if the item is a recurring transaction.	Pay.gov: ACH Debits only CG ACH: Applicable only to some WEB transactions
FT	RptrID	The identifier of the person or entity submitting the transaction to the channel application.	OTCnet E-Check Deposit: Cashier ID ECP: Operator ID Pay.gov: UserName
FT	SttlMchsmCd	The settlement system that was used to complete this transaction. List of possible values is identified in the EDA schema.	Reported in Sumry element.
FT	SttlRcptDt	The date payment was received. An example would be the date that the lockbox opened up the payment.	Reported in Sumry element.
FT	SttlStatCd	The settlement status code that identifies how the transaction was settled.	OTCnet E-Check Deposit ECP Pay.gov Pay.gov PayPal: PayPal Transaction Status
FT	SttlTxnID	The identifier for a transaction within the settlement service.	Pay.gov PayPal: PayPal Transaction ID

5.01 Element	5.0.1 Attribute	Standard definition	Additional Collection System Information
FwireDtl	BusFcnCd	The code that identifies the type of business the message represents, e.g., bank transfer (BTR), drawdown response (DRW), etc.	CG Fed
FwireDtl	FwireSubTypCd	The code used in combination with the Fedwire type code to identify the type of Fedwire Message. List of possible values is identified in the EDA schema.	CG Fed
FwireDtl	FwireTypCd	The code used to identify the type of Fedwire Message, e.g., funds transfer, foreign transfer, etc. List of possible values is identified in the EDA schema.	CG Fed
FwireDtl	IMAD	Identifies the transaction within the collection system/settlement service.	CG Fed
FwireDtl	IncmgTxnInd	The indicator denoting whether the Fedwire message represents a transaction received into the Treasury's Fedwire account or sent from the Treasury's Fedwire account. A value of '1' indicates the Fedwire message is incoming.	CG Fed
FwireDtl	OMAD	The Output Messaging Accountability Data (OMAD) is a combination of a date, destination identifier, and sequence number assigned to a Fedwire message when it is processed by the Federal Reserve Bank Funds Transfer application.	Currently not used
FwireDtl	OrigIMAD	The original Input Messaging Accountability Data (IMAD) associated with an earlier Fedwire message, also known as 'Previous IMAD'.	CG Fed
FwireDtl	TotCnt	The total number of items.	CG Fed
ImgRef	ID	The container that provides the reference identifiers to an image file. Currently not used.	Currently not used
ImgRef	ImgAddrID	The address that provides the unique location for the image content.	Currently not used
ImgRef	ImgLenNr	The size of an image in bytes.	Currently not used
ImgRef	ImgOffstNr	The starting point in bytes for a particular image within a batch.	Currently not used
MssgDtaElmt	CUI_Ind	Indicator that the Fedwire Data Element contains privacy data.	CG Fed
MssgDtaElmt	ElmtNm	Name of element within the tag (e.g. Output Cycle Date). See Appendix A for the list of possible values.	CG Fed

5.01 Element	5.0.1 Attribute	Standard definition	Additional Collection System Information
MssgDtaElmt	FwireTagCd	The numeric value for the Fedwire Section that represents the tag number as defined in a Fedwire message. For example "1520". See Appendix A for the list of possible values.	CG Fed
MssgDtaElmt	ID	An identifier for the record. For a receiving system, this value can be used to reconcile updates to an existing record and qualify new records. For a sending system, this value can be used to reconcile acknowledgements for the submitted records.	CG Fed
MssgDtaElmt	SeqNr	A sequence number used to order the Fedwire message data elements.	CG Fed
MssgDtaElmt	UnstrdDtaInd	The indicator denoting whether the value element contains unstructured content. A value of '1' indicates that the data in MssgDtaElmt is unstructured.	CG Fed
MssgDtaElmt		Value of element within the tag (e.g. value of the Output Cycle Date).	CG Fed
OrdLvl_III_Dta		Card Order Unstructured Data	Pay.gov Credit Card
OrgLvl	ID	The identifier for a particular level within an organizational unit of the Federal Government.	OTCnet Bank Deposit OTCnet E-Check Deposit
OrgLvl	IntOrgCd	The code that identifies the entity that manages resources below the agency and bureau level, such as an office or a division.	OTCnet Bank Deposit OTCnet E-Check Deposit
OrgLvl	RefNm	The reference name for a data record.	OTCnet Bank Deposit OTCnet E-Check Deposit
Payee	AgtBnkAcctNr	The account number of a deposit account at a financial agent or depositary that the bank uses for transactions involving public money.	Reported on Sumry
Payee	AgtRTN	The routing number (RTN) associated with an agent or depositary.	Reported on Sumry
Payee	PtyID	The ID by which the Payee recognizes the originator of the transaction, for example the beneficiary ID on a FedWire or the Entry Detail Identification Number or Batch Company ID on an ACH.	CG Fed: Beneficiary Identifier CG ACH: Entry Detail Identification Number or Batch Company ID

5.01 Element	5.0.1 Attribute	Standard definition	Additional Collection System Information
Payee	PtyNm	The name of the party receiving the payment whether individual or organization.	CG Fed: Originator Name or Beneficiary Name or DRW Name CG ACH: ACH Entry Detail Receiving Company Name/Individual Name CAS: Merchant Name (DBA Name) Pay.gov: Agency Name ECP: Owner Organization of the cash flow
Payer	BnkAcctNr	The bank account number of the financial institution giving the payment.	
Payer	BnkAcctTypCd	Indicates whether the bank account is a checking account (C), savings account (S), or general ledger account (G). The EDA schema includes a value for loan account (L) which is not used within CIR.	
Payer	NonDomBnkInd	Indicates whether the bank is a US domestic bank based on the bank's address.	
Payer	PtyID	The ID by which the Receiver is known to the Originator. For example the invoice number on an ACH (from the ACH Individual ID number).	CG Fed: Beneficiary Reference CG ACH: ACH Batch Company Identification or Entry Detail Individual Identification Number
Payer	PtyNm	The name on face of credit card or bank account from which the funds will be drawn.	CG Fed: Originator Name or Beneficiary Name or DRW Name CG ACH: ACH Batch Company Name/Individual Name Pay.gov: Account Holder Name
Payer	PtyTypCd	Indicates whether the party giving the payment is an Individual, Business or Government. If unknown, then no value is provided. List of possible values identified in the EDA schema are 'Individual', 'Business' and 'Government.'	CAS: Derived from Card Product Type
Payer	RTN	Used synonymously as ABA routing number and routing transit number. The routing number consists of 9 digits, for example XXXXYYYYC where XXXX is Federal Reserve Routing Symbol, YYYY is ABA Institution Identifier, and C is the Check Digit. When BankInfo appears in the XML hierarchy under Payer or under Summary it represents the institution giving the money. When BankInfo appears in the XML hierarchy under Payee it represents the institution receiving the money.	

5.01 Element	5.0.1 Attribute	Standard definition	Additional Collection System Information
PgmDta	ID	The identifier for the Program Data provided to CIR by the sending channel application.	ECP: Remittance ID (RIRN) Pay.gov: Tracking ID OTCnet E-Check Deposit: IRN OTCnet Bank Deposit: sequential number
PgmDta	UserDtaCnt	The count of User Data occurrences for a specific Program Data ID.	ECP Pay.gov OTCnet E-Check Deposit
PlstcCrdDtl	AdjTypCd	The code identifying the type of change to a previous transaction.	CAS and Pay.gov Credit Card transactions only.
PlstcCrdDtl	AuthCd	A three-character code that defines how the authorization for the card was read. The first two positions refer to how the card was read and the third position refers to the capture of the PIN.	CAS and Pay.gov Credit Card transactions only. An example of the code and the meaning for the first 2 positions is '02' means Magnetic Stripe Read. An example of the code for the third position is '1' means Terminal Can Accept and Capture PINS.
PlstcCrdDtl	AuthChrsCd	A one-character code that defines if the card was presented for authorization, whether the merchant name and location were provided, if the card was not provided what authorization was used.	CAS and Pay.gov Credit Card transactions only. An example of the code is 'A' means Card present.
PlstcCrdDtl	AuthRqstRspCd	The code that indicates whether the transaction is approved or declined. If declined, it will indicate why it was declined.	CAS and Pay.gov Credit Card transactions only.
PlstcCrdDtl	AuthSrcCd	A one-character code that identifies the authorization source for the card transaction.	CAS and Pay.gov Credit Card transactions only. An example of the code is '9' means Automated Referral Service Response
PlstcCrdDtl	AVS_RspCd	A one-character code that the merchant received when processing the transaction related to the processing of the address information.	CAS and Pay.gov Credit Card transactions only. An example of the code is 'Y' means Address and 5-digit ZIP code match
PlstcCrdDtl	CAT_Cd	A one-character code that provides the type of Cardholder Activated Terminal Indicator (CAT).	CAS and Pay.gov Credit Card transactions only. An example of the code is '1' means Type A UAT-Limited Amount Terminal
PlstcCrdDtl	ChnlCtffTm	The time that determines the end of a 24 hour day for plastic card payments, when a transaction will be sent for settlement, as defined by the agency.	CAS and Pay.gov Credit Card transactions only.
PlstcCrdDtl	ClntBtchNr	A six character client batch number if supplied.	CAS and Pay.gov Credit Card transactions only.

5.01 Element	5.0.1 Attribute	Standard definition	Additional Collection System Information
PlstcCrdDtl	CrdEvnTypCd	The event type of the plastic card transaction, e.g., Sale, Authorization, Void Sale, etc.	CAS and Pay.gov Credit Card transactions only. Pay.gov Plastic Card: 'Sale', 'Authorization', 'Force', 'Refund'. CAS: 'Card Sale', 'Card Return', 'POS Debit', 'POS Credit'. CrdEvnTypCd is not available on Credit Card Chargebacks and Returns
PlstcCrdDtl	CrdNr	The partial portion of the credit card or debit card number used for the payment that was provided to CIR.	Currently not used
PlstcCrdDtl	CrdNtwrkTypCd	The type of network the plastic card used for a payment. Valid Values: VISA, MCRD, AMEX, DISC	CAS and Pay.gov Credit Card transactions only.
PlstcCrdDtl	CrdPrdctCd	The type of card used for the transaction. For example, AX (American Express).	CAS and Pay.gov Credit Card transactions only.
PlstcCrdDtl	CrdPrdctTypCd	A code valid only for Visa, Discover and MasterCard that provides information on the type of card.	CAS and Pay.gov Credit Card transactions only. An example of the code is 'CC' for Visa Classic Credit
PlstcCrdDtl	CrdRspCd	A value that corresponds with the results of the transaction. This value represents whether the CVV2 matches or has been processed.	CAS and Pay.gov Credit Card transactions only.
PlstcCrdDtl	CrdSctyCd	The 3 or 4 digit value printed on the card or signature strip but not available on the magnetic strip.	Currently not used
PlstcCrdDtl	CrgbkRecNr	Record number for any single customer transaction that is questioned, used to relate all disputes and subsequent records.	CAS and Pay.gov Credit Card transactions only.
PlstcCrdDtl	CrgbkRefNr	The network reference number related to the chargeback.	CAS and Pay.gov Credit Card transactions only.
PlstcCrdDtl	CshBckAmt	Amount of money that is added to the total purchase price of a transaction (paid by debit card). The customer receives the extra amount in cash along with their goods.	CAS and Pay.gov Credit Card transactions only.
PlstcCrdDtl	DrftLoctNr	Customer supplied reference data used for matching and/or tracking transactions.	CAS and Pay.gov Credit Card transactions only.
PlstcCrdDtl	ID	An identifier for the plastic card detail element as required by the XML schema.	CAS and Pay.gov Credit Card transactions only.
PlstcCrdDtl	IntchgAdjAmt	The amount that the merchant must pay to the network carrier (i.e. Visa, MasterCard, AMEX, Discover) representing the true cost of a plastic card transaction.	CAS and Pay.gov Credit Card transactions only.

5.01 Element	5.0.1 Attribute	Standard definition	Additional Collection System Information
PlstcCrdDtl	IntchgAdjAmtSgnInd	The sign of the InterchangeAdjustmentAmount. If the Interchange Adjustment Amount is less than zero then this value equals '-' else it equals '+'.	CAS and Pay.gov Credit Card transactions only.
PlstcCrdDtl	IntchgAdjResnCd	A code value that provides the reason for the interchange fee adjustment.	CAS and Pay.gov Credit Card transactions only.
PlstcCrdDtl	IntchgCd	A code that identifies the type of transaction that the interchange fee applies to and dictates the interchange fee amount applied to the transaction.	CAS and Pay.gov Credit Card transactions only.
PlstcCrdDtl	IntchgRembrsFeeAmt	The amount that the merchant must pay to the network carrier (i.e. Visa, MasterCard, AMEX, Discover) representing the true cost of a plastic card transaction.	CAS and Pay.gov Credit Card transactions only.
PlstcCrdDtl	IntchgRembrsFeeAmtSgnInd	The sign of the InterchangeReimbursmentFeeAmount. If the Interchange Adjustment Amount is less than zero then this value equals '-' else it equals '+'.	CAS and Pay.gov Credit Card transactions only.
PlstcCrdDtl	MrchntCatCd	The code that designates the type of merchant business (food, department store, etc.) for a plastic card transaction.	CAS and Pay.gov Credit Card transactions only.
PlstcCrdDtl	MrchntNr	The unique identifier of the plastic card merchant, as assigned by the settlement provider. For collections activities this identifier currently uniquely represents an Agency within the plastic card settlement provider.	CAS and Pay.gov Credit Card transactions only.
PlstcCrdDtl	MrchntStrNr	A nine-digit merchant store number assigned by Fifth Third. Field is right justified and zero filled. Example: '000054321'	CAS and Pay.gov Credit Card transactions only.
PlstcCrdDtl	MskdCrdNr	The masked credit card or debit card number.	CAS and Pay.gov Credit Card transactions only.
PlstcCrdDtl	MthYrExpirDt	The month/year value of the expiration date on the plastic card used for the payment.	CAS and Pay.gov Credit Card transactions only.

5.01 Element	5.0.1 Attribute	Standard definition	Additional Collection System Information
PlstcCrdDtl	NtwrkRspCd	A string of fields used to define the card provider's response. Different strings are used for Visa, for MasterCard, and for all other provider response codes. For Visa: 15 character Transaction ID + 4 character Validation Code and a 2 character Authorization Response Code For MasterCard: 9 Character Banknet Reference Number + 4 character Banknet Settlement Date + 8 characters that are reserved for future use. For all other providers: Business Date -MMDDCCYY format + 12 character Retrieval Reference Number + 1 character CAVV Response + 1 character Void Indicator + 3 character Origin Type + 2 character Visa Card Level Results/Visa Product Code.	CAS and Pay.gov Credit Card transactions only.
PlstcCrdDtl	OrdID	The identifier for plastic card order-level data.	CAS and Pay.gov Credit Card transactions only.
PlstcCrdDtl	OrigIntchgCd	A two-character value that identifies the business type of the merchant. The classification is used for interchange fee purposes.	CAS and Pay.gov Credit Card transactions only.
PlstcCrdDtl	PlstcTypCd	The code that identifies the type of plastic card medium used, e.g., credit card, gift card, etc. List of possible values identified in the EDA schema are: 'CRT', 'DBT', 'EBT', 'GFT', 'WIC'	CAS and Pay.gov Credit Card transactions only.
PlstcCrdDtl	POS_EntyMde	A three-character code that provides the entry mode. The first two positions refer to how the card was read and the third position refers to the capture of the PIN.	CAS and Pay.gov Credit Card transactions only. An example of the code is for the first 2 positions '02' means Magnetic Stripe Read. For the third position '1' means Terminal Can Accept and Capture PINS.
PlstcCrdDtl	RgstrNr	A four-character number provided if available with the number of the register where the card transaction occurred.	CAS and Pay.gov Credit Card transactions only.
PlstcCrdDtl	StrPrsnID	The identifier of the salesperson who performed the transaction.	CAS and Pay.gov Credit Card transactions only.
PlstcCrdDtl	TaxblAmt	The taxable amount of the transaction.	CAS and Pay.gov Credit Card transactions only.
PlstcCrdDtl	TrmNr	A nine-character number provided if available with the number of the terminal where the card transaction occurred.	CAS and Pay.gov Credit Card transactions only.
PlstcCrdDtl	TxnTm	The time of the transaction (along with transaction date).	CAS and Pay.gov Credit Card transactions only.
PlstcCrdDtl	TxnTmZnCd	The time zone where the transaction occurred.	CAS and Pay.gov Credit Card transactions only.
Sumry	AcctbBusLnCd	The business line of a transaction's content (as opposed to the business line of the program that processes the transaction, which is not always the same).	Currently not used

5.01 Element	5.0.1 Attribute	Standard definition	Additional Collection System Information
Sumry	AgcySiteID	The physical location where the transaction occurred.	CAS and Pay.gov Credit Card: Merchant ID Navy Cash: Ship Name SVC Eagle Cash, EZ Pay: Base Camp ID OTCnet E-Check Deposit: OTC Endpoint Short Name OTCnet Bank Deposit: OTC Endpoint
Sumry	AgcySiteNm	The name of the agency site that processes a transaction.	
Sumry	AgtBnkAcctNr	The account number of a deposit account at a financial agent or depositary that the bank uses for transactions involving public money.	
Sumry	AgtBnkNm	The name of the agent or depositary.	Currently not used
Sumry	AgtRTN	The routing number (RTN) associated with an agent or depositary.	
Sumry	ALC	Identifies the accounting office within an agency that reports disbursements and collections to Treasury.	
Sumry	BnkBrnchID	The identifier for a financial institution branch.	Currently not available (future OTCnet Bank Deposit)
Sumry	BnkPostDt	The date that an agent or depositary credits or debits funds to or from a Treasury account (either a deposit account or routing number (RTN)). Formerly Settlement Date/Deposit Date	CAS: Wire Date CG ACH: ACH Batch Settlement Date CG Fed: Confirmed Date ECP: Effective date Pay.gov: Effective date OTCnet E-Check Deposit: Debit Gateway deposit date for Settled and Retired transactions; re-presentment effective date for Represented transactions, and expected settlement date for Failed transactions.
Sumry	BulkPrvrNm	The name of a payroll provider that makes tax payments through an Electronic Data Interchange (EDI) compatible system.	EFTPS only
Sumry	BurNm	The name of a bureau.	Currently not used
Sumry	CAN	The six-digit identifier representing a Central Accounts Receivable System (CARS) account profile that includes a legacy CA$HLINK account type, routing number (RTN), deposit account, deposit funds availability, and cost code information, as well as potentially other factors.	

5.01 Element	5.0.1 Attribute	Standard definition	Additional Collection System Information
Sumry	ChnID	The identifier assigned to each account by a plastic card provider. Some agencies have more than one chain to differentiate between major lines of business. The chain identifier is associated to division identifier.	CAS: Chain identifier Pay.gov Credit Card: Chain identifier
Sumry	ChnlEInd	The indicator denoting whether the Fiscal Service program received the transactions electronically.	Currently not used
Sumry	ChnlTypCd	The delivery method used by remitter to initiate payment to the agency. Channel identifies the original point of payment initiation, the first interface between the payer and the government. List of possible values identified in the EDA schema are: 'Bank', 'Internet', 'Mail', 'Mobile', 'OTC', 'Phone'. Note that 'Mobile' is currently not used in the extracts.	
Sumry	CollBusDt	The business date that the transaction was assigned when it was processed by CIR. The business date controls when the transaction is reported to CARS/GWA and corresponds to the report date in CARS/GWA.	
Sumry	CollStatCd	Identifies what state the transaction currently represents in the collection transaction life cycle. List of possible values identified in the EDA schema are: 'Cancelled', 'In-Process', Received', 'Rejected', 'Retired', 'Settled', 'Unknown'.	CG ACH Intraday, CG Fed Real-Time and OTCnet E-Check Deposit Represented transactions all have a status of 'In-Process' since the financially settled transaction is sent separately to CIR
Sumry	ComlBnkInd	The indicator denoting whether the item was settled through a commercial depositary. A value of '1' would mean that it is a commercial transaction.	CAS: All commercial CG ACH: Non-commercial (though this indicator does not apply) CG Fed: Non-commercial (though this indicator does not apply) ECP: All non-commercial (at least until FA settled items are sent) EFTPS: All non-commercial OTCnet Bank Deposit: All commercial OTCnet E-Check Deposit: All non-commercial Pay.gov ACH: Non-commercial Pay.gov Credit Card, PayPal, Dwolla: Commercial. FRB CL Misc: All non-commercial SVC Navy Cash, Eagle Cash, EZ Pay: Commercial

5.01 Element	5.0.1 Attribute	Standard definition	Additional Collection System Information
Sumry	CostCtrWrkUnitCd	The Cost Center Work Unit for FRB deposits and adjustments often abbreviated as CCWU.	Provided only on non-commercial (FRB settled) transactions
Sumry	CrInd	The indicator denoting whether a financial amount is a debit or credit. If the amount is greater than zero a value of '1' would be assigned and would be considered a 'credit'. If the amount is less than zero a value of '0' would be assigned and would be considered a 'debit'.	
Sumry	CshFlwID	Identifies the cash flow channel and type of income.	Pay.gov: ALC +2 ECP: ALC +2 CG Fed: Credit Gateway sub-account CG ACH: Credit Gateway sub-account OTCnet E-Check Deposit: ALC + 2
Sumry	CshFlwNm	The cash flow name assigned to the cash flow identifier.	Pay.gov: Application Name ECP: Cashflow Name CG Fed: Sub-account Name CG ACH: Sub-account Name OTCnet E-Check Deposit: Endpoint Description
Sumry	DivID	The identifier assigned to each account by a plastic card provider that represents a deposit into the Collections Information Repository (CIR), when combined with a Chain.	CAS: Division identifier Pay.gov Credit Card: Division identifier
Sumry	FRB_AcctKeyCd	The identifier for a program assigned within FRB CA$H-LINK, known within that system as an account key. The FRB CA$H-LINK account key is similar to the Collections Account Number (CAN), but is only used for financial activity involving Federal Reserve Banks.	Provided only on non-commercial, FRB settled, transactions
Sumry	FRB_DistCd	The code denoting the general area of coverage for a Federal Reserve Bank. The Federal Reserve System assigns district codes. List of possible values is identified in the EDA schema.	Provided only on non-commercial, FRB settled, transactions
Sumry	FRB_OfcCd	The code denoting a particular Federal Reserve Bank location within a given Federal Reserve Bank district.	Provided only on non-commercial, FRB settled, transactions
Sumry	ID	A CIR generated identifier for the summary element that is required by the schema hierarchy.	

5.01 Element	5.0.1 Attribute	Standard definition	Additional Collection System Information
Sumry	InitProcgSiteID	The identifier for initial agent or depositary site that receives a transaction. For example, each lockbox processing site can have its own identifier.	ECP: Financial Agent ID (FAID)
Sumry	IptSysTxt	The sending trading partner (e.g. what channel provided the collection information to CIR).	CAS (Card Acquiring Service) CGACH (Credit Gateway ACH) CGFEDWIRE (Credit Gateway Fedwire) DVS (Direct Voucher System) ECP (ECP) EFTPS-ACH CR (EFTPS ACH Credits) EFTPS-ACH DR (EFTPS ACH Debits) EFTPS-OLBP (EFTPS ACH OLBP) EFTPSAGYTAX (EFTPS Agency Tax) EFTPS-WIRE (EFTPS Wire) FRBCL MISC (FRB CA$H-LINK – Miscellaneous FRB Deposits NAVYCASH OTCNET-CHK (OTCnet E-Check Deposit) OTCNET-TGA (OTCnet Bank Deposit) PAYGOV (Pay.gov) SVCBOS (Eagle Cash. EZ Pay)
Sumry	IRS_TaxInd	Indicates if the item is a tax collection transaction. A value of '1' indicates an IRS Tax collection.	
Sumry	LkbxAcctID	The identifier for the lockbox activity received by a lockbox processing site.	ECP only
Sumry	MnlEntyInd	The indicator denoting whether an entry was captured through manual entry by an agent. A value of '1' indicates manual entry.	Currently not used
Sumry	NonDomBnkInd	The identifier denoting whether the Fiscal Service considers an entity to be non-domestic. A value of '1' indicates non-domestic.	
Sumry	NonTreasCollCd	The identifier that indicates whether a collection is the responsibility of a non-governmental agency or a government agency that holds cash outside of Treasury. List of possible values identified in the EDA schema are 'NGAF' and, 'CIHO'.	OTCnet E-Check Deposit only

5.01 Element	5.0.1 Attribute	Standard definition	Additional Collection System Information
Sumry	OrgNm	The official name by which an Organization Unit of the United States Federal Government is referred. (Title of the Agency Location)	Currently not used
Sumry	OthScndryRTN	The routing number (RTN) used to segregate transaction activity that is reported to the Treasury's Master Account through a Subaccount RTN, to accommodate reporting and operational needs. It is also referred to as an Other Secondary Customer Identification Number (CIN) by the Federal Reserve or as a Tier 3 RTN by Treasury.	
Sumry	PgmTrcID	The identifier a financial agent provides to support traceability throughout a collection lifecycle.	ECP: Agent Trace ID
Sumry	ProcgPgmNm	The name of a source processing program; i.e., the name of a Fiscal Service program that first processes a transaction.	
Sumry	ProcgSbprgNm	The name of a subprogram or component of a source processing program.	
Sumry	RcptMchsmCd	The code that identifies the format of a financial instrument when a collections channel program receives it. List of possible values is identified in the EDA schema.	CAS: 'Card' NAVYCASH: 'SVC' OTCnet Bank Deposit: 'Cash/Und Check' OTCnet E-Check Deposit: 'Check Image' Pay.gov: 'Card', 'Other', 'ACH', 'Digital Wallet' ECP: 'Paper Check' EFTPSAGYTAX: 'Book Entry' CG ACH: 'ACH' CG Fedwire: 'Wire' SVC Eagle Cash: 'SVC' SVC EZ Pay: 'SVC'
Sumry	RptBusLnCd	The business line of the program that processes the transaction (as opposed to the business line of a transaction's content, which is not always the same).	Currently not used
Sumry	RptPgmNm	The name of a reporting program; i.e., the name of a Fiscal Service program that reports transactions to a central repository.	
Sumry	RptSbprgNm	The name of a subprogram or component of a reporting program.	

5.01 Element	5.0.1 Attribute	Standard definition	Additional Collection System Information
Sumry	ScndryProcgPgmNm	The name of an additional processing program; i.e., the name of a Fiscal Service program that is involved in processing a transaction.	Currently not used
Sumry	ScndryProcgSbprgNm	The name of a subprogram or component of an additional processing program.	Currently not used
Sumry	SttlMchsmCd	The settlement system that was used to complete this transaction. List of possible values is identified in the EDA schema.	CAS: 'Card' CG ACH: 'ACH' CG Fed: 'FedWire' Pay.gov: 'ACH', 'Card', 'Other', 'Digital Wallet' ECP: 'ACH', 'Paper Check', 'Check Image' OTCnet E-Check Deposit: 'ACH', 'Check Image', 'Paper Check' OTCnet Bank Deposit: 'Cash/Und Check' SVC Eagle Cash: 'SVC' SVC EZ Pay: 'SVC'
Sumry	SttlRcptDt	The date payment was received. An example would be the date that the lockbox opened up the payment.	
Sumry	SubAcctRTN	The routing number (RTN) used to segregate transaction activity that is reported directly to the Treasury Master Account, to accommodate reporting and operational needs. It is also referred to as a SubAccount Customer Identification Number (CIN) by the Federal Reserve or as a Tier 2 RTN by Treasury.	
Sumry	SvcngALC	The Agency Location Code (ALC) of the agency that provides services to another agency.	
TAS_BETC	AgcyID	Used in conjunction with the main account code, the department, agency, or establishment of the US government that is responsible for the TAS.	
TAS_BETC	AlctnTrfrAgcyID	The agency receiving funds through an allocation transfer.	
TAS_BETC	AvlbltyTypCd	Identifies no-year accounts (X), clearing/suspense accounts (F), Treasury central summary general ledger accounts (A), and merged-surplus accounts (M).	
TAS_BETC	BegngPdOfAvlblty	In annual and multiyear accounts, identifies the first year of availability under law that an account may incur new obligations.	

5.01 Element	5.0.1 Attribute	Standard definition	Additional Collection System Information
TAS_BETC	BETC	The type of activity (gross disbursement, offsetting collection, investment in Treasury securities, etc.) and the effect of a transaction on the Fund Balance With Treasury (FBWT). Is used in combination with the Treasury Account Symbol to classify transactions reported to Treasury through all Governmentwide Accounting (CARS/GWA-compliant) Fiscal Service Systems.	
TAS_BETC	BusEvnTypNm	The name associated with a Business Event Type Code value.	Currently not used
TAS_BETC	EndPdOfAvlblty	In annual and multiyear accounts, identifies the last year of availability under law that an account may incur new obligations.	
TAS_BETC	MnAcctCd	Identifies the type and purpose of the fund.	
TAS_BETC	SubAcctCd	Identifies an available receipt or other Treasury-defined subdivision of the main account.	
TAS_BETC	SubLvlPrfxCd	When populated, represents a programmatic breakdown of the account for Treasury publication purposes.	
TaxBkdwnDta	Amt	The transaction amount of the tax breakdown.	OTCnet Bank Deposit OTCnet E-Check Deposit ECP
TaxBkdwnDta	ChnlTypCd	The code that identifies the channel through which an agent or depositary receives a transaction.	OTCnet Bank Deposit OTCnet E-Check Deposit ECP
TaxBkdwnDta	CrInd	The indicator denoting whether a financial amount is a debit or credit. If the amount is greater than zero a value of '1' would be assigned and would be considered a 'credit'. If the amount is less than zero a value of '0' would be assigned and would be considered a 'debit'.	OTCnet Bank Deposit OTCnet E-Check Deposit ECP
TaxBkdwnDta	FclSvcTaxClsCd	The subclass within a class of tax transactions, as defined by the Fiscal Service. List of possible values is identified in the EDA schema.	OTCnet Bank Deposit OTCnet E-Check Deposit ECP
TaxBkdwnDta	FclSvcTaxSubClsCd	The classification of a tax transaction, as defined by the Fiscal Service. List of possible values is identified in the EDA schema.	OTCnet Bank Deposit OTCnet E-Check Deposit ECP

5.01 Element	5.0.1 Attribute	Standard definition	Additional Collection System Information
TaxBkdwnDta	NAICS_Cd	The code that the North American Industry Classification System (NAICS) uses to classify business establishments for the purpose of collecting, analyzing, and publishing statistical data on the U.S. economy.	OTCnet Bank Deposit OTCnet E-Check Deposit ECP
TaxBkdwnDta	RptSbprgNm	The name of a subprogram or component of a reporting program.	Currently not used
TaxBkdwnDta	SttlMchsmCd	The mechanism by which a financial institution settles a transaction.	OTCnet Bank Deposit OTCnet E-Check Deposit ECP
TaxBkdwnDta	TaxBusCnt	The total count of tax business items associated with a Tax Breakdown.	OTCnet Bank Deposit OTCnet E-Check Deposit ECP
TaxBkdwnDta	TaxPayerTypCd	The type of entity remitting or receiving a tax payment. List of possible values is identified in the EDA schema.	OTCnet Bank Deposit OTCnet E-Check Deposit ECP
TaxBkdwnDta	TaxSubTypCd	The single alpha-numeric character defined by the IRS that reflects a reason for the tax payment.	OTCnet Bank Deposit OTCnet E-Check Deposit ECP
TaxBkdwnDta	TaxTypCd	The four-digit code defined by the IRS that corresponds to an IRS form number.	OTCnet Bank Deposit OTCnet E-Check Deposit ECP
Tot	InfoOnlyTxnCnt	Calculated total of the number of non-accountable transactions on the extract file to be used as a control total.	
Tot	SumryTotInd	An indicator that denotes whether the totals reported in the Tot element are calculated from detail transactions or calculated from the summary level. A value of '0' denotes that the totals are calculated from the detail transactions, and a value of '1' denotes that the totals are calculated from the summary level.	
Tot	TotCnt	Calculated total of the number of transactions on the extract file to be used as a control total.	
Tot	TotCrAmt	Calculated total of all accountable credit amounts on the extract file to be used as a control total.	

5.01 Element	5.0.1 Attribute	Standard definition	Additional Collection System Information
Tot	TotCrCnt	Calculated total of the number of accountable credit transactions on the extract file to be used as a control total.	
Tot	TotDbtAmt	Calculated total of all accountable debit amounts on the extract file to be used as a control total.	
Tot	TotDbtCnt	Calculated total of the number of accountable debit transactions on the extract file to be used as a control total.	
UDF	CUI_Ind	Indicator that the User Data Content contains privacy data.	
UDF	ID	The identifier for the User Data provided to CIR by the sending channel application.	ECP: UDD Field Number OTCnet: UDD Field Number Pay.gov: Sequential number
UDF	Lab	The label provided by the agency to the channel that describes what is contained in the UserDataContent. For example: "Claim Number" or "Name".	
UDF		Free format unstructured agency-specific data. This data is wrapped within "CDATA" tags so that any characters can be included.	
Vchr	AgcyCmtTxt	The comments an agency associates with processing.	Pay.gov: Application Name OTCnet: Agency Comments Pay.gov/PayPal: 'PayPal'
Vchr	AgtCmtTxt	The comments that an agent or depositary associates with processing.	OTCnet Bank Deposit: Financial Agent comments Navy Cash: Ship Name
Vchr	ChnlInitnDt	The date that the public or an agency (on behalf of a public remitter or as a remitter itself) initiates or sends a transaction to an agent or depositary.	
Vchr	ChnlRcptDt	The date that an agent or depositary receives a transaction.	
Vchr	CnfrmDt	The date that an agent or depositary electronically records or confirms a transaction.	
Vchr	CoinCrncyTotAmt	The total value of coins contained within a deposit.	OTCnet Bank deposit only.
Vchr	CrncyTotAmt	The total value of coin and paper currency contained within a deposit.	OTCnet Bank deposit only.
Vchr	ExcptTypCd	The type of change to a previously reported transaction. List of possible values is identified in the EDA schema. Formerly known as Corrective Type Code	

5.01 Element	5.0.1 Attribute	Standard definition	Additional Collection System Information
Vchr	FY	The fiscal year for which the transaction is reported/effective. Fiscal Year is a term that is used to differentiate a budget or financial year from the calendar year.	OTCnet Bank Deposit: Fiscal Year (YYYY)
Vchr	ID	The identifier for a voucher provided to CIR by the sending channel application.	
Vchr	NonDomCollInd	The indicator denoting whether the transaction associated with a collection is considered non domestic. A value of '1' indicates a non-domestic or foreign collection.	
Vchr	PartlInd	The indicator denoting whether the details associated represent a partial summarization. A value of '1' indicates a partial Sumry. Valid for Detail Only and Summary and Detail Only extracts.	
Vchr	RcptFromDt	The starting date of one or more collections summarized into a voucher.	OTCnet Bank Deposit
Vchr	RcptToDt	The ending date of one or more collections summarized into a voucher.	OTCnet Bank Deposit
Vchr	SmrzdDtlCnt	The total number of financial transactions represented by a voucher.	
Vchr	SvcdALC	The Agency Location Code (ALC) of the agency that receives services from another agency.	
Vchr	TaxBkdwnCnt	The total count of Tax Breakdown items. Valid for tax reporters only.	
Vchr	VchrDt	The date that a depositary or agent uses for Fiscal Service reconciliation, for example the deposit ticket date or the debit voucher date.	
Vchr	VchrFormCd	The type of voucher record. Values are 215, 215A, 215B, and 5515. The value of 5515 indicates a debit, and the remaining values indicate a credit. List of possible values is identified in the EDA schema.	
Vchr	VchrHndlgCd	The code that denotes how the voucher information should be handled in downstream reporting. List of possible values is identified in the EDA schema.	Currently not used.
Vchr	VchrNr	The six digit number that helps identify an agency's deposit summary.	

8. Tips/Hints for Creating and Processing XML Extracts

8.1 Recommendations when Creating XML Extract Definitions

XML Extract files are designed to be used as Manual Downloads to the user's local workstation or system-to-system (S2S) files where the file is received automatically and processed by a receiving system. When initially setting up an extract it may be useful for a user to define a small sample file in order to become more familiar with the XML file format. Users can then download the file to their personal computer using the CIR application (specifically the "View Files" function). In order to view the extract file the file size must be less than 50 megabytes which corresponds to approximately 36,000 detail transactions.

The following are suggestions for creating smaller test files:

- Select only one ALC
- If there is a large quantity of data for the ALC – add secondary selection criteria for example, ABA, or CAN.
- When defining selection criteria, it is important to remember that CIR is limited to the data supplied by the STPs. All STPs provide ALC, ABA and CAN but other selection criteria, for example, AgcySiteID and Cshflw Nm and Cshflw ID, are only provided by some STPs. See the attribute definition in Section 7.9 for information on what information is provided by different STPs.
- Select only one File Profile or Reporting System.
- Select an Extract Type of Summary. This will limit the data provided to voucher level information. Once the user is familiar with this data, then the user can define an extract with the ultimate desired Extract Type if that is different, for example Summary and Detail.
- Select an Extract Frequency of Daily. This will ensure that an extract file is produced each day for viewing. As described in Section 5.1, once the extract definition is completed an extract will be created around 3:00 AM each day for the previous business date.

The following are suggestions for defining production files:

- Try minimizing or eliminating some or all selection criteria in order to get all of your data in one extract file. If this can be done without exceeding the 50 megabyte (MB) limitation, then additional maintenance to merge smaller extracts into one database or file for further processing on your end might be avoided.

8.2 Special Characters

There are five characters that are part of the XML Schema declaration and so cannot be used within any attributes. There are two mechanisms for sending special characters. The first is the replacement of the special character with a preset equivalent:

Character	Description	Replacement
&	Ampersand	&
<	Less than	<
>	Greater than	>
"	Double quote	"
'	Apostrophe	'

For example a CshFlwNm containing "parking & bldg. space rent" would be sent as follows:

CshFlwNm="GSA Ft Worth - parking & bldg space rent"

The second is the CDATA mechanism which was designed to let an author quote fragments of text containing restricted characters (ampersand, LT, GT, etc.). For example, this method is used extensively when documenting XML. A CDATA Section turns off markup recognition for the duration of the section (it gets turned on again only by the closing sequence of double end-square-brackets and a close-angle-bracket).

Consequently, nothing in a CDATA section is ever recognized as anything to do with markup: it's just a string of opaque characters, and if you use an XML transformation language like XSLT, any markup characters in it will get turned into their character entity equivalents.

Example using a CDATA section:

<MssgDtaElmt ID="149252600000032" SeqNr="3" FwireTagCd="5100" ElmtNm="ORIGINATOR-FI-ADDRESS-LINE1" CUI_Ind="0" UnstrdDtaInd="0"><![CDATA[1 LIBERTY & MAIN STREET]]></MssgDtaElmt>

The CDATA mechanism cannot be used when the XML has defined the field as an attribute. CIR uses the first replacement method within an attribute and the CDATA mechanism for any other containers. Standard COTS XML Readers will automatically normalize either of these mechanisms as part of processing an XML file.

9. Customer Service

If an agency has questions about the CIR specification the agency should first contact the CIR Call Center. The CIR Call Center is available between 7:00 AM - 9:00 PM Eastern Time, Monday through Friday except Federal Reserve Bank holidays. The CIR Call Center can be reached at 1-800-346-5465 or within the Washington, DC metropolitan area and internationally at 301-887-6600. The CIR Call Center can also be reached by email at CIR@pnc.com.

10. Appendix A: FedWire Tag Names

The following table lists the static names that will be found in the FwireDtl/MssgDtaElmt FwireTagCd and the FwireDtl/MssgDtaElmt ElmtNm. The column titled 'Tag Name' is for references purposes only.

Table 13: FedWire Tag Names and Message Data Element Names

Tag Code	Tag Name	Data Element Name
1100	MSG-DISPOSITION	
		FORMAT-VERSION
		TEST-PRODUCTION-CODE
		MSG-DUPLICATION-CODE
		MSG-STATUS-IND
1110	ACCEPTANCE-TIMESTAMP	
		ACCEPTANCE-DATE
		ACCEPTANCE-TIME
		ACCEPTANCE-APPL-ID
1120	OMAD	
		OUTPUT-CYCLE-DATE
		OUTPUT-DESTINATION-ID
		OUTPUT-SEQUENCE-NUMBER
		OUTPUT-DATE
		OUTPUT-TIME
		OUTPUT-FRB-APPL-ID
1130	ERROR-FIELD	
		ERROR-CATEGORY
		ERROR-CODE
		ERROR-DESCRIPTION
1500	SENDER-SUPPLIED-INFO	
		FORMAT-VERSION
		URC-DATA
		TEST-PROD-CODE
		MSG-DUPLICATION-CODE
		FILLER
1510	TYPE-SUBTYPE	
		TYPE-CODE
		SUBTYPE-CODE
1520	IMAD	
		INPUT-CYCLE-DATE
		INPUT-SOURCE
		INPUT-SEQUENCE-NUMBER
2000	AMOUNT	
		AMOUNT
3000	ADJUSTMENT	
		ADJUSTMENT-DATE
		ADJUSTMENT-REASON
3100	SENDER-DI	
		SENDER-DI-NUMBER
		SENDER-SHORT-NAME
3320	SENDER-REFERENCE	
		SENDER-REFERENCE
3400	RECEIVER-DI	
		RECEIVER-DI-NUMBER

Tag Code	Tag Name	Data Element Name
		RECEIVER-SHORT-NAME
3500	PREVIOUS-MSG-IMAD	
		PREV-INPUT-CYCLE-DATE
		PREV-INPUT-SOURCE-ID
		PREV-INPUT-SEQ-NBR
3600	BUSINESS-FUNCTION	
		BUSINESS-FUNCTION-CODE
		TRAN-TYPE-CODE
3610	LOCAL-INSTRUMENT	
		LOCAL-INSTRUMENT-CODE
3700	CHARGES	
		CHARGE-CODE
		CURRENCY-CODE1
		SENDERS-CHARGES1
		CURRENCY-CODE2
		SENDERS-CHARGES2
		CURRENCY-CODE3
		SENDERS-CHARGES3
		CURRENCY-CODE4
		SENDERS-CHARGES4
3710	INSTRUCTED-AMOUNT	
		CURRENCY-CODE
		INSTRUCTED-AMOUNT
3720	EXCHANGE-RATE	
		EXCHANGE-RATE
4000	INTERMEDIARY-FI	
		INTERMEDIARY-FI-ID-CODE
		INTERMEDIARY-FI-IDENTIFIER
		INTERMEDIARY-FI-NAME
		INTERMEDIARY-FI-ADDRESS-LINE1
		INTERMEDIARY-FI-ADDRESS-LINE2
		INTERMEDIARY-FI-ADDRESS-LINE3
4100	BENEFICIARY-FI	
		BENEFICIARY-FI-ID-CODE
		BENEFICIARY-FI-IDENTIFIER
		BENEFICIARY-FI-NAME
		BENEFICIARY-FI-ADDRESS-LINE1
		BENEFICIARY-FI-ADDRESS-LINE2
		BENEFICIARY-FI-ADDRESS-LINE3
4200	BENEFICIARY	
		BENEFICIARY-ID-CODE
		BENEFICIARY-IDENTIFIER
		BENEFICIARY-NAME
		BENEFICIARY-ADDRESS-LINE1
		BENEFICIARY-ADDRESS-LINE2
		BENEFICIARY-ADDRESS-LINE3
4320	REF-FOR-BNF	
		BENEFICIARY-REF
4400	ACCOUNT-DEBITED-IN-DRAWDOWN	
		DRW-DEBIT-ACCT-ID-CODE
		DRW-DEBIT-ACCT-IDENTIFIER
		DRW-DEBIT-ACCT-NAME

Tag Code	Tag Name	Data Element Name
		DRW-DEBIT-ACCT-ADDRESS-LINE1
		DRW-DEBIT-ACCT-ADDRESS-LINE2
		DRW-DEBIT-ACCT-ADDRESS-LINE3
5000	ORIGINATOR	
		ORIGINATOR-ID-CODE
		ORIGINATOR-IDENTIFIER
		ORIGINATOR-NAME
		ORIGINATOR-ADDRESS-LINE1
		ORIGINATOR-ADDRESS-LINE2
		ORIGINATOR-ADDRESS-LINE3
5100	ORIGINATOR-FI	
		ORIGINATOR-FI-ID-CODE
		ORIGINATOR-FI-IDENTIFIER
		ORIGINATOR-FI-NAME
		ORIGINATOR-FI-ADDRESS-LINE1
		ORIGINATOR-FI-ADDRESS-LINE2
		ORIGINATOR-FI-ADDRESS-LINE3
5200	INSTRUCTING-FI	
		INSTRUCTING-FI-ID-CODE
		INSTRUCTING-FI-IDENTIFIER
		INSTRUCTING-FI-NAME
		INSTRUCTING-FI-ADDRESS-LINE1
		INSTRUCTING-FI-ADDRESS-LINE2
		INSTRUCTING-FI-ADDRESS-LINE3
5400	ACCOUNT-CREDITED-IN-DRAWDOWN	
		DRW-CREDIT-ACCT-NR
6000	ORIGINATOR-TO-BENEFICIARY-INFO	
		ORIGINATOR-TO-BENEFICIARY-LINE1
		ORIGINATOR-TO-BENEFICIARY-LINE2
		ORIGINATOR-TO-BENEFICIARY-LINE3
		ORIGINATOR-TO-BENEFICIARY-LINE4
6100	RECEIVER-FI-INFO	
		RECEIVER-FI-INFO-LINE1
		RECEIVER-FI-INFO-LINE2
		RECEIVER-FI-INFO-LINE3
		RECEIVER-FI-INFO-LINE4
		RECEIVER-FI-INFO-LINE5
		RECEIVER-FI-INFO-LINE6
6110	DRW-DEBIT-ACCT-ADVICE-INFO	
		DRW-DEBIT-ACCT-ADVICE-CODE
		DRW-DEBIT-ACCT-INFO-LINE1
		DRW-DEBIT-ACCT-INFO-LINE2
		DRW-DEBIT-ACCT-INFO-LINE3
		DRW-DEBIT-ACCT-INFO-LINE4
		DRW-DEBIT-ACCT-INFO-LINE5
		DRW-DEBIT-ACCT-INFO-LINE6
6200	INTERMEDIARY-FI	
		INTERMEDIARY-FI-INFO-LINE1
		INTERMEDIARY-FI-INFO-LINE2
		INTERMEDIARY-FI-INFO-LINE3
		INTERMEDIARY-FI-INFO-LINE4
		INTERMEDIARY-FI-INFO-LINE5

Tag Code	Tag Name	Data Element Name
		INTERMEDIARY-FI-INFO-LINE6
6210	INTERMEDIARY-FI-ADVICE-INFO	
		INTERMEDIARY-FI-ADVICE-INFO-CODE
		INTERMEDIARY-FI-ADVICE-INFO-LINE1
		INTERMEDIARY-FI-ADVICE-INFO-LINE2
		INTERMEDIARY-FI-ADVICE-INFO-LINE3
		INTERMEDIARY-FI-ADVICE-INFO-LINE4
		INTERMEDIARY-FI-ADVICE-INFO-LINE5
		INTERMEDIARY-FI-ADVICE-INFO-LINE6
6300	BENEFICIARY-FI-INFO	
		BENEFICIARY-FI-INFO-LINE1
		BENEFICIARY-FI-INFO-LINE2
		BENEFICIARY-FI-INFO-LINE3
		BENEFICIARY-FI-INFO-LINE4
		BENEFICIARY-FI-INFO-LINE5
		BENEFICIARY-FI-INFO-LINE6
6310	BENEFICIARY-FI-ADVICE-INFO	
		BENEFICIARY-FI-ADVICE-CODE
		BENEFICIARY-FI-ADVICE-INFO-LINE1
		BENEFICIARY-FI-ADVICE-INFO-LINE2
		BENEFICIARY-FI-ADVICE-INFO-LINE3
		BENEFICIARY-FI-ADVICE-INFO-LINE4
		BENEFICIARY-FI-ADVICE-INFO-LINE5
		BENEFICIARY-FI-ADVICE-INFO-LINE6
6400	BENEFICIARY-INFO	
		BENEFICIARY-INFO-LINE1
		BENEFICIARY-INFO-LINE2
		BENEFICIARY-INFO-LINE3
		BENEFICIARY-INFO-LINE4
		BENEFICIARY-INFO-LINE5
		BENEFICIARY-INFO-LINE6
6410	BENEFICIARY-ADVICE-INFO	
		BENEFICIARY-ADVICE-CODE
		BENEFICIARY-ADVICE-INFO-LINE1
		BENEFICIARY-ADVICE-INFO-LINE2
		BENEFICIARY-ADVICE-INFO-LINE3
		BENEFICIARY-ADVICE-INFO-LINE4
		BENEFICIARY-ADVICE-INFO-LINE5
		BENEFICIARY-ADVICE-INFO-LINE6
6420	BENEFICIARY-METHOD-OF-PAYMENT	
		METHOD-OF-PAYMENT-CODE
		METHOD-OF-PAYMENT-INFO-LINE
6430	PAYMENT-LIMIT	
		PAYMENT-LIMIT
6500	FI-TO-FI-INFO	
		FI-TO-FI-FREE-TEXT-LINE1
		FI-TO-FI-FREE-TEXT-LINE2
		FI-TO-FI-FREE-TEXT-LINE3
		FI-TO-FI-FREE-TEXT-LINE4
		FI-TO-FI-FREE-TEXT-LINE5

Tag Code	Tag Name	Data Element Name
		FI-TO-FI-FREE-TEXT-LINE6
8200	UNSTRUCTURED-ADDENDA-INFORMATION	
		ADDENDA-LENGTH
		ADDENDA-INFORMATION
9000	FREE-FORMATTED-TEXT	
		FREE-TEXT-INFO-LINE1
		FREE-TEXT-INFO-LINE2
		FREE-TEXT-INFO-LINE3
		FREE-TEXT-INFO-LINE4
		FREE-TEXT-INFO-LINE5
		FREE-TEXT-INFO-LINE6
		FREE-TEXT-INFO-LINE7
		FREE-TEXT-INFO-LINE8
		FREE-TEXT-INFO-LINE9
		FREE-TEXT-INFO-LINE10
		FREE-TEXT-INFO-LINE11
		FREE-TEXT-INFO-LINE12

11. Appendix B: ACH Reason Codes

The ACH Reason Codes provided below are used for exception reporting. This information is provided in this document because it is not documented in the XML Schema.

The information in the following table was obtained from the ACH Rules Book.

Table 14: NACHA Reason Codes and Descriptions

Reason Code	Description	Usage
R01	Insufficient Funds	Returns
R02	Account Closed	Returns
R03	No Account/Unable to Locate Account	Returns
R04	Invalid Account Number	Returns
R05	Unauthorized Debit to Consumer Account using Corporate SEC Code (Adjustment Entries)	Returns
R06	Returned per Originating Depository Financial Institution's Request	Returns
R07	Authorization Revoked by Customer	Returns
R08	Payment Stopped	Returns
R09	Uncollected Funds	Returns
R10	Customer Advises not Authorized, Notice Not Provided, Improper Source Document, etc.	Returns
R11	Check Truncation Entry Return	Returns
R12	Account Sold to Another DFI	Returns
R13	Invalid ACH Routing Number	Returns
R14	Representative Payee (account holder) Deceased or Unable to Continue in that Capacity	Returns
R15	Beneficiary or Account Holder (other than a representative payee) Deceased	Returns
R16	Account Frozen	Returns
R17	File Record Edit Criteria	Returns
R18	Improper Effective Entry Date	Returns
R19	Amount Field Error	Returns
R20	Non-transaction Account	Returns
R21	Invalid Company Identification	Returns
R22	Invalid Individual I.D. Number	Returns
R23	Credit Entry Refused by Receiver	Returns
R24	Duplicate Entry	Returns
R25	Addenda Error	Returns
R26	Mandatory Field Error	Returns
R27	Trace Number Error	Returns
R28	Routing Number Check Digit Error	Returns
R29	Corporate Customer Advises not Authorized (CCD)	Returns
R30	RDFI not Participant in Check Truncation Program	Returns
R31	Permissible return entry (CCD)	Returns
R32	RDFI Non-Settlement	Returns
R33	Return of XCK Entry	Returns
R34	Limited Participation D.F.I.	Returns
R35	Return of Improper Debit Entry	Returns
R36	Return of Improper Credit Entry	Returns
R37	Source Document Presented for Payment (adjustment entries) (ARC.)	Returns
R38	Stop Payment on Source Document (adjustment entries)	Returns

Reason Code	Description	Usage
R39	Improper Source Document	Returns
R40	Non Participant in ENR Program	Returns
R41	Invalid Transaction Code (ENR only)	Returns
R42	Routing Number/Check Digit Error (ENR only)	Returns
R43	Invalid DFI Account Number (ENR only)	Returns
R44	Invalid Individual I.D. Number (ENR only)	Returns
R45	Invalid Individual Name (ENR only)	Returns
R46	Invalid Representative Payee Indicator (ENR only)	Returns
R47	Duplicate Enrollment (ENR only)	Returns
R50	State Law Prohibits Truncated Checks	Returns
R51	Item is Ineligible, Notice Not Provided, Signature Not Genuine, Item Altered, Amount of Entry …	Returns
R52	Stop Pay on Item	Returns
R53	Item and A.C.H. Entry Presented for Payment	Returns
R61	Misrouted Return	Automated Dishonored Returns
R67	Duplicate Return	Automated Dishonored Returns
R68	Untimely Return	Automated Dishonored Returns
R69	Field Errors	Automated Dishonored Returns
R70	Permissible Return Entry Not Accepted	Automated Dishonored Returns
R71	Misrouted Dishonored Return	Automated Contested Dishonored Returns
R72	Untimely Dishonored Return	Automated Contested Dishonored Returns
R73	Timely Original Return	Automated Contested Dishonored Returns
R74	Corrected Return	Automated Contested Dishonored Returns
R75	Original Return not a Duplicate	Automated Contested Dishonored Returns
R76	No Errors Found	Automated Contested Dishonored Returns
R80	Cross-Border Payment Coding Error	Cross Border Payments
R81	Non-Participant in Cross-Border Program	Cross Border Payments
R82	Invalid Foreign Receiving DFI Identification	Cross Border Payments
R83	Foreign Receiving DFI Unable to Settle	Cross Border Payments
R84	Entry Not Processed by OGO	Cross Border Payments
C01	Incorrect DFI Account Number	Notification of Change
C02	Incorrect Routing Number	Notification of Change
C03	Incorrect Routing Number and Incorrect DFI Account Number	Notification of Change
C04	Incorrect Individual Name / Receiving Company Name	Notification of Change
C05	Incorrect Transaction Code	Notification of Change
C06	Incorrect DFI Account Number and Incorrect Transaction Code	Notification of Change
C07	Incorrect Routing Number, Incorrect DFI Account Number, and Incorrect Transaction Code	Notification of Change
C08	Incorrect Foreign Receiving DFI Identification	Notification of Change
C09	Incorrect Individual Identification Number	Notification of Change
C13	Addenda Format Error	Notification of Change
C61	Misrouted Notification of Change	Refused Notification of Change
C62	Incorrect Trace Number	Refused Notification of Change
C63	Incorrect Company Identification Number	Refused Notification of Change

Reason Code	Description	Usage
C64	Incorrect Individual Identification Number / Identification Number	Refused Notification of Change
C65	Incorrectly Formatted Corrected Data	Refused Notification of Change
C66	Incorrect Discretionary Data	Refused Notification of Change
C67	Routing Number Not From Original Entry Detail Record	Refused Notification of Change
C68	DFI Account Number Not From Original Entry Detail Record	Refused Notification of Change
C69	Incorrect Transaction Code	Refused Notification of Change

12. Appendix C: Sample Files

Shown below is a sample file for a Summary Only Extract Type. The purpose of this example is to familiarize users of this document with the basic XML structure. Additional larger example files can be found on the CIR web site.


```
<?xml version="1.0" encoding="ISO-8859-1"?>
<CollRpt xsi:schemaLocation="urn:us:gov:treasury CollectionsReport_x.xsd" xmlns="urn:us:gov:treasury"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" ID="1498133" EOD_Ind="0" IptSysTxt="CIR" SeqNr="1" TrnsmTs="2014-10-
22T15:03:34">
<!—Card Acquiring Service -->
        <Sumry ID="149143300000085" ALC="99999999" ChnID="Chain Identifier" DivID="Division Identifier" AgtRTN="042000314"
BnkPostDt="2014-10-09" CAN="999999" CollBusDt="2014-10-09" CollStatCd="Settled" ComlBnkInd="1" CrInd="1" IptSysTxt="CAS"
IRS_TaxInd="0" RptPgmNm="Card Acquiring Service">
                <Vchr ID="149143300000085" PartlInd="0" VchrFormCd="215" VchrDt="2014-10-08" VchrNr="146995" SmrzdDtlCnt="2"
AgcyCmtTxt="Agency Comment Text – Chain/Division value">
                        <AcctCls CrInd="1" Amt="312.28">
                                <Ckey CkeyNm="Merchant ID" CkeyVal="Merchant ID Value"/>
                        </AcctCls>
                </Vchr>
                <Tot SumryTotInd="1" TotCrAmt="312.28" TotCrCnt="0" TotDbtAmt="0" TotCnt="0"/>
        </Sumry>
<!-- Pay.gov Credit Card -->
<Sumry ID="149144900000072" ALC="99999999" ChnID="Chain Identifier" DivID="Division Identifier" AgtRTN="042000314" BnkPostDt="2014-
10-09" ChnlTypCd="Internet" CAN="999999" CollBusDt="2014-10-09" CollStatCd="Settled" ComlBnkInd="1" CrInd="1" IptSysTxt="PAYGOV"
IRS_TaxInd="0" RptPgmNm="Pay.gov" SttlMchsmCd="Card" RcptMchsmCd="Card">
                <Vchr ID="149144900000072" PartlInd="0" VchrFormCd="215" VchrDt="2014-10-08" VchrNr="400140" SmrzdDtlCnt="3"
AgcyCmtTxt="Agency Comment Text – Chain/Division value">
                        <AcctCls CrInd="1" Amt="1140.96">
                                <Ckey CkeyNm="Pay.gov ALC+2" CkeyVal="ALC + 2 value"/>
                        </AcctCls>
                </Vchr>
                <Tot SumryTotInd="1" TotCrAmt="1140.96" TotCrCnt="0" TotDbtAmt="0" TotCnt="0"/>
        </Sumry>
<!— Pay.gov ACH -->
```

```
<Sumry ID="149250100000003" ALC="99999999" AgtRTN="041036046" BnkPostDt="2014-10-09" ChnlTypCd="Internet" CAN="999999"
CollBusDt="2014-10-09" CollStatCd="Settled" ComlBnkInd="0" CrInd="0" IptSysTxt="PAYGOV" IRS_TaxInd="0" RptPgmNm="Pay.gov"
SttlMchsmCd="ACH" RcptMchsmCd="ACH">
		<Vchr ID="149250100000003" PartlInd="0" VchrFormCd="5515" VchrDt="2014-10-09" VchrNr="005742" SmrzdDtlCnt="1"
AgcyCmtTxt="Agency Comment Text">
			<AcctCls CrInd="0" Amt="68">
				<Ckey CkeyNm="Pay.gov ALC+2" CkeyVal="ALC + 2 value"/>
			</AcctCls>
		</Vchr>
		<Tot SumryTotInd="1" TotCrAmt="0" TotDbtAmt="68" TotDbtCnt="0" TotCnt="0"/>
	</Sumry>
<!—Credit Gateway ACH Debit Voucher -- >
<Sumry ID="149144500000081" ALC="99999999" AgtRTN="051036706" BnkPostDt="2014-10-09" CshFlwID="Cash Flow Identifier"
CshFlwNm="Cash Flow Name" CAN="999999" CollBusDt="2014-10-09" CollStatCd="Settled" ComlBnkInd="0" CrInd="0" IptSysTxt="CGACH"
IRS_TaxInd="0" RptPgmNm="Credit Gateway" RptSbprgNm="ACH">
		<Vchr ID="149144500000081" PartlInd="0" VchrFormCd="5515" VchrDt="2014-10-09" VchrNr="090081" SmrzdDtlCnt="53">
			<AcctCls CrInd="0" Amt="6178.72">
				<Ckey CkeyNm="CG ACH" CkeyVal="Gateway Account"/>
			</AcctCls>
		</Vchr>
		<Tot SumryTotInd="1" TotCrAmt="0" TotDbtAmt="6178.72" TotDbtCnt="0" TotCnt="0"/>
	</Sumry>
<!—OTCnet E-Check – with multiple classifications -->
<Sumry ID="149143500000294" ALC="00003801" AgtRTN="041036033" BnkPostDt="2014-10-09" ChnlTypCd="OTC" CAN="999999"
CollBusDt="2014-10-09" CollStatCd="Settled" ComlBnkInd="0" CrInd="1" IptSysTxt="OTCNET-CHK" IRS_TaxInd="0" RptPgmNm="OTCnet"
RptSbprgNm="E-Check Deposit" RcptMchsmCd="Check Image">
		<Vchr ID="149143500000294" PartlInd="0" VchrFormCd="215" VchrDt="2014-10-09" VchrNr="000228" SmrzdDtlCnt="3"
AgcyCmtTxt="F.O. Tinker  Finance Office Tinker">
			<AcctCls CrInd="1" Amt="284.18">
				<Ckey CkeyNm="Agency Accounting Code" CkeyVal="57143500"/>
			</AcctCls>
			<AcctCls CrInd="1" Amt="920">
				<Ckey CkeyNm="Agency Accounting Code" CkeyVal="97X5189"/>
			</AcctCls>
```

```
                </Vchr>
                <Tot SumryTotInd="1" TotCrAmt="1204.18" TotCrCnt="0" TotDbtAmt="0" TotCnt="0"/>
        </Sumry>
<!— OTCnet Bank Deposit (Commercial, Multiple Classifications) -->
<Sumry ID="149203300000233" ALC="99999999" AgcySiteID="Concatenated Org Level values" AgtRTN="051400549" BnkPostDt="2014-10-08"
ChnlTypCd="OTC" CAN="006082" CollBusDt="2014-10-09" CollStatCd="Settled" ComlBnkInd="1" CrInd="1" IptSysTxt="OTCNET-TGA"
IRS_TaxInd="0" RptPgmNm="OTCnet" RptSbprgNm="Bank Deposit" ProcgPgmNm="TGA Network" ProcgSbprgNm="TGA Network"
SttlMchsmCd="Cash/Und Check" RcptMchsmCd="Cash/Und Check">
                <Vchr ID="149203300000233" PartlInd="0" VchrFormCd="215" VchrDt="2014-10-08" VchrNr="631777" SmrzdDtlCnt="0"
AgcyCmtTxt="A1C Mercedes D. Wilcox 49FSS/FSVF 575.572.5859">
                        <AcctCls CrInd="1" Amt="401.43">
                                <Ckey CkeyNm="Agency Accounting Code" CkeyVal="57143500"/>
                        </AcctCls>
                        <AcctCls CrInd="1" Amt="56.92">
                                <Ckey CkeyNm="Agency Accounting Code" CkeyVal="57143400"/>
                        </AcctCls>
                        <OrgLvl ID="1" IntOrgCd="Org Level 1 Value"/>
                        <OrgLvl ID="2" IntOrgCd="Org Level 2 Value"/>
                        <OrgLvl ID="3" IntOrgCd="Org Level 3 Value"/>
                        <OrgLvl ID="4" IntOrgCd="Org Level 4 Value"/>
                        <OrgLvl ID="5" IntOrgCd="Org Level 5 Value"/>
                        <OrgLvl ID="6" IntOrgCd="Org Level 6 Value"/>
                        <OrgLvl ID="7" IntOrgCd="Org Level 7 Value"/>
                </Vchr>
                <Tot SumryTotInd="1" TotCrAmt="458.35" TotCrCnt="0" TotDbtAmt="0" TotCnt="0"/>
        </Sumry>
<!— Credit Gateway Fedwire -->
<Sumry ID="149252600000001" ALC="99999999" AgtRTN="021030004" BnkPostDt="2014-10-09" CshFlwID="Cash Flow Identifier – Gateway
Account" CshFlwNm="Cash Flow Name" CAN="999999" CollBusDt="2014-10-09" CollStatCd="Settled" ComlBnkInd="0" CrInd="1"
IptSysTxt="CGFEDWIRE" IRS_TaxInd="0" RptPgmNm="Credit Gateway" RptSbprgNm="Fedwire">
                <Vchr ID="149252600000001" PartlInd="0" VchrFormCd="215" VchrDt="2014-10-09" VchrNr="590002" SmrzdDtlCnt="4">
                        <AcctCls CrInd="1" Amt="69595032.71">
                                <Ckey CkeyNm="CG FEDWIRE" CkeyVal="Gateway Account"/>
                        </AcctCls>
```

```
            </Vchr>
            <Tot SumryTotInd="1" TotCrAmt="69595032.71" TotCrCnt="0" TotDbtAmt="0" TotCnt="0"/>
        </Sumry>
        <Tot SumryTotInd="1" TotCrAmt="69598148.48" TotCrCnt="5" TotDbtAmt="6246.72" TotDbtCnt="2" TotCnt="66"/>
</CollRpt>
```