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**Financial Management Service**  
**Financial Transaction Implementation Guide**

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# 1 Introduction

## 1.1 Overview

The purpose of this document is to describe how to implement Financial Management Service's (FMS) Financial Transaction Implementation using W3C XML Schemas. This document is intended for data architects, requirements analysts, project managers and software developers of financial management systems that interface with the operation of Financial Management Service.

This Implementation Guide is divided into the following four sections:

**Section 1: Document Conventions** – This is an introduction on how to view the diagrams and models that are described in this document.

**Section 2: XML Implementation** – This section covers the different models used within the Financial Transaction Standard in order for the audience to understand the composition of the models, mandatory and optional elements, cardinality, attributes and specific implementation details for the elements.

**Section 3: Financial Transaction Payment Medium Examples** – The purpose of this section is to cover examples of each payment medium used for financial transactions. This supports developers who may need to implement one type of financial transaction.

**Section 4: Examples** – This section describes unique examples that developers may need to implement that may not be intuitive from the previous sections. This section is also intended to clarify specific cases from developer comments and situations.

## 1.2 Content Model Diagrams

A content model is a description of the structure and contents of an element. All content model diagrams in this document have been generated with Altova XML Spy. This description of the content model is adapted from XML Spy's user documentation.

### Compositor

The compositor specifies either a sequential (*sequence*) or a disjunctive (*choice*) interpretation of the elements. This in turn determines whether the element's children must be in order or correspond to one choice of the specified options.

### Sequence

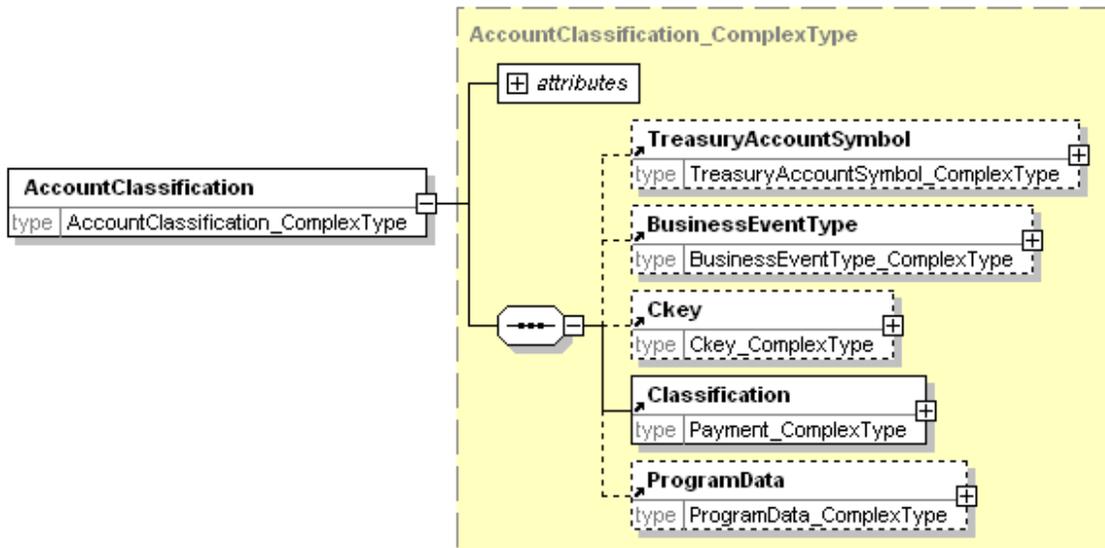


Figure 1-1: Sequence Composer

The sequence compositor is used when the elements must be specified in the order of the definition. In this case TreasuryAccountSymbol must be specified before BusinessEventType.

### Choice

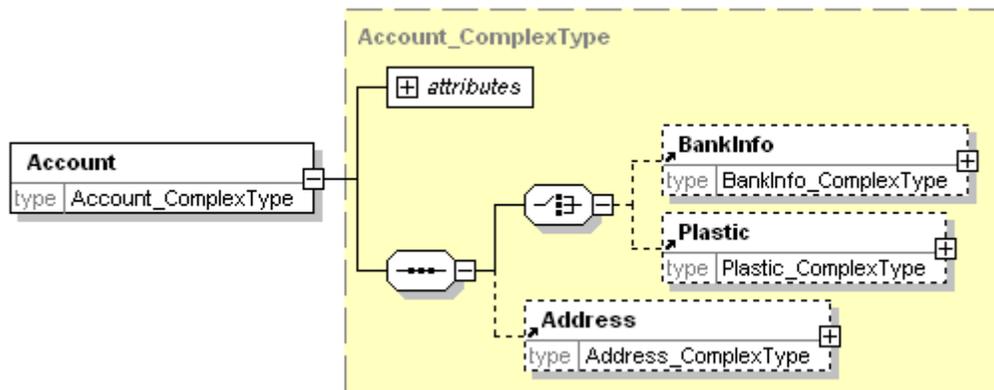


Figure 1-2: Choice Composer

The choice compositor is used when the disjunctive of the elements is used. In the Account example in figure 1-2 there can be either BankInfo or Plastic but not both.

### Mandatory Single Element

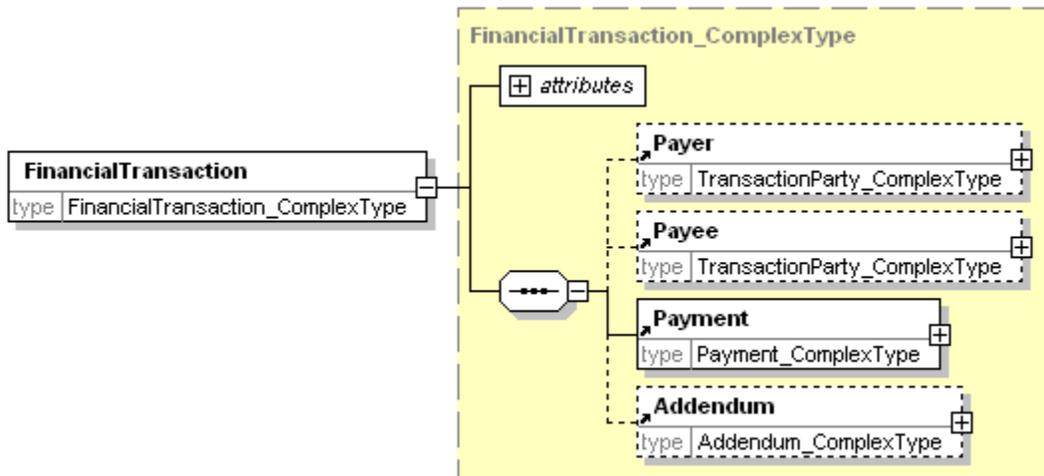


Figure 1-3: Mandatory Single Element

The solid border around the `Payment` element indicates that the element is required. The absence of a number range indicates a single element (i.e. `minOcc=1` and `maxOcc=1`).

### Single Optional Element

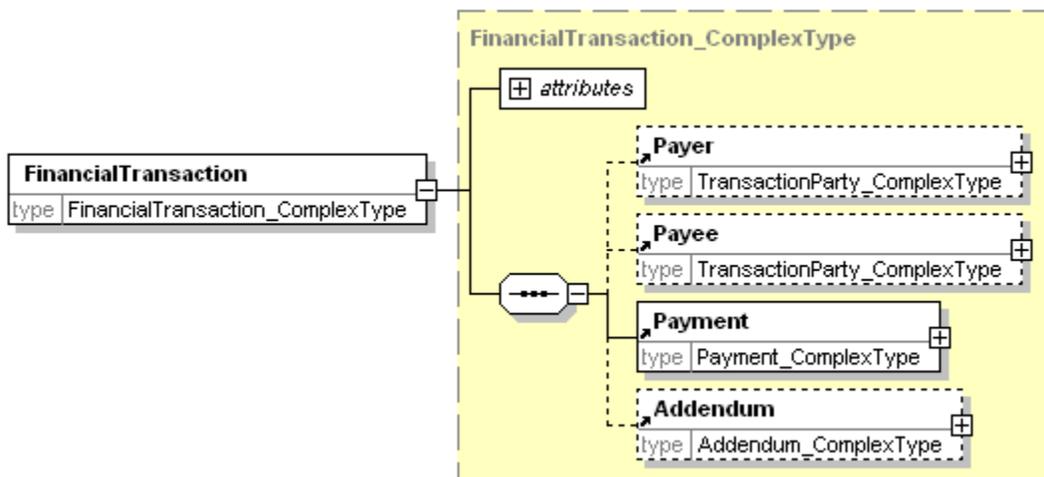


Figure 1-4: Single Optional Element

The dashed border means the element is optional. The absence of a number range indicates a single element (i.e. `minOcc=0` and `maxOcc=1`). An example of this is the element `Payer`.

### Mandatory Multiple Elements Containing Child Elements

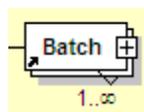


Figure 1-5: Mandatory Multiple Element Containing Child Elements

The rectangle indicates an element and the solid border indicates that the element is required. The number range `1..∞` means that `minOcc=1` and `maxOcc=unbounded`. The plus sign means complex content (i.e. at least one element or attribute child). The element name is `Batch`.

## Mandatory Attribute

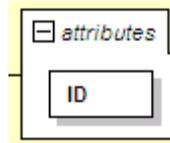


Figure 1-6: Attributes

Each attribute is shown in a rectangle with either a solid line which means it is required or a dotted line which means it is optional. The attribute name is ID.

## Optional Attribute



Figure 1-7: Attributes

This is an example of an optional attribute TotalCount.

## 2 XML Implementation

### 2.1 Model Overview

The heart of the Financial Transaction Standard is the `BusinessTransaction` element. This represents a single unit of work for example a \$200 student loan payment.

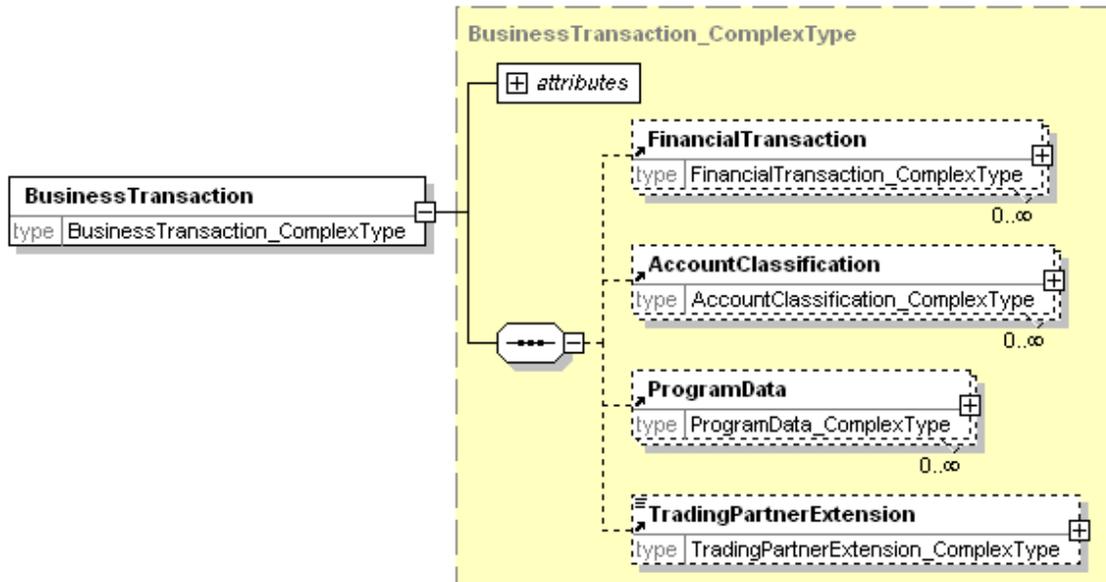


Figure 2-1: Business Transaction Standard Model

A Business Transaction can have multiple `FinancialTransaction` elements using different payment mediums. An example is an individual who may make a student loan payment with a check for \$110 and a plastic transaction of \$90.

Each Business Transaction element may also have multiple `AccountClassification` elements for storing federal accounting related information. The methods for categorizing accounting related information are stored in either Treasury Account Symbol – Business Event Type Codes (TAS-BETCs) or Classification Key Name and Values. An example of this is a student loan payment of \$200 that has \$30 categorized as interest and \$170 categorized as principle.

Business Transactions may also contain information that does not pertain to financial transactions or accounting categorization such a loan account number or an individual’s Social Security Number. This information should be specified between the customer interface system and the agency and is stored in `ProgramData`.

## 2.2 Transmission

The `Transmission` element is the root element of the Financial Transaction XML instance. This element consists of attributes to describe transmission files, and it is used as a container for `Batch` elements.

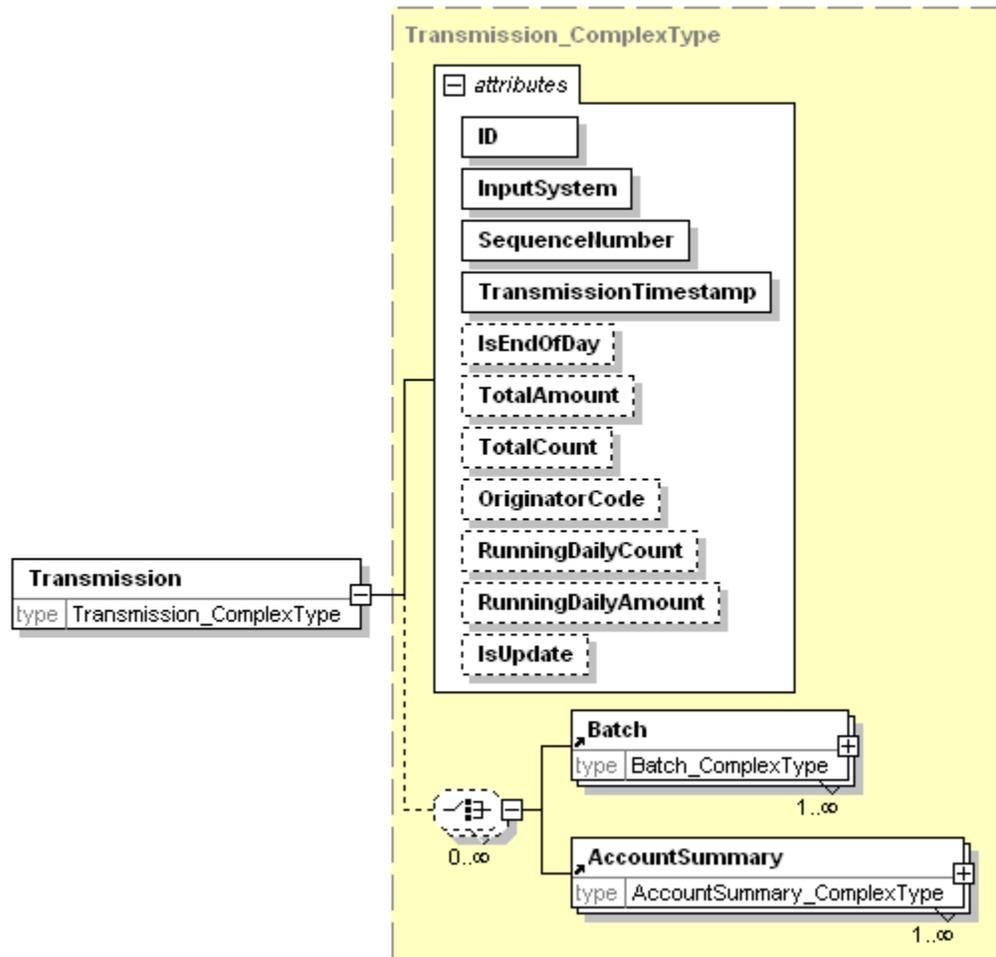


Figure 2-2: Transmission Model

### Transmission Header Example:

```
<?xml version="1.0" encoding="UTF-8"?>
<Transmission
  xsi:schemaLocation="urn:us:gov:treas:fms:BusinessTransaction:v3.0
CommonSchema.xsd"
  xmlns="urn:us:gov:treas:fms:BusinessTransaction:v3.0"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  InputSystem="EFTPS"
  RunningDailyAmount="1234.12"
  RunningDailyCount="1"
  ID="aaaa"
  OriginatorCode="aa"
```

```

IsEndOfDay="1"
TransmissionTimestamp="2001-12-17T09:30:47.0Z"
TotalCount="1"
IsUpdate="1"
SequenceNumber="0000"
TotalAmount="12345678912.12" />

```

## 2.3 Batch

The Batch element is a container for BusinessTransaction elements. The purpose of the Batch element is to allow the rest of the Transmission to be processed if there is an error in a single batch. It is also used to group Business Transactions for performance.

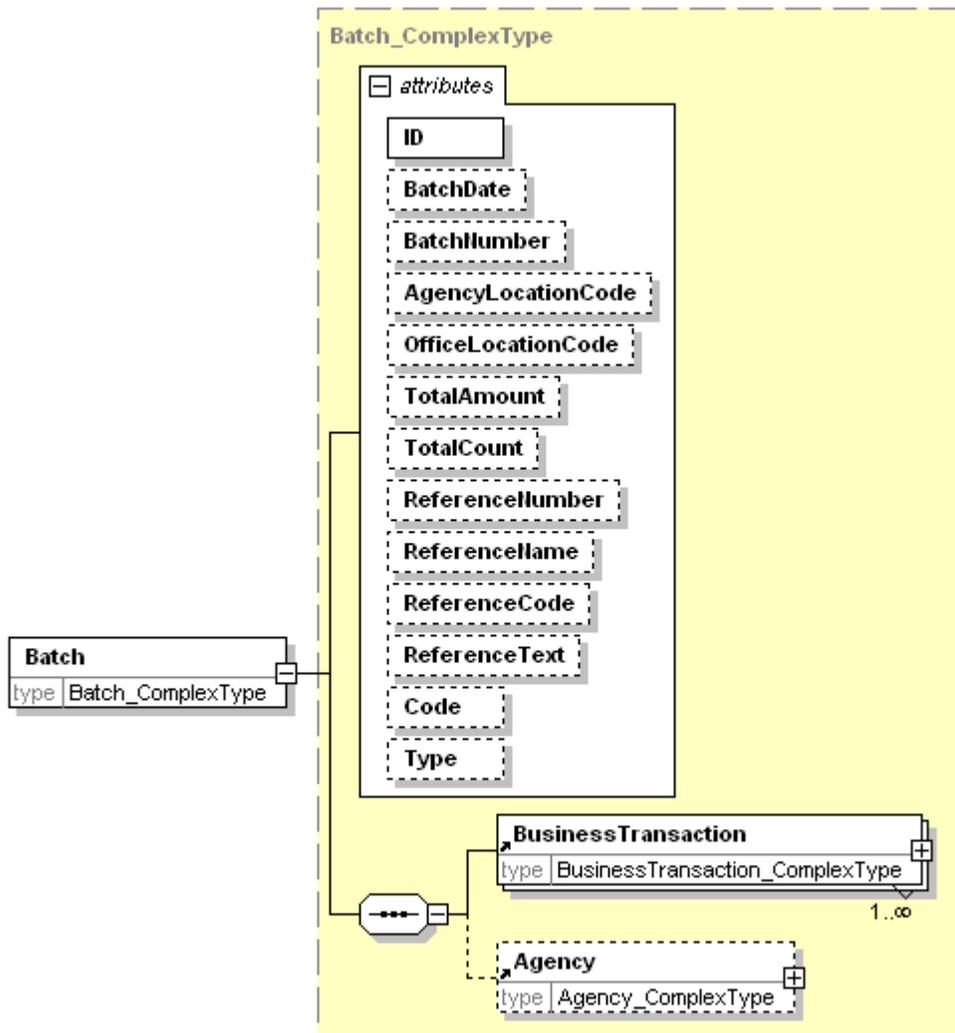


Figure 2-3: Batch Model

## **2.4 Account Summary**

The AccountSummary element contains information on debit vouchers or deposit tickets. This is part of the plan to phase out the Standard Form 215 and Standard Form 5515 by Federal Finance for summary deposits.

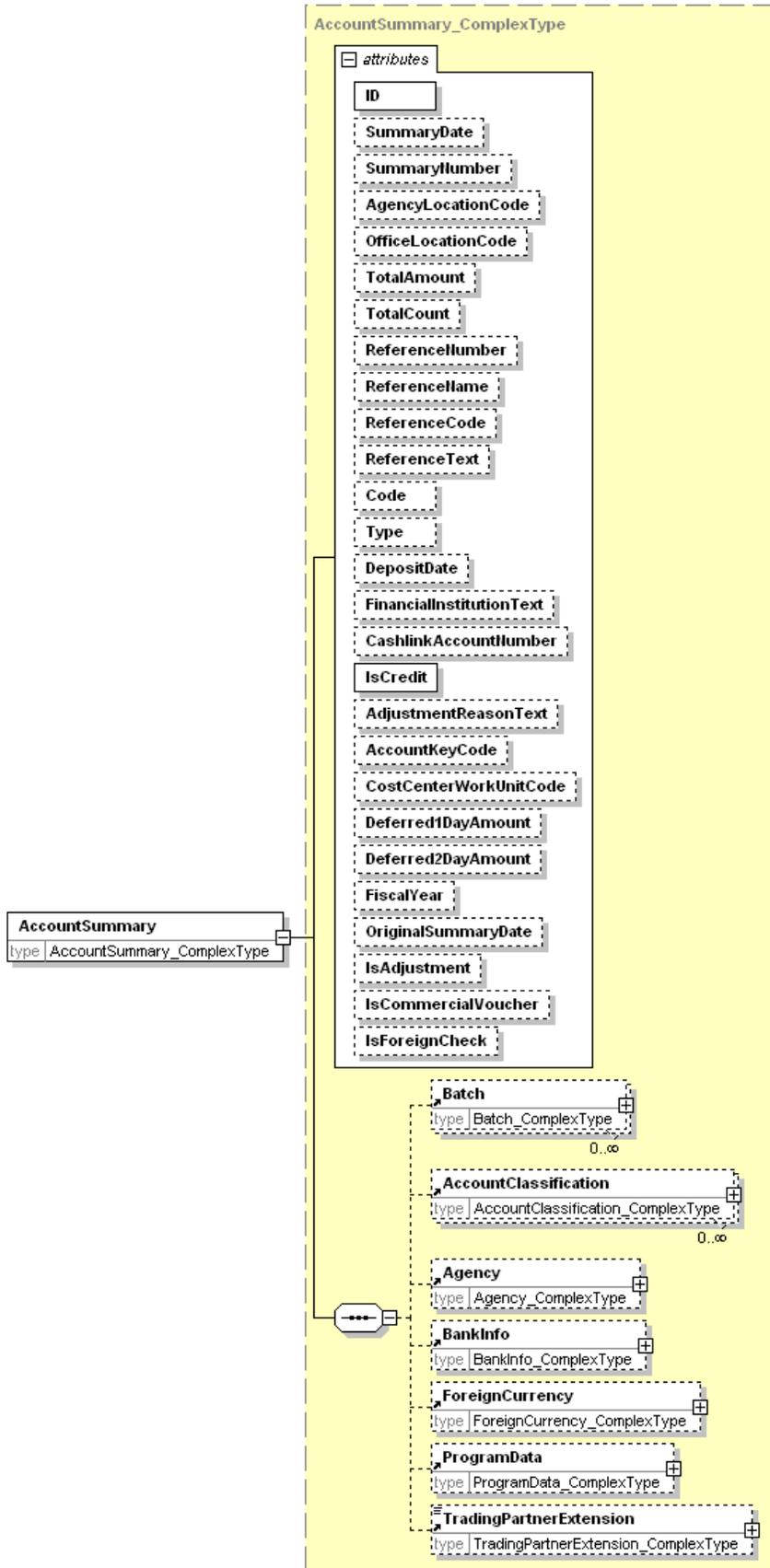


Figure 2-4: AccountSummary Model

An example mapping of the Standard Form 215 is as follows:

<b>SF 215 Element</b>	<b>Financial Transaction Schema Element</b>
(1) Deposit Number	SummaryNumber
(2) Date Presented or Mailed to Bank	SummaryDate
(3) 8-Digit or 4-Digit Agency Location Code (ALC)	AgencyLocationCode
(4) Amount	TotalAmount

An example mapping to Standard Form 5515 is as follows:

<b>SF 5515 Element</b>	<b>Financial Transaction Schema Element</b>
(1) Voucher Number	SummaryNumber
(2) Date of Debit to U.S. Treasury's Account	SummaryDate
(3) 8-Digit or 4-Digit Agency Location Code (ALC)	AgencyLocationCode
(4) Amount	TotalAmount

## **2.5 Business Transaction**

A Business Transaction represents a single unit of work that can contain many Financial Transactions, Account Classifications and Program Data.

Each BusinessTransaction element may contain many FinancialTransaction, AccountClassification and ProgramData elements within the BusinessTransaction element.

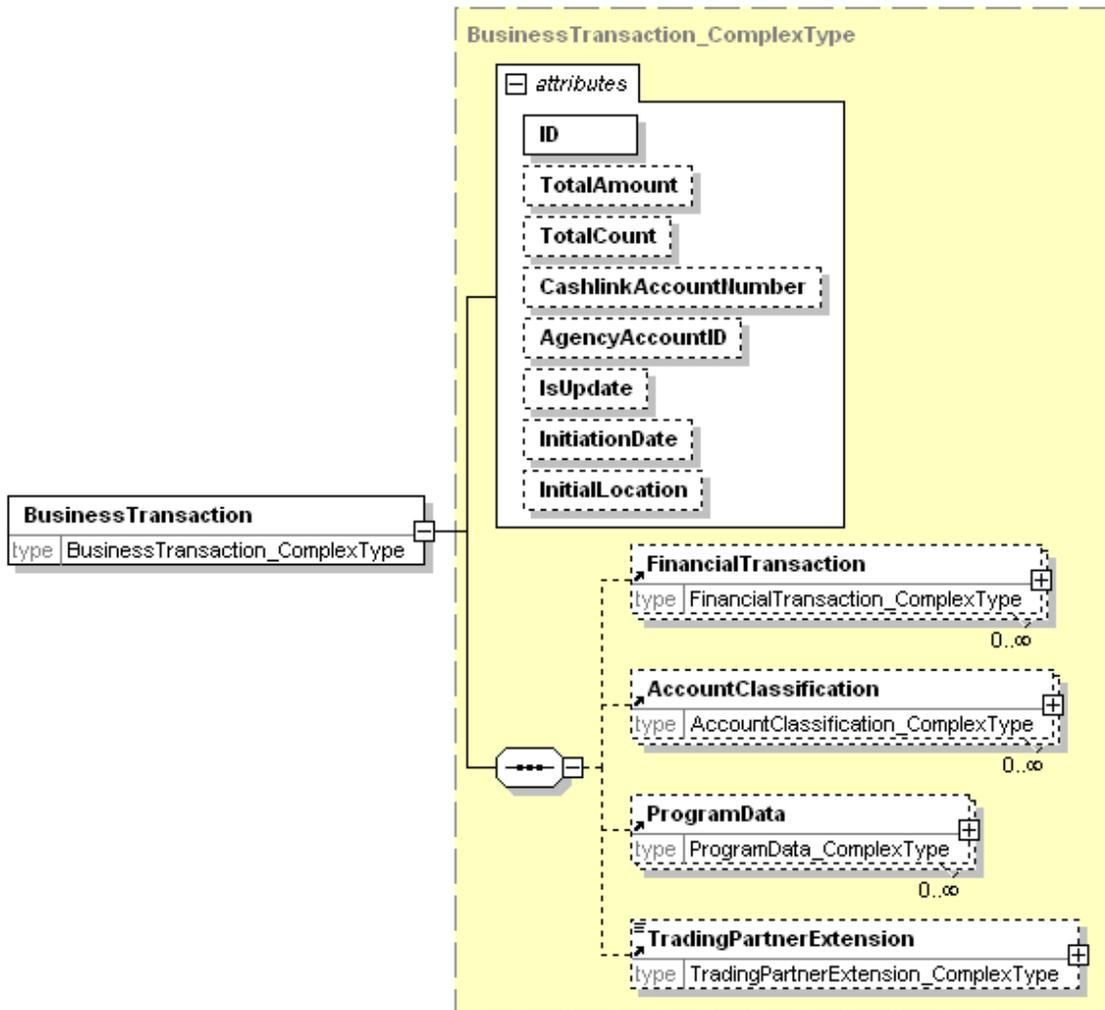


Figure 2-5: Business Transaction Model

## 2.6 Financial Transaction

The `FinancialTransaction` element is the model that the Business Transaction standard uses to represent a single financial transaction such as ACH, Cash, Check, Fedwire or Plastic.

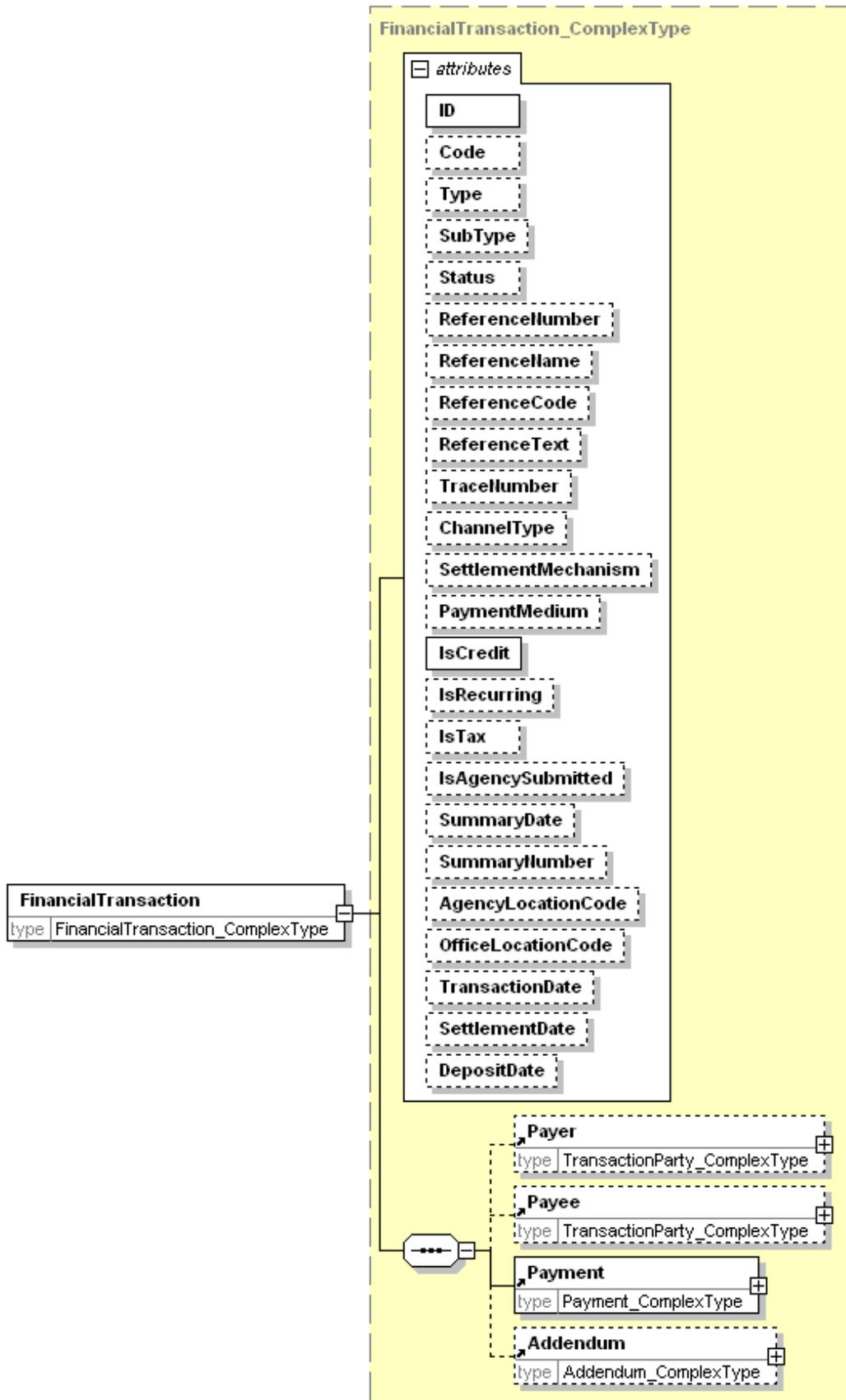


Figure 2-6: Financial Transaction Model

Each Financial Transaction must have a Payment. Payer and Payee are optional elements described in section 2.6.1. The Addendum is also an optional element used for ACH financial transactions.

## 2.6.1 Payer and Payee

The Payer element represents the individual, organization or agency that submits payment and the Payee element represents the individual, organization or agency that collects payment. Payer and Payee both use TransactionParty\_ComplexType to define their models. For federal collection systems; the Payee is always the Agency.

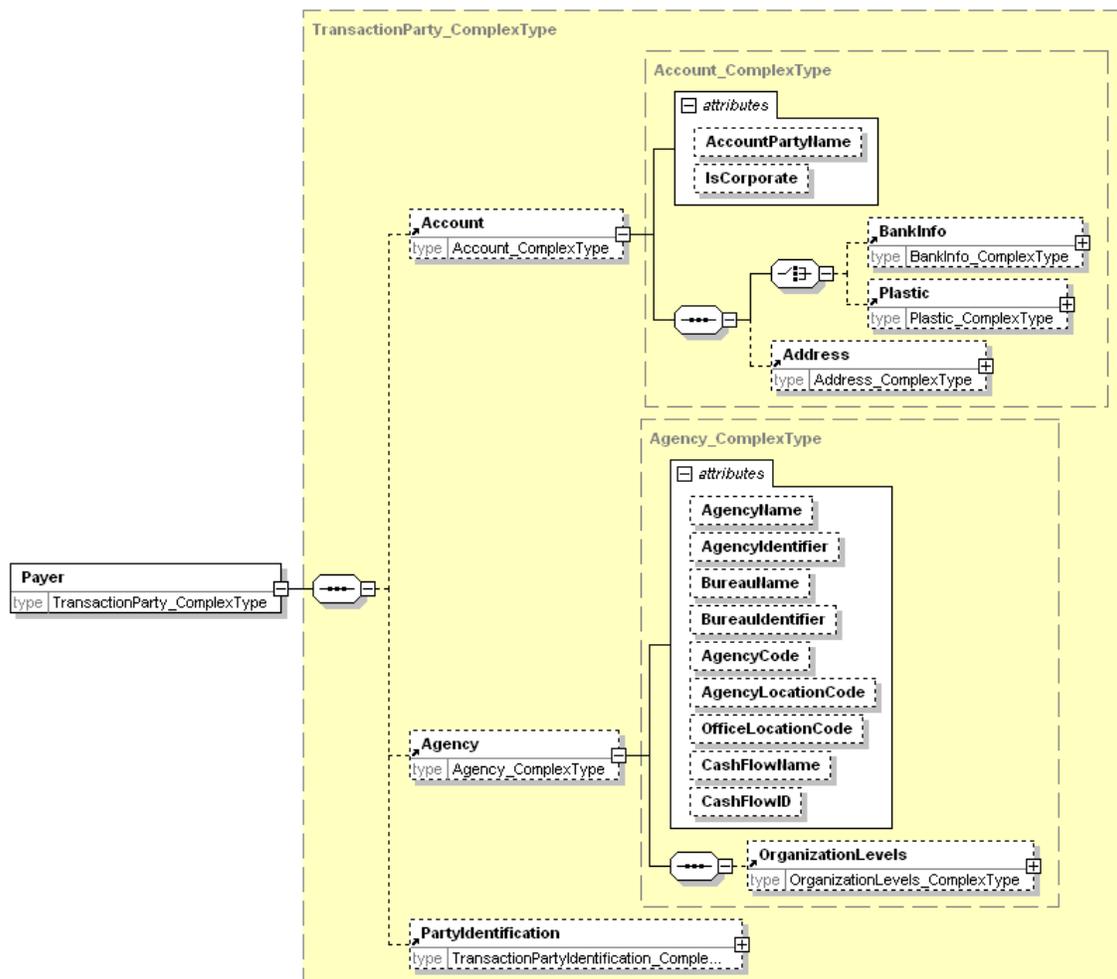


Figure 2-7: Payer and Payee Model

In a collection system the Payer element is always the customer who **pays** the government funds. This can be an individual or an organization which is identified in the Account element. The data for Account should always identify the person or organization that completes the Financial Transaction which could be different than the Business Transaction. If the person that pays is different than the person who owes the government funds, this should be contained in ProgramData. BankInfo and Plastic elements are defined in more detail in sections 2.6.2 and 2.6.3.

## 2.6.2 Bank Info

The `BankInfo` element is used to store information about a bank such as an ABA number. The element along with `Account` attributes and `Address` stores information about a check.

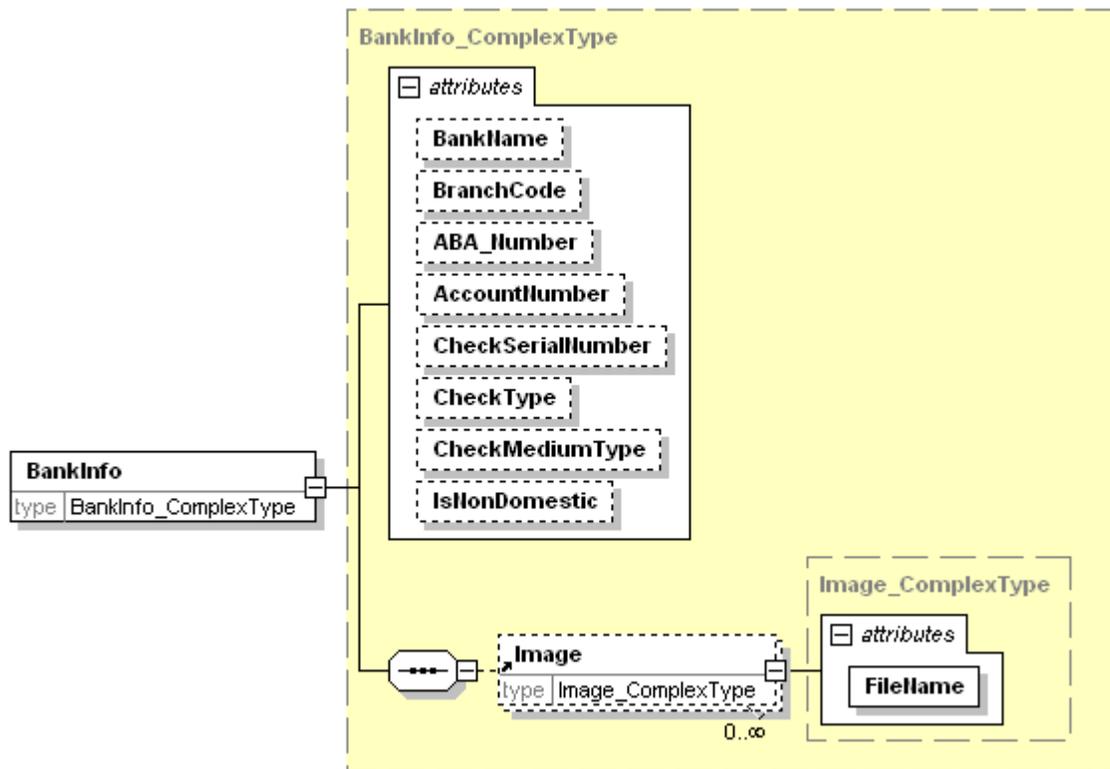


Figure 2-8: BankInfo Model

## 2.6.3 Plastic

The `Plastic` element is used to store detailed information about a credit card or a debit card. This element should only be used when the financial transaction payment medium is a plastic card transaction.

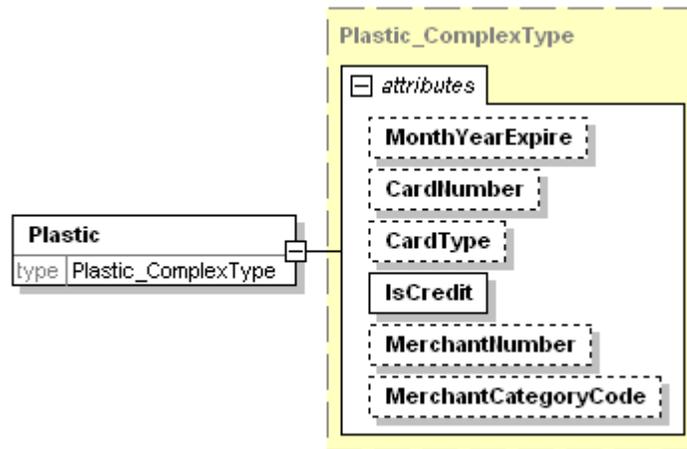


Figure 2-9: Plastic Model

### 2.6.4 Addendum

The Addendum data element is used for additional data of an ACH transaction. The Addendum element can contain many Addenda for the ACH Transaction.

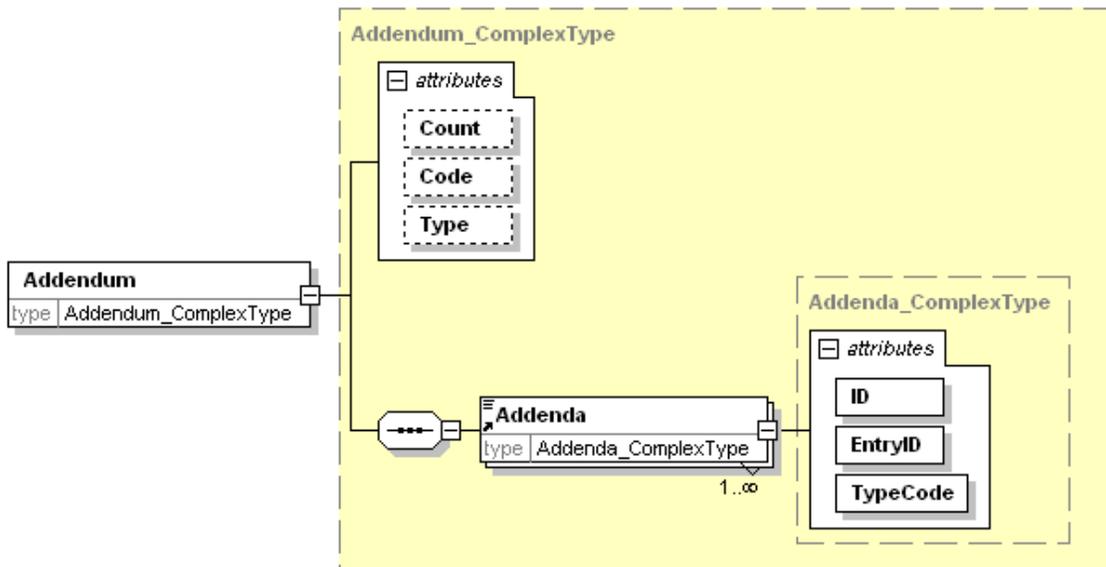
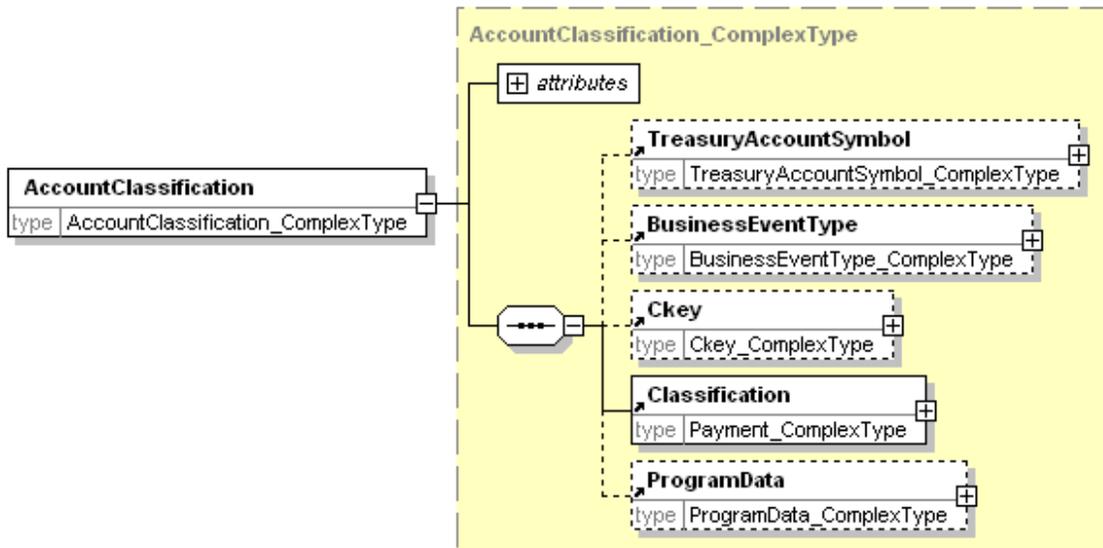


Figure 2-10: Addendum Model

## 2.7 Account Classification

The AccountClassification element is used to classify the Business Transaction's total amount into accounting categories for Government Wide Accounting and the US Standard General Ledger. GWA categorizes the amount either by the Treasury Account Symbol (TAS) or the Classification Key (Ckey) Name and Value pair. A Business Event Type Code (BETC) further defines a TAS. Each TAS-BETC or Ckey can have their own amounts associated with them.



**Figure 2-11: Accounting Classification Model**

The `TreasuryAccountSymbol` element is an identification code assigned by Treasury, in collaboration with OMB and the owner agency, to an individual appropriation, receipt, or other fund account. All financial transactions of the Federal government are classified by TAS for reporting to Treasury and OMB. The TAS consists of eight components that are represented in the schema by `TreasuryAccountSymbol`'s attributes.

The `Ckey` is a unique agency accounting code assigned to a transaction. Agencies will establish CKeys in SAM that will be used to derive the appropriate values of TAS-BETCs.

## 2.8 User Defined Data / Program Data

The `ProgramData` element is used to capture Agency data and user defined data that is not needed to process a Financial Transaction. This data is considered 'pass-through' data because Financial Management Service Systems do not store this information. This is based on the requirement that FMS is a single touch point for standard trading partners and Federal Program Agencies.

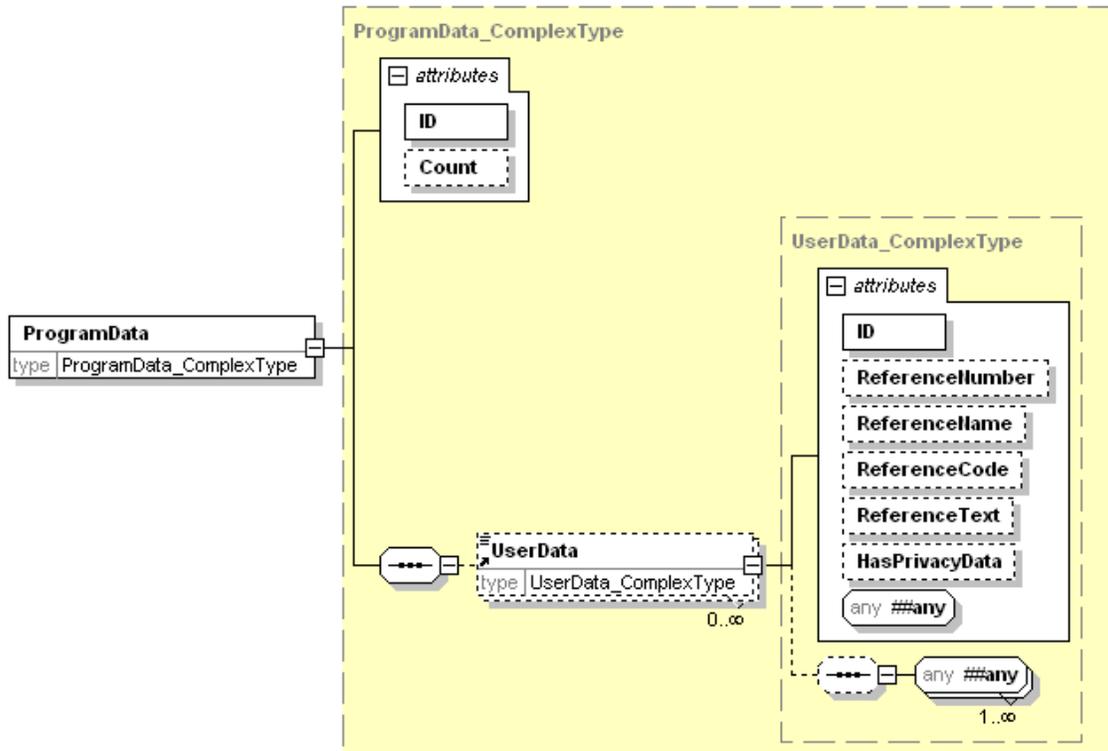


Figure 2-12: Program Data Model

## 2.9 Transmission Response Model

The Transmission Response XML format is a model designed to acknowledge the receipt of a financial transaction transmission. After receiving the file a system can respond with success, warning and errors.

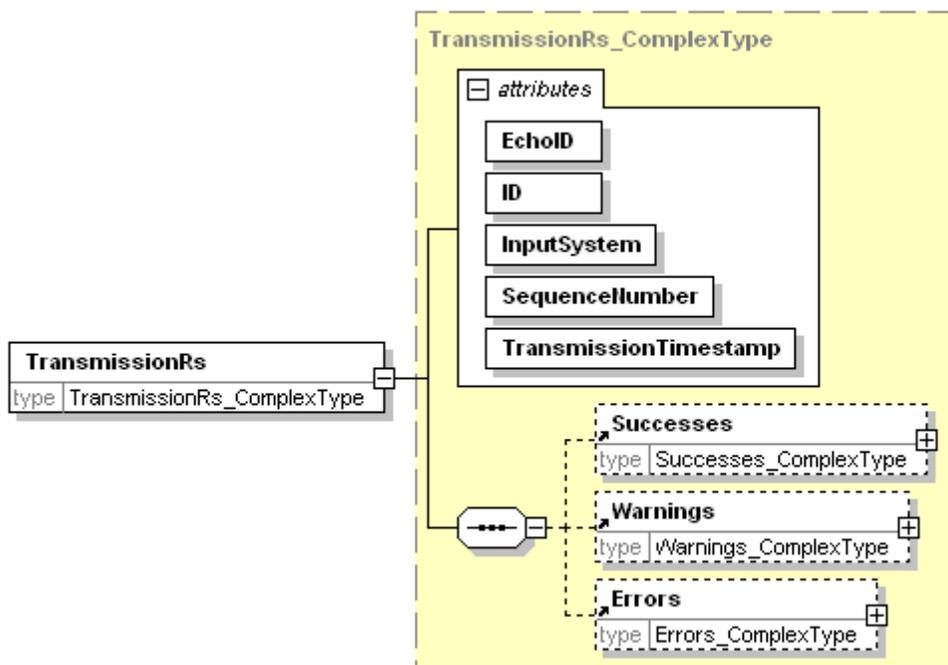


Figure 2-13: TransmissionRs Model

The root element is `TransmissionRs`. The attributes for `TransmissionRs` are `EchoID`, `ID`, `InputSystem`, `SequenceNumber` and `TimeStamp`. The attribute `EchoID` identifies the original unique identifier of the original transmission. The `InputSystem` attribute describes the initial sending partner. The `SequenceNumber` is the sequence number of the original transmission sent for that day, and the `TimeStamp` is the time stamp of the response transmission. The children for `TransmissionRs` are `Success`, `Warnings` and `Errors` which are all optional meaning it is possible to have a successful transmission with `Warnings` and `Errors`.

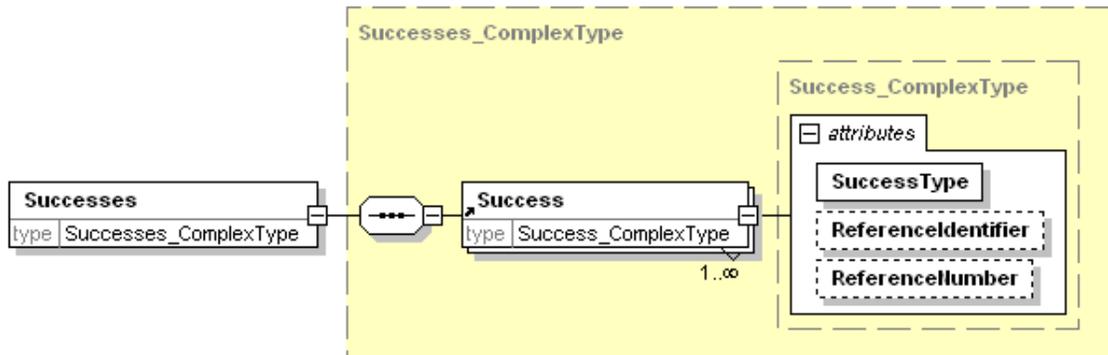


Figure 2-14: Success Model

The `Success` element has the attribute `SuccessType`. This should be set to either `Received` or `Validated`. `Received` means that the system has received the file but not validated to the schema. `Validated` means that the transmission was received and validated to the schema.

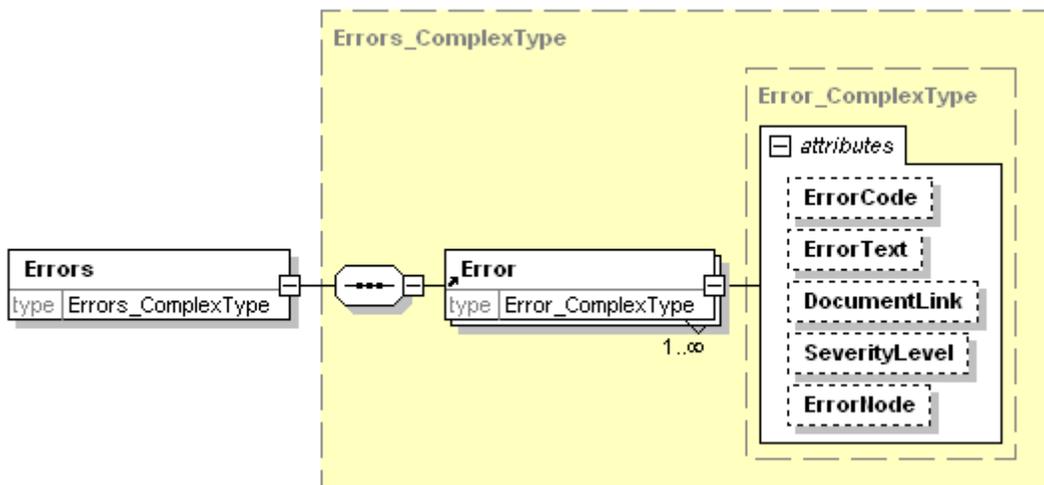


Figure 2-15: Error and Warning Model

A warning is defined as an issue in a `BusinessTransaction` that still allows for the `BusinessTransaction` to be processed. The warning is meant as instructional information for a systems administrator that may need to be looked into further. An `Error` message means that the `BusinessTransaction` was unable to be inserted into the database.

The `Errors` and `Warnings` elements contain the same attributes, and the difference between the uses of these elements is the severity of the issue. The attributes are `ErrorCode`, `ErrorText`, `DocumentLink`, `SeverityLevel`, and `ErrorNode`. `ErrorCode` is a

predetermined controlled vocabulary between the sending systems and `ErrorText` is a short description of the error or warning. The `DocumentLink` attribute should be set to a URI that resolves to a location with further information on the Error or Warning. `SeverityLevel` should be set to an integer 1 through 9 where 1 is highest level of severity and nine is the lowest.

For the attribute `ErrorCode`, this should be a XPATH string expression for the XML node that is identified by the Warning or Error. Examples include:

*/Transmission/Batch/BusinessTransaction/@TotalAmount*  
*Batch[5]/BusinessTransaction/FinancialTransaction[6]/@Status*

For a full description of XPath specification please see the W3C specification at:  
<http://www.w3.org/TR/xpath>.

## 3 Financial Transactions and Payment Medium Examples

### 3.1 Automated Clearing House (ACH)

The ACH Network is a highly reliable and efficient nationwide batch-oriented electronic funds transfer system governed by the NACHA operating rules which provide for the interbank clearing of electronic payments for participating depository financial institutions. The Federal Reserve and Electronic Payments Network act as ACH Operators, central clearing facilities through which financial institutions transmit or receive ACH entries. ([www.nacha.org](http://www.nacha.org))

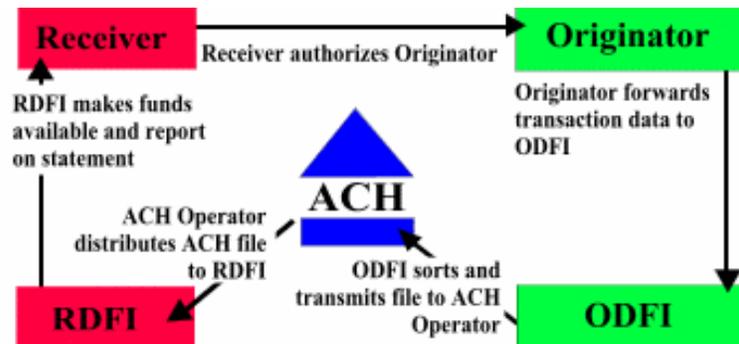


Figure 3-1: ACH Transaction ([www.nacha.org](http://www.nacha.org))

Figure 3-1 is a description of the ACH network from the NACHA Rules Handbook. The originator is the organization that initiates entries into the ACH Network. This can be an organization that offers direct payment to consumers that owe a recurring or one time consolidate. For government collections the Originator is always the Agency collecting funds. This equates to the `Payee` data element in the XML Schema.

The Originating Depository Financial Institution (ODFI) is the institution that has made an arrangement with an Originator to transmit entries into the ACH system on behalf of the Originator.

A Receiving Depository Financial Institution (RDFI) is a participating depository financial institution that receives entries directly or indirectly from its Automated Clearing House Operator for debit or credit to the accounts of its customers. For a collection system this is always the customer who makes a payment to the government. In the XML schema, this equates to the `Payer` data element

This XML example of an ACH transaction contains the following given information:

<b>NACHA Data Element</b>	<b>Value</b>
Record Type Code	DHDR
Transaction Code	4534
Receiving DFI Identification	01100020
Check Digit	1234
DFI Account Number	
Total Amount	8746.14
Identification Number	090909
Number of Addenda Records	2
Receiving Company Name/ID Number	DAVID JONES CO
Reserved	
Discretionary Data	8
Addenda Record Indicator	
Trace Number	22222
Record Type Code	
Addenda Type Code	1. 080 2. 999
Payment Related Information	1. \$3.16 interest for 20 days 2. Credit Memo Adjustment
Addenda Sequence Number	1. 489 2. 343
Entry Detail Sequence Number	1. 37487 2. 33345
ALC	01500000

XML fragment sample (only showing the FinancialTransaction element and child nodes):

```
<FinancialTransaction ID="1" IsCredit="0" Code="4534"
TraceNumber="22222">
  <Payer>
```

```

    <Account AccountPartyName="David Joe Comp">
      <BankInfo ABA_Number="110000000" AccountNumber="090909"
CheckSerialNumber="1234"/>
    </Account>
  </Payer>
  <Payee>
    <Agency AgencyLocationCode="01500000"/>
  </Payee>
  <Payment Amount="8746.14"/>
  <Addendum Count="2" Code="8">
    <Addenda ID="489" TypeCode="98" EntryID="37487">
      $3.16 interest for 20 Days
    </Addenda>
    <Addenda ID="343" TypeCode="99" EntryID="33345">
      Credit Memo Adjustment
    </Addenda>
  </Addendum>
</FinancialTransaction>

```

### 3.2 Check

Data Element	Value
Name	Jane Doe
Routing Number	255071981
Check Serial Number	12345
Account Number	111111
Date	2007-03-20
Amount	275.00
ALC	01500000

XML fragment sample (only showing the BusinessTransaction element and child nodes):

```

<BusinessTransaction ID="342134343">
  <FinancialTransaction ID="" IsCredit="0" SettlementDate="2007-03-20"
PaymentMedium="Check" TraceNumber="AL23C6S4HH1" ChannelType="POS-OTC">
    <Payer>
      <Account AccountPartyName="Jane Doe">
        <BankInfo ABA_Number="255071981" AccountNumber="111111"
CheckSerialNumber="12345"/>
      </Account>
    </Payer>
    <Payee>
      <Agency AgencyLocationCode="01500000"/>
    </Payee>
    <Payment Amount="275.00"/>
  </FinancialTransaction>
</BusinessTransaction>

```

### 3.3 Fedwire

The Fedwire Funds Service provides a real-time gross settlement system in which more than 9,500 participants initiate funds transfers that are immediate, final, and irrevocable when processed. Participants that maintain a reserve or clearing account with a Federal Reserve Bank may use Fedwire to send payments to, or receive payments from, other account holders directly. Participants use Fedwire to handle large-value, time-critical payments, such as payments for the settlement of interbank purchases and sales of federal funds; the purchase, sale, and financing of securities transactions; the disbursement or repayment of loans; and the settlement of real estate transactions.

Data Element	Value
1510	22/32 (Type/Subtype)
2000	300.00
3100	255071434
3320	7867
3400	Payee ABA
4200 (ALC)	01500000
6000	\$3.16 interest for 20 days
IMAD	1234
OMAD	4347

XML fragment sample (only showing the FinancialTransaction element and child nodes):

```
<FinancialTransaction ID="1234" IsCredit="0" ReferenceNumber="4347"
TraceNumber="7867">
  <Payer>
    <Account AccountPartyName="John Doe">
      <BankInfo ABA_Number="255071434"/>
    </Account>
  </Payer>
  <Payee>
    <Agency AgencyLocationCode="01500000"/>
  </Payee>
  <Payment Amount="300.00"/>
  <Addendum Count="1">
    <Addenda ID="1" EntryID="" TypeCode="98">
      $3.16 interest for 20 days
    </Addenda>
  </Addendum>
</FinancialTransaction>
```

### 3.4 Plastic

Data Element	Value
Name	John Doe
Phone	202-555-1234
Address	2000 14 <sup>th</sup> St SW Washington, DC 20010
Credit Card Number	0000000000000000
Security Code	000
Expiration Date (Month/Year)	03/05
Type Code	Visa
ALC	01500000
Total Amount	75.00

XML fragment sample (only showing the FinancialTransaction element and child nodes):

```

<FinancialTransaction ID="1" IsCredit="0">
  <Payer>
    <Account AccountPartyName="John Doe">
      <Plastic CardNumber="0000000000000000" MonthYearExpire="0305"
CardType="VI" IsCredit="1"/>
      <Address>
        <AddressLine>2000 14th St</AddressLine>
        <City>Washington</City>
        <State>DC</State>
      </Address>
    </Account>
  </Payer>
  <Payee>
    <Agency AgencyLocationCode="01500000"/>
  </Payee>
  <Payment Amount="75.00"/>
</FinancialTransaction>

```

### 3.5 Cash

Data Element	Value
Name	John Doe
ALC	01500000
Total Amount	75.00

XML fragment sample (only showing the FinancialTransaction element and child nodes):

```

<FinancialTransaction ID="1" IsCredit="1">
  <Payer>

```

```

    <Account AccountPartyName="John Doe" />
  </Payer>
  <Payee>
    <Agency AgencyLocationCode="01500000" />
  </Payee>
  <Payment Amount="75.00" />
</FinancialTransaction>

```

## 4 Examples

### 4.1 Multiple Financial Transactions

This is an example of the case where a Business Transaction is paid with two different payment mediums: Credit and ACH.

```

<BusinessTransaction ID="1">
  <FinancialTransaction ID="1" IsCredit="1">
    <Payer>
      <Account AccountPartyName="John Doe">
        <Plastic IsCredit="1" CardNumber="0000000000000000"
MonthYearExpire="0305" CardType="VI" />
      <Address>
        <AddressLine>2000 14th St</AddressLine>
        <City>Washington</City>
        <State>DC</State>
      </Address>
    </Account>
  </Payer>
  <Payee>
    <Agency AgencyLocationCode="01500000" />
  </Payee>
  <Payment Amount="75.00" />
</FinancialTransaction>
  <FinancialTransaction ID="2" IsCredit="1" SettlementDate="2007-03-20"
PaymentMedium="Check" TraceNumber="AL23C6S4HH1" ChannelType="POS-OTC">
    <Payer>
      <Account AccountPartyName="OHMS TEST">
        <BankInfo ABA_Number="255071981" AccountNumber="111111"
CheckSerialNumber="12345" />
      </Account>
    </Payer>
    <Payee>
      <Agency AgencyLocationCode="69001105" />
    </Payee>
    <Payment Amount="275.00" />
  </FinancialTransaction>
</BusinessTransaction>

```

### 4.2 Multiple TAS-BETC or Ckey Name-Value

A situation can occur where one financial payment is broken down into multiple TAS-BETCs. In this case, there should be one BusinessTransaction with one FinancialTransaction and two TAS-BETCs under BusinessTransaction. The following example shows John Doe making a cash transaction of \$75.00, where the payment is

categorized into multiple TAS numbers within the Department of Interior. (Taxes; Dividends and Other Interest).

```
<BusinessTransaction ID="1">
  <FinancialTransaction ID="1" IsCredit="0">
    <Payer>
      <Account AccountPartyName="John Doe"/>
    </Payer>
    <Payee>
      <Agency AgencyLocationCode="01500000"/>
    </Payee>
    <Payment Amount="75.00"/>
  </FinancialTransaction>
  <AccountClassification>
    <TreasuryAccountSymbol Sub-levelPrefixCode="00"
      AllocationTransferAgencyIdentifier="000"
      Sub-accountCode="000"
      AvailabilityTypeCode="X"
      AgencyIdentifier="000"
      EndingPeriodOfAvailability="0000"
      MainAccountCode="0000"/>
    <BusinessEventType BusinessEventTypeCode="COLLECT"/>
    <Classification Amount="25.00"/>
  </AccountClassification>
  <AccountClassification>
    <TreasuryAccountSymbol Sub-levelPrefixCode="00"
      BeginningPeriodOfAvailability="0000"
      AllocationTransferAgencyIdentifier="000"
      Sub-accountCode="000"
      AvailabilityTypeCode="X"
      AgencyIdentifier="000"
      EndingPeriodOfAvailability="0000"
      MainAccountCode="0000"/>
    <BusinessEventType BusinessEventTypeCode="COLLECT"/>
    <Classification Amount="50.00"/>
  </AccountClassification>
</BusinessTransaction>
```

### 4.3 Transmission Response Example

```
<?xml version="1.0" encoding="UTF-8"?>
<TransmissionRs InputSystem="EFTPS" EchoID="aa" ID="bb"
  TransmissionTimestamp="2001-12-17T09:30:47.0Z"
  SequenceNumber="0000"
  xsi:schemaLocation="urn:us:gov:treas:fms:BusinessTransaction:v3.0
TransmissionRs.xsd"
  xmlns="urn:us:gov:treas:fms:BusinessTransaction:v3.0"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <Successes>
    <Success SuccessType="Received"/>
  </Successes>
  <Warnings>
    <Warning ErrorText="This is sample warning text"
      ErrorCode="19"
      DocumentLink="http://www.fms.treas.gov/eda"
      ErrorNode="Transmission/Batch/@TotalAmount"
      SeverityLevel="1"/>
  </Warnings>
```

```
<Errors>
  <Error ErrorText="This is sample error text"
    ErrorCode="34"
    DocumentLink="http://www.fms.treas.gov/eda"
    ErrorNode="Transmission/Batch/@BatchNumber"
    SeverityLevel="1"/>
</Errors>
</TransmissionRs>
```

## 5 Appendix – Change Log

### Normative:

CommonSchema.xsd  
Common\_Groups.xsd  
Common\_SimpleTypes.xsd  
Non\_FMS\_Standards.xsd  
TransmissionRs.xsd

### Supporting documentation:

- UML representation of XML Schema assets
- Business Concept Diagram of FMS Standard XML Schemas
- Data Dictionary
- FMS Standard XML Schema Presentation
- Implementation Guide

### Deprecation Schedule:

- The concatenated-TAS datatype will be deprecated by 2010, only component-TAS will be accepted after then.

The following are to be deprecated in May 2009 release:

- Transmission/Batch/@AgencyLocationCode (replaced by Transmission/Batch/Agency/@AgencyLocationCode)
- Transmission/Batch/@OfficeLocationCode (replaced by Transmission/Batch/Agency/@OfficeLocationCode)
- Transmission/AccountSummary/@AgencyLocationCode (replaced by Transmission/AccountSummary/Agency/@AgencyLocationCode)
- Transmission/AccountSummary/@OfficeLocationCode (replaced by Transmission/AccountSummary/Agency/@OfficeLocationCode)
- //Payer/Account/@AccountPartyName (replaced by //Payer/PartyIdentification/PersonName/@FullName | //Payer/PartyIdentification/Organization/@OrganizationName)
- //Payee/Account/@AccountPartyName (replaced by //Payee/PartyIdentification/PersonName/@FullName | //Payee/PartyIdentification/Organization/@OrganizationName)
- //Agency/@CashFlowName (replaced by //Agency/CashFlow/@ReferenceName)
- //Agency/@CashFlowID (replaced by //Agency/CashFlow/@ReferenceIdentifier)

### Release 2.0 - 8 June 2007 Change Log

#### Instance Document Changes

- BankInfo/@CheckSerialNumber length increased
- BankInfo/@AccountNumber can now accept alpha characters
- FinancialTransaction/@SettlementMechanism domain values changed
- FinancialTransaction/@PaymentMedium domain values changed
- Transmission/@CollectionSystem name change to Transmission/@InputSystem and domain values changed
- FinancialTransaction/@Code domain values changed
- Namespace changed for all schema assets
- These two attributes: AccountClassification/@TotalAmount and AccountClassification/@TotalCount were removed - should not have been included in R1
- added Account/@PartyID\_Prefix (optional)
- added Account/@PartyID\_Suffix (optional)
- TreasuryAccountSymbol contains new set of TAS components as per the GWA/CGAC document
- added TreasuryAccountSymbol/@Sub-levelPrefix
- added TreasuryAccountSymbol/@AllocationTransferAgencyIdentifier
- added TreasuryAccountSymbol/@AgencyIdentifier
- added TreasuryAccountSymbol/@BeginningPeriodOfAvailability
- added TreasuryAccountSymbol/@EndingPeriodOfAvailability
- added TreasuryAccountSymbol/@AvailabilityIndicator
- added TreasuryAccountSymbol/@MainAccountCode
- added TreasuryAccountSymbol/@Sub-AccountCode

- modified the TreasuryAccountSymbol/@BusinessEventTypeCode to accept alpha characters and integers, up to 8 characters
- modified the TreasuryAccountSymbol\_SimpleType to validate the online concatenated examples at [http://www.fms.treas.gov/gwa/factsheet\\_tas.html](http://www.fms.treas.gov/gwa/factsheet_tas.html)

#### Schema Construct Changes

- created Address\_AttributeGroup to contain the NonDomestic\_AttributeGroup. Added Address\_AttributeGroup to Address\_ComplexType and removed the NonDomestic\_AttributeGroup
- removed the AccountClassification\_AttributeGroup from the AccountClassification\_ComplexType
- created Common\_Groups.xsd to contain all AttributeGroups
- removed all AttributeGroups from the Common\_SimpleTypes.xsd to contain only simpleType declarations
- replaced all regular expression patterns that contained "\d" with "[0-9]"

#### Release 2.1 - 31 Oct 2007 Change Log

- updated the Transmission/@InputSystem value for "PAY.GOV" to "PAYGOV" and added "TRS" as value
- updated the definition of the BusinessTransaction element
- removed the ID attribute from the Addendum element - this attribute was placed in error and never should have been associated with this element, since this element does not repeat.
- tested the universe of SAM TAS/BETC values and modified the TreasuryAccountSymbol\_SimpleType (backwards-compatible)
- relaxed constraint on Payer/Payee - optional for data optimization in Payment or Collection
- FinancialTransaction/@Status attribute enumerated addition for "Received"
- updated the TAS components according to the latest CGAC/GWA decision in the FSIO-CGAC v 1.0 document (ex. "Sub-levelPrefixCode", "AvailabilityTypeCode" and definitions)
- updated the Treasury Account Symbol (components), Agency Location Code, and Business Event Type Code definitions per the FSIO-CGAC v 1.0 document.
- corrected the definition of IsAgencySubmitted, Agency, AgencyLocationCode
- corrected misspellings and grammar errors in schema annotations
- introduced a new message - TransmissionRs - for message acknowledgement (errors/warnings)
- added the "COR" ACH Standard Entry Class code as a domain value to the StandardEntryClass\_SimpleType which is associated to the FinancialTransaction/@Code attribute
- added the "HasPrivacyData" attribute to the User Data element to capture whether this contains privacy data
- added another occurrence of an AddressLine within the Address element (GCD/ABA Address information)
- added the "00" option within the first two digits of a valid ABA and closed the pattern for an absolute 9-digit format.
- expanded the CheckAccountNumber simpleType to 22 digits
- expanded the CheckSerialNumber simpleType to 10 digits
- added annotation to each of the ISO4217 codes, ISO 3166 codes (alpha2, alpha3, and numeric3)
- added annotation to the controlled vocabulary of NACHA related items
- added TransmissionRs message for acknowledgements which includes Success, Warning, or Error elements
- added the ability to send a 4 numeric length field for the CreditCardNumber
- added the ability for the BusinessTransaction/InitiationDate to have both xsd:date and xsd:dateTime

#### Release 2.2 - 11 Feb 2008 Change Log

- added the missing Canadian province codes within the State controlled vocabulary
- corrected the ABA regex to "...[8][0]|.." instead of "...[80]|..."
- corrected the User Data element to include mixed content
- corrected the size of the ErrorCode field in the ErrorWarningAttributeGroup in the TransmissionRs
- corrected the ProgramData/UserData parent-child relationship - the UserData element is now optional-unbounded, rather than required-unbounded

#### Release 3.0 - 21 May 2008 Change Log

#### Release 3.0

- expanded string length of ReferenceText
- expanded string length of FinancialInstitutionText
- added AccountSummary/ForeignCurrency
- added AccountSummary/ForeignCurrency/@OriginalCurrencyCode
- added AccountSummary/ForeignCurrency/@Amount
- added AccountSummary/ForeignCurrency/@ExchangeRate
- added AccountSummary/ForeignCurrency/@ReferenceCode
- added AccountSummary/@AdjustmentReasonText
- added AccountSummary/BankInfo
- added AccountSummary/@AccountKeyCode
- added AccountSummary/@CostCenterWorkUnitCode
- added AccountSummary/@Deferred1DayAmount
- added AccountSummary/@Deferred2DayAmount
- added AccountSummary/@FiscalYear
- added AccountSummary/@OriginalSummaryDate
- added AccountSummary/@IsAdjustment
- added AccountSummary/@IsCommercialVoucher
- added AccountSummary/@TaxClassCode
- added AccountSummary/ProgramData
- added AccountSummary/@IsForeignCheck
- added AccountSummary/TradingPartnerExtension
- added the enumerated item "Processed" to the Success\_SimpleType
- added Success/@ReferenceNumber
- added Success/@ReferenceIdentifier
- added Transmission/Successes
- expanded string length of ErrorText
- added PartyIdentity
- added PartyIdentity/@IdentificationType - FSIO
- added PartyIdentity/@IdentificationNumber - FSIO
- added Agency/OrganizationLevels
- added OrganizationLevel/@TotalCount
- added Agency/OrganizationLevels/OrganizationLevel
- added OrganizationLevel/@ID
- added OrganizationLevel/@InternalOrganizationCode - CGAC
- added OrganizationLevel/@ReferenceName
- added Batch/Agency
- added Agency/@AgencyIdentifier - CGAC
- added Agency/@BureauIdentifier - CGAC
- added PersonName/@FullName
- added Phone/@PhoneNumber
- added Agency/@BureauName
- added BusinessEventType/@BusinessEventTypeName
- modified the Transmission/@TimeStamp to Transmission/@TransmissionTimestamp
- modified the TransmissionRs/@TimeStamp to TransmissionRs/@TransmissionTimestamp
- expanded the Amount\_SimpleType to 20.2
- expanded AddressLine to maxOccurs of 5
- updated the ISO Currency Codes
- updated the ISO Country Codes
- removed ISO\_3166\_CountryCode\_Alpha3\_SimpleType
- removed ISO\_3166\_CountryCode\_Numeric3\_SimpleType
- removed PAM\_AgencyIdentifier\_SimpleType
- removed these attributes under Agency: AgencyOffice, AgencySite, ProgramName, ProgramID, ProgramType, IsNonAppropriated, CashFlowType
- removed these attributes under Account: AccountPartyID, PartyID\_Prefix, and PartyID\_Suffix
- removed these attributes under Image: Offset, IsFront
- removed these attributes under BankInfo: MicrLine, IsClearing, IsMicr\_Overwritten
- removed these attributes under Transmission: OriginatorCode
- removed these attributes under Plastic: CardSecurityCode, BankName, BranchCode
- removed these attributes under Classification: CoinAmount

## 6 Appendix – Data Dictionary

Name	Tag	Definition
<b>ABA_Number</b>	attribute	The ABA 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. The first two digits of the nine digit ABA number must be in the ranges 00 through 12, 21 through 32, 61 through 72, or 80. The digits are assigned as follows: 00 is used by the United States Government; 01 through 12 are the normal routing numbers; 21 through 32 were assigned only to thrift institutions (e.g. credit unions and savings banks) through 1985, currently are still used by the thrift institutions, or their successors; 61 through 72 are used for electronic transactions; 80 is used for traveler's cheques. The first two digits correspond to the 12 Federal Reserve Banks. [reference: <a href="http://www.tfp.com/text/aba_policy.pdf">http://www.tfp.com/text/aba_policy.pdf</a> ]
<b>Account</b>	element	Account information for the trading partner, for example, the RDFI (Receiving Depository Financial Institution) Routing number, check digit, and account number.
<b>AccountClassification</b>	element	Identifies the Treasury Account information, for example, this would contain the TAS/BETC or CKey Name/Value.
<b>AccountKeyCode</b>	attribute	Identifies the FRB Account Key that is used within the Federal Reserve. The FRB Account Key is used by FRB Cashlink in combination with the RTN to determine the appropriate CA\$HLINK II CAN. The FRB Account Key is similar to the CAN, but is only used for FRB financial activity.
<b>AccountNumber</b>	attribute	The bank account number.
<b>AccountPartyName</b>	attribute	Name on face of credit card or bank account from which the funds will be drawn.
<b>AccountSummary</b>	element	This is a summary for multiple Business Transactions to replicate an SF 215/SF 5515.
<b>Addenda</b>	element	Addenda records will be used by the Originator to supply additional information about Entry Detail Records that will be passed from the ODFI through the ACH Operator to the RDFI.
<b>Addendum</b>	element	The container for all Addenda records associated with a financial transaction.
<b>Address</b>	element	Contains the address for the account.
<b>AddressLine</b>	element	Location for the address line.
<b>AdjustmentReasonText</b>	attribute	Textual description for the reason of an adjustment.
<b>Agency</b>	element	Identifies the ALC (Agency Location Code) and other supporting data for example treasury account information like the TAS/BETC (Treasury Account Symbol/Business Event Type Code).
<b>AgencyAccountID</b>	attribute	For example, a Lockbox Number.

Name	Tag	Definition
<b>AgencyIdentifier</b>	attribute	Identifies a major department or independent agency of the Federal government. Within the Treasury Account Symbol, this is used in conjunction with the main account code, the Agency Identifier represents the department, agency or establishment of the U.S. Government that is responsible for the Treasury Account Symbol.
<b>AgencyLocationCode</b>	attribute	Identifies the accounting office within an agency that reports disbursements and collections to Treasury.
<b>AgencyName</b>	attribute	Name of the agency.
<b>AllocationTransferAgencyIdentifier</b>	attribute	The Agency Identifier of the agency receiving funds through an allocation transfer.
<b>Amount</b>	attribute	The transaction amount.
<b>AvailabilityTypeCode</b>	attribute	Identifies no-year accounts "X", clearing/suspense accounts "F", Treasury's central summary general ledger accounts "A", and merged-surplus accounts "M".
<b>BankInfo</b>	element	Identifies the bank information for the account.
<b>BankName</b>	attribute	The name of the financial institution.
<b>Batch</b>	element	Contains one or many Business Transactions.
<b>BatchDate</b>	attribute	The date for the batch.
<b>BatchNumber</b>	attribute	Container to further identify this batch record, for example, the Cash Link Account Number or LockBox Number.
<b>BeginningPeriodOfAvailability</b>	attribute	In annual and multi-year funds, identifies the first year of availability under law that an appropriation account may incur new obligations. - 4 digit year shall be (0000-9999). - If single/annual year account, it shall be the same value as the Ending Period of Availability. - Value not applicable for no-year "X" accounts, clearing/suspense "F" accounts, merged surplus "M" accounts, central summary general ledger "A" accounts, and unavailable receipt accounts, it shall be blank/spaces/empty. - if the BPOA is not blank then the EPOA cannot be blank. - if the EPOA is not blank then the BPOA cannot be blank. - if the BPOA is not blank, the BPOA must be equal to or less than the EPOA. (if the EPOA is not blank, the EPOA must be equal to or greater than the BPOA.) - if the BPOA and EPOA are blank, the AI must not be blank. - if the AI is not blank the BPOA and EPOA must be blank.
<b>BranchCode</b>	attribute	The branch code of the financial institution.
<b>BureauIdentifier</b>	attribute	Identifies a major sub-organization of the agency, sometimes called an administration, service, or agency. (Not all agencies have bureaus.)
<b>BureauName</b>	attribute	The name of the Bureau.
<b>BusinessEventType</b>	element	The container for the BusinessEventTypeCode which is used in combination with the TAS to classify transactions reported to Treasury.
<b>BusinessEventTypeCode</b>	attribute	Identifies the type of activity (gross disbursement, offsetting collection, investment in Treasury securities, etc.) and the effect of a transaction on the FBWT. Is

Name	Tag	Definition
		used in combination with the TAS to classify transactions reported to Treasury through all GWA-compliant FMS systems.
<b>BusinessEventTypeName</b>	attribute	Identifies the name of the Business Event Type Code.
<b>BusinessTransaction</b>	element	Represents a single unit of work for a receivable, for example, a business transaction can contain multiple financial transaction records, or it may contain a single financial transaction record.
<b>CardNumber</b>	attribute	Contains the credit card or debit card number.
<b>CardType</b>	attribute	The type of card used, for example, MC, VI, DI, AX.
<b>CashFlowID</b>	attribute	Identifies the cash flow channel and type of income, for example ALC+2.
<b>CashFlowName</b>	attribute	The CashFlow name assigned to the CashFlowID.
<b>CashlinkAccountNumber</b>	attribute	A CashLink assigned number identifying an account.
<b>ChannelType</b>	attribute	Identifies the source channel application.
<b>CheckMediumType</b>	attribute	Identifies the type of check.
<b>CheckSerialNumber</b>	attribute	This field contains the serial number of a check.
<b>CheckType</b>	attribute	Indicates whether the bank account is a checking or savings account.
<b>City</b>	element	Contains the name of the city.
<b>Ckey</b>	element	A C-KEY is an acronym for classification key which is a unique agency accounting code assigned to a transaction. Agencies will establish C-Keys in SAM for collection transactions that will be used to derive the appropriate values of TAS-BETC(s).
<b>ClassName</b>	attribute	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. Also, non case-sensitive uniqueness will be enforced. (Aa would be a duplicate of aA.)
<b>ClassValue</b>	attribute	The string that contains the actual CKey Value. Also, non case-sensitive uniqueness will be enforced. (Aa would be a duplicate of aA.)
<b>Classification</b>	element	Contains the amount(s) of the breakdown of the Account Classification.
<b>Code</b>	attribute	The transaction code, for example, indicates the standard entry class codes in an ACH transaction.
<b>CostCenterWorkUnitCode</b>	attribute	Identifies the Cost Center Work Unit for FRB deposits and adjustments.
<b>Count</b>	attribute	Indicates the number of items represented by this record.
<b>Country</b>	element	This code list module defines the enumerated types of standard 2-letter ISO 3166 country codes. For more information on ISO 3166 country codes, see the ISO site: <a href="http://www.iso.ch/iso/en/prods-services/iso3166ma/02iso-3166-code-lists/list-en1.html">http://www.iso.ch/iso/en/prods-services/iso3166ma/02iso-3166-code-lists/list-en1.html</a> .
<b>Deferred1DayAmount</b>	attribute	A decimal value representing the amount of the deposit

Name	Tag	Definition
		that is deferred for one day.
<b>Deferred2DayAmount</b>	attribute	A decimal value representing the amount of the deposit that is deferred for two days.
<b>DepositDate</b>	attribute	The business date that the payment instruction was received by a business channel. The date that the deposit is presented to a financial institution, for example TGANET. The date that an ACH or Check-21 item is physically entered in the payment stream.
<b>DocumentLink</b>	attribute	This URI refers to an online description of the error or warning that occurred.
<b>EchoID</b>	attribute	Identifies the unique original Transmission message level identifier.
<b>EndingPeriodOfAvailability</b>	attribute	In annual and multi-year funds, identifies the last year of funds availability under law that an appropriation account may incur new obligations.
<b>EntryID</b>	attribute	This field contains the ascending sequence number section of the Entry Detail or Corporate Entry Detail Record's trace number. This number is the same as the last seven digits of the trace number of the related Entry Detail Record or Corporate Entry Detail Record.
<b>Error</b>	element	Contains the error metadata fields.
<b>ErrorCode</b>	attribute	If present, this refers to a table of coded values exchanged between applications to identify errors or warnings.
<b>ErrorNode</b>	attribute	The XPath notation to identify the location of the error/warning present in the instance document referenced by the EchoID attribute.
<b>ErrorText</b>	attribute	Provides a short text description of the error or warning.
<b>Errors</b>	element	Container for each Error item
<b>ExchangeRate</b>	attribute	An exchange rate is the market price for which one currency can be exchanged for another.
<b>FileName</b>	attribute	The file name reference for the image.
<b>FinancialInstitutionText</b>	attribute	The text supplied by the financial institution, in addition to the agency supplied text.
<b>FinancialTransaction</b>	element	The transfer of funds between a payer and a payee for a given amount on a given day.
<b>FiscalYear</b>	attribute	Fiscal Year is a term that is used to differentiate a budget or financial year from the calendar year. The U.S. Government's Fiscal Year runs from October 1 of the prior year through September 30 of the next year. For example, FY 2006 was from October 2005 through September 2006; FY 2007 runs from October 2006 through September 2007, and; FY 2008 is from October 2007 through September 2008.
<b>ForeignCurrency</b>	element	The container for describing foreign currency and associated metadata.
<b>FullName</b>	attribute	Contains the full name of a person.
<b>HasPrivacyData</b>	attribute	User data contains Personally Identifying Information

Name	Tag	Definition
		(PII). If the attribute is not populated or not present in the XML instance document, then the default value is understood to be "0".
<b>ID</b>	attribute	The unique identifier for the record.
<b>IdentificationNumber</b>	attribute	The unique identifier within the vendor type classification or category.
<b>IdentificationType</b>	attribute	Identifies the class of vendor. For example, employee, federal, commercial.
<b>Image</b>	element	Contains either the front image or the back image.
<b>InitialLocation</b>	attribute	Initial location of the point of deposit.
<b>InitiationDate</b>	attribute	The date that the transaction was initiated, for example, the date that the lockbox opened up the payment.
<b>InputSystem</b>	attribute	Identifies the sending trading partner.
<b>InternalOrganizationCode</b>	attribute	Identifies an entity that manages resources below the agency and bureau level. An example of an internal organization is an office or a division.
<b>IsAdjustment</b>	attribute	Indicates if the item is an adjustment, for example, a value of "1" would mean that it this record is an adjustment. If the attribute is not populated or not present in the XML instance document, then the default value is understood to be "0".
<b>IsAgencySubmitted</b>	attribute	Transactions are sent to FMS by either public or agencies. For instance, Pay.gov can receive a credit card authorization from an individual or it can receive this from an agency (after the agency has received if from an individual). If directly from an agency, then value is "1". If the attribute is not populated or not present in the XML instance document, then the default value is understood to be "0".
<b>IsCommercialVoucher</b>	attribute	Indicates if the item is a commercial voucher or not, for example, a value of "1" would mean that it is a commercial voucher. If the attribute is not populated or not present in the XML instance document, then the default value is understood to be "0".
<b>IsCorporate</b>	attribute	Indicates whether the account is a corporate account, for example, a value of 1 would mean that the account is a corporate account. If the attribute is not populated or not present in the XML instance document, then the default value is understood to be "0".
<b>IsCredit</b>	attribute	Indicates if the item is a debit or credit, for example, a value of "1" would mean that it is a "credit". If the attribute is not populated or not present in the XML instance document, then the default value is understood to be "0".
<b>IsEndOfDay</b>	attribute	Indicates if this transmission is the last transmission for the day. If the value is "1", then this transmission is the last transmission for the day. If the attribute is not populated or not present in the XML instance document, then the default value is understood to be "0".

Name	Tag	Definition
<b>IsForeignCheck</b>	attribute	Indicates if the item is a foreign check or not, for example, a value of "1" would mean that it is a foreign check. If the attribute is not populated or not present in the XML instance document, then the default value is understood to be "0".
<b>IsNonDomestic</b>	attribute	Indicates whether this entity is a US domestic entity, for example, this value would be "1" if the remitter address was an international address or the clearing financial institution was a non-US financial institution. If the attribute is not populated or not present in the XML instance document, then the default value is understood to be "0".
<b>IsRecurring</b>	attribute	Indicates if the item is a recurring debit. If the attribute is not populated or not present in the XML instance document, then the default value is understood to be "0".
<b>IsTax</b>	attribute	Indicates if the item is a tax collection transaction. If the attribute is not populated or not present in the XML instance document, then the default value is understood to be "0".
<b>IsUpdate</b>	attribute	Indicates if the item is an origination transaction or an update, for example, a value of "1" would mean that this is an update. If the attribute is not populated or not present in the XML instance document, then the default value is understood to be "0".
<b>MainAccountCode</b>	attribute	Identifies the type and purpose of the fund.
<b>MerchantCategoryCode</b>	attribute	Four-digit classification codes used to in the warning bullets, authorization, clearing and settlement systems to identify the type of Merchant Business in various stage of the transaction Processing.
<b>MerchantNumber</b>	attribute	This number is generated by a processor/acquirer and is specific to each individual merchant location. This number is used to identify the merchant.
<b>MonthYearExpire</b>	attribute	Indicates the month/year value of the expiration date.
<b>OfficeLocationCode</b>	attribute	A code assigned by the agency and will hold the ALC+2, ALC+4 data.
<b>OrganizationLevel</b>	element	Identifies the particular level within an organization.
<b>OrganizationLevels</b>	element	The container for an Organization Level item.
<b>OriginalCurrencyCode</b>	attribute	This code list defines the enumerated types of standard 3-letter ISO 4217 currency codes. See the ISO site for an explanation of each code: <a href="http://www.iso.ch/iso/en/catsupport/maralist.html#4217">http://www.iso.ch/iso/en/catsupport/maralist.html#4217</a> . If the attribute is not populated and does not exist in the XML instance document, then the default will be understood to be "USD".
<b>OriginalSummaryDate</b>	attribute	Indicates the date of the original summary record.
<b>OriginatorCode</b>	attribute	Unique code which identifies the source entity creating the transmission, for example, Public Debt Servicing Center.

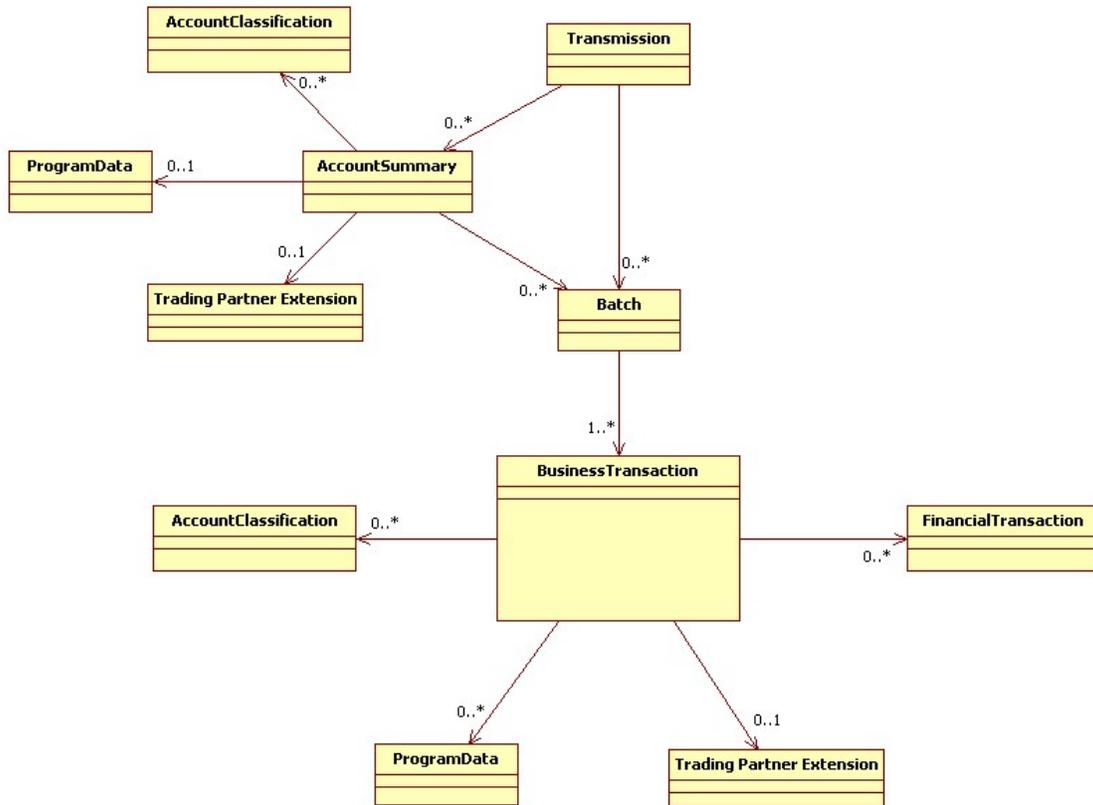
<b>Name</b>	<b>Tag</b>	<b>Definition</b>
<b>PartyIdentification</b>	element	Identifies a person or organization.
<b>Payee</b>	element	Person or organization receiving payment. For example, in a general collection, the payee is a federal government entity.
<b>Payer</b>	element	Identifies the point of first deposit for example, in a debit transaction, this would identify the person or organization submitting payment. For example, in a general collection, the payer can be a federal government or a non-federal government entity.
<b>Payment</b>	element	The financial amount of a transaction.
<b>PaymentMedium</b>	attribute	Identifies the payment medium for the transaction.
<b>PersonName</b>	element	Contains the name of a person.
<b>Phone</b>	element	Contains the telephone number.
<b>PhoneNumber</b>	attribute	Contains the phone number.
<b>Plastic</b>	element	Identifies the plastic card information for the account.
<b>PostalCode</b>	element	The postal code as managed by the USPS (United States Postal Service).
<b>ProgramData</b>	element	Container for non-financial data, for example, program data.
<b>ReferenceCode</b>	attribute	The reference code for the data record.
<b>ReferenceIdentifier</b>	attribute	The reference identifier for the data record.
<b>ReferenceName</b>	attribute	The reference name for the data record.
<b>ReferenceNumber</b>	attribute	The reference number for the data record.
<b>ReferenceText</b>	attribute	The reference description for the data record.
<b>RunningDailyAmount</b>	attribute	The cumulative absolute amount within a given day, for example, this is the total amount for all items sent so far on a given day including the items within this transmission.
<b>RunningDailyCount</b>	attribute	The running TotalCount for a given day, for example a day is determined from the end of day indicator of prior day to current end of day.
<b>SequenceNumber</b>	attribute	Indicates the number of transmissions submitted for given day.
<b>SettlementDate</b>	attribute	The anticipated date the funds will transfer (pre-settlement) or the date that the funds have been transferred (post-settlement).
<b>SettlementMechanism</b>	attribute	Identifies the settlement system that was used to complete this transaction.
<b>SeverityLevel</b>	attribute	This value represents the degree of error where the lowest number "1" is the highest degree of error (i.e. a fatal error) and "9" is the lowest degree of error.
<b>State</b>	element	The US state code as managed by the USPS (United States Postal Service).
<b>Status</b>	attribute	Identifies the transaction status.
<b>Sub-accountCode</b>	attribute	Identifies an available receipt or other Treasury-defined subdivision of the main account.

Name	Tag	Definition
<b>Sub-levelPrefixCode</b>	attribute	The Sub-level Prefix (if populated) is a programmatic breakdown of the account for Treasury publication purposes.
<b>SubType</b>	attribute	The sub type of transaction, for example, indicates the sub type in a FedWire transaction.
<b>Success</b>	element	Conveys the successful receipt or validation of the inbound Transmission.
<b>SuccessType</b>	attribute	Indicates whether the successful result of the inbound document was received or was validated. "Received" means that the server received the inbound document (no schema-validation or business-rules validation); "Validated" means that the server received the inbound document and that it passed schema-validation. The server relays a successful business-rules validation by the absence of Warning items or Error items.
<b>Successes</b>	element	Container for each Success item
<b>SummaryDate</b>	attribute	The date for the debit voucher or deposit ticket.
<b>SummaryNumber</b>	attribute	Contains the debit voucher or deposit ticket number.
<b>TaxClassCode</b>	attribute	Identifies the specific tax class from a specific set of values, as determined by FMS.
<b>TotalAmount</b>	attribute	Indicates the total absolute dollar amount of items.
<b>TotalCount</b>	attribute	Indicates the total number of items.
<b>TraceNumber</b>	attribute	The trace number for the transaction.
<b>TradingPartnerExtension</b>	element	The container for mutual trading partner agreements.
<b>TransactionDate</b>	attribute	The date that the customer either authorized or approved the payment to satisfy debt or pay for purchase or pay down from an appropriation account.
<b>Transmission</b>	element	A collection of a Batch of Business Transaction records.
<b>TransmissionRs</b>	element	Used to identify an application error by either text, code, or by an online description and also to give the status, tag, and/or identification of the record that may have caused the error.
<b>TransmissionTimestamp</b>	attribute	The timestamp of the transmission.
<b>TreasuryAccountSymbol</b>	element	The TAS is an identification code assigned by Treasury, in collaboration with OMB and the owner agency, to an individual appropriation, receipt, or other fund account. (These accounts are defined in I TFM 2-1500.) The term "Treasury Account Symbol" is a generic term used to describe any one of the account identification codes assigned by Treasury. The term "Treasury Appropriation/Fund Symbol" (TAFS) is used to describe a particular type of TAS - one with budget authority. The terms TAS and TAFS are sometimes used synonymously. All financial transactions of the Federal government are classified by TAS for reporting to Treasury and OMB. The TAS should be derived from the internal fund code at the time of reporting. - Sub-level Prefix Code: a 2-character code that represents an account breakdown requested by an agency and approved and implemented by

Name	Tag	Definition
		<p>Treasury - Allocation transfer agency identifier: a 3-character code that identifies the agency receiving funds through an allocation transfer (if any) - Agency identifier: a 3-character code that identifies the agency that is responsible for the TAS - Beginning Period of Availability: a 4-character year that, in annual and multiyear accounts, identifies the first year of availability under law that an account may incur new obligations. - Ending Period of Availability: a 4-character year that, in annual and multiyear accounts, identifies the last year of availability under law that an account may incur new obligations. - Availability Type Code: Identifies no-year accounts (X), clearing/suspense accounts (F), Treasury central summary general ledger accounts (A), and merged-surplus accounts (M). - Main account code: a 4-character code that identifies the type and purpose of the fund - Sub-account code: a 3-character code that identifies a Treasury-defined subdivision of a TAS. Not all TAS elements contain all eight component elements. Receipt accounts, for example, generally consist of the owner agency identifier, the main account code, and a sub-account code. Appropriation and other fund accounts (expenditure accounts) consist of the owner agency identifier, the period of availability codes (beginning fiscal year and ending fiscal year), and the main account code. The Sub-level Prefix Code is used only when there is a unique need (requested by the agency) for a subclassification below the TAS.</p>
<b>TreasuryAccountSymbolText</b>	attribute	Contains the concatenated version of the Treasury Account Symbol.
<b>Type</b>	attribute	The type of transaction, for example, indicates the FedWire type for this record.
<b>TypeCode</b>	attribute	The Addenda Type Code defines the specific interpretation and format for the Addenda Information contained in the same record.
<b>UserData</b>	element	A single record of non-financial data, for example, a single user-defined data record.
<b>Warning</b>	element	Contains the warning metadata fields.
<b>Warnings</b>	element	Container for each Warning item

## 7 Appendix – Business Concept Diagram

This is an abstract representation of the model and only displays the major classes within the model. Each class is represented without the underlying metadata attributes.



## 8 Appendix – Transmission Response Message Data Listing

The purpose of this section is to indicate the possible element or attributes that can be contained with this Transmission Response (TransmissionRs) message.

- The "Path" column contains the element name or it will contain a separator that indicates the number of levels deep.
- The "Group Repeat" column contains the number of occurrences of this element. For example, the "Successes" element could be the first child under "TransmissionRs" or it might not even appear in the XML instance document.
- The "Element Name" column contains the name of the element.
- The "Attribute Name" column contains the name of the attribute.
- The "XPath" column contains the fully-qualified path of the element or attribute.

Path	Group Repeat	Element Name	Attribute Name	Use	XPath
TransmissionRs	[1..1]				/TransmissionRs
-		TransmissionRs	@EchoID	[1..1]	/TransmissionRs/@EchoID
-		TransmissionRs	@ID	[1..1]	/TransmissionRs/@ID
-		TransmissionRs	@InputSystem	[1..1]	/TransmissionRs/@InputSystem
-		TransmissionRs	@SequenceNumber	[1..1]	/TransmissionRs/@SequenceNumber
-		TransmissionRs	@TransmissionTimestamp	[1..1]	/TransmissionRs/@TransmissionTimestamp
-.....Successes	[0..1]				/TransmissionRs/Successes
-..... -.....Success	[1..*]				/TransmissionRs/Successes/Success
-..... -..... -		Success	@SuccessType	[1..1]	/TransmissionRs/Successes/Success/@SuccessType
-..... -..... -		Success	@ReferenceIdentifier	[0..1]	/TransmissionRs/Successes/Success/@ReferenceIdentifier
-..... -..... -		Success	@ReferenceNumber	[0..1]	/TransmissionRs/Successes/Success/@ReferenceNumber
-.....Warnings	[0..1]				/TransmissionRs/Warnings
-..... -.....Warning	[1..*]				/TransmissionRs/Warnings/Warning
-..... -..... -		Warning	@ErrorCode	[0..1]	/TransmissionRs/Warnings/Warning/@ErrorCode
-..... -..... -		Warning	@ErrorText	[0..1]	/TransmissionRs/Warnings/Warning/@ErrorText
-..... -..... -		Warning	@DocumentLink	[0..1]	/TransmissionRs/Warnings/Warning/@DocumentLink
-..... -..... -		Warning	@SeverityLevel	[0..1]	/TransmissionRs/Warnings/Warning/@SeverityLevel
-..... -..... -		Warning	@ErrorNode	[0..1]	/TransmissionRs/Warnings/Warning/@ErrorNode

Path	Group Repeat	Element Name	Attribute Name	Use	XPath
-.....Errors	[0..1]				/TransmissionRs/Errors
-..... -.....Error	[1..*]				/TransmissionRs/Errors/Error
-..... -..... -		Error	@ErrorCode	[0..1]	/TransmissionRs/Errors/Error/@ErrorCode
-..... -..... -		Error	@ErrorText	[0..1]	/TransmissionRs/Errors/Error/@ErrorText
-..... -..... -		Error	@DocumentLink	[0..1]	/TransmissionRs/Errors/Error/@DocumentLink
-..... -..... -		Error	@SeverityLevel	[0..1]	/TransmissionRs/Errors/Error/@SeverityLevel
-..... -..... -		Error	@ErrorNode	[0..1]	/TransmissionRs/Errors/Error/@ErrorNode

## 9 Appendix – Transmission Message Data Listing

The purpose of this section is to indicate the possible element or attributes that can be contained with this Transmission (“Transmission”) message.

- The “Path” column contains the element name or it will contain a separator that indicates the number of levels deep.
- The “Group Repeat” column contains the number of occurrences of this element. For example, the “FinancialTransaction” element could be the first child under “BusinessTransaction” or it might not even appear in the XML instance document.
- The “Element Name” column contains the name of the element.
- The “Attribute Name” column contains the name of the attribute.
- The “XPath” column contains the fully-qualified path of the element or attribute.

Path	Group Repeat	Element Name	Attribute Name	Use	XPath
Transmission	[1..1]				/Transmission
-		Transmission	@ID	[1..1]	/Transmission/@ID
-		Transmission	@InputSystem	[1..1]	/Transmission/@InputSystem
-		Transmission	@SequenceNumber	[1..1]	/Transmission/@SequenceNumber
-		Transmission	@TransmissionTimestamp	[1..1]	/Transmission/@TransmissionTimestamp
-		Transmission	@IsEndOfDay	[0..1]	/Transmission/@IsEndOfDay
-		Transmission	@TotalAmount	[0..1]	/Transmission/@TotalAmount
-		Transmission	@TotalCount	[0..1]	/Transmission/@TotalCount
-		Transmission	@OriginatorCode	[0..1]	/Transmission/@OriginatorCode
-		Transmission	@RunningDailyCount	[0..1]	/Transmission/@RunningDailyCount
-		Transmission	@RunningDailyAmount	[0..1]	/Transmission/@RunningDailyAmount
-		Transmission	@IsUpdate	[0..1]	/Transmission/@IsUpdate
-.....Batch	[1..*]				/Transmission/Batch
-..... -		Batch	@ID	[1..1]	/Transmission/Batch/@ID
-..... -		Batch	@BatchDate	[0..1]	/Transmission/Batch/@BatchDate
-..... -		Batch	@BatchNumber	[0..1]	/Transmission/Batch/@BatchNumber
-..... -		Batch	@AgencyLocationCode	[0..1]	/Transmission/Batch/@AgencyLocationCode
-..... -		Batch	@OfficeLocationCode	[0..1]	/Transmission/Batch/@OfficeLocationCode
-..... -		Batch	@TotalAmount	[0..1]	/Transmission/Batch/@TotalAmount
-..... -		Batch	@TotalCount	[0..1]	/Transmission/Batch/@TotalCount
-..... -		Batch	@ReferenceNumber	[0..1]	/Transmission/Batch/@ReferenceNumber
-..... -		Batch	@ReferenceName	[0..1]	/Transmission/Batch/@ReferenceName

Path	Group Repeat	Element Name	Attribute Name	Use	XPath
-..... -		Batch	@ReferenceCode	[0..1]	/Transmission/Batch/@ReferenceCode
-..... -		Batch	@ReferenceText	[0..1]	/Transmission/Batch/@ReferenceText
-..... -		Batch	@Code	[0..1]	/Transmission/Batch/@Code
-..... -		Batch	@Type	[0..1]	/Transmission/Batch/@Type
-..... -.....BusinessTransaction	[1..*]				/Transmission/Batch/BusinessTransaction
-..... -..... -		BusinessTransaction	@ID	[1..1]	/Transmission/Batch/BusinessTransaction/@ID
-..... -..... -		BusinessTransaction	@TotalAmount	[0..1]	/Transmission/Batch/BusinessTransaction/@TotalAmount
-..... -..... -		BusinessTransaction	@TotalCount	[0..1]	/Transmission/Batch/BusinessTransaction/@TotalCount
-..... -..... -		BusinessTransaction	@CashlinkAccountNumber	[0..1]	/Transmission/Batch/BusinessTransaction/@CashlinkAccountNumber
-..... -..... -		BusinessTransaction	@AgencyAccountID	[0..1]	/Transmission/Batch/BusinessTransaction/@AgencyAccountID
-..... -..... -		BusinessTransaction	@IsUpdate	[0..1]	/Transmission/Batch/BusinessTransaction/@IsUpdate
-..... -..... -		BusinessTransaction	@InitiationDate	[0..1]	/Transmission/Batch/BusinessTransaction/@InitiationDate
-..... -..... -		BusinessTransaction	@InitialLocation	[0..1]	/Transmission/Batch/BusinessTransaction/@InitialLocation
-..... -..... -.....FinancialTransaction	[0..*]				/Transmission/Batch/BusinessTransaction/FinancialTransaction
-..... -..... -..... -		FinancialTransaction	@ID	[1..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/@ID
-..... -..... -..... -		FinancialTransaction	@Code	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/@Code
-..... -..... -..... -		FinancialTransaction	@Type	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/@Type
-..... -..... -..... -		FinancialTransaction	@SubType	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/@SubType
-..... -..... -..... -		FinancialTransaction	@Status	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/@Status
-..... -..... -..... -		FinancialTransaction	@ReferenceNumber	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/@ReferenceNumber
-..... -..... -..... -		FinancialTransaction	@ReferenceName	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/@ReferenceName
-..... -..... -..... -		FinancialTransaction	@ReferenceCode	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/@ReferenceCode
-..... -..... -..... -		FinancialTransaction	@ReferenceText	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/@ReferenceText
-..... -..... -..... -		FinancialTransaction	@TraceNumber	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/@TraceNumber
-..... -..... -..... -		FinancialTransaction	@ChannelType	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/@ChannelType
-..... -..... -..... -		FinancialTransaction	@SettlementMechanism	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/@SettlementMechanism
-..... -..... -..... -		FinancialTransaction	@PaymentMedium	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/@PaymentMedium
-..... -..... -..... -		FinancialTransaction	@IsCredit	[1..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/@IsCredit
-..... -..... -..... -		FinancialTransaction	@IsRecurring	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/@IsRecurring

Path	Group Repeat	Element Name	Attribute Name	Use	XPath
-..... -..... -..... -		FinancialTransaction	@IsTax	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/@IsTax
-..... -..... -..... -		FinancialTransaction	@IsAgencySubmitted	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/@IsAgencySubmitted
-..... -..... -..... -		FinancialTransaction	@SummaryDate	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/@SummaryDate
-..... -..... -..... -		FinancialTransaction	@SummaryNumber	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/@SummaryNumber
-..... -..... -..... -		FinancialTransaction	@AgencyLocationCode	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/@AgencyLocationCode
-..... -..... -..... -		FinancialTransaction	@OfficeLocationCode	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/@OfficeLocationCode
-..... -..... -..... -		FinancialTransaction	@TransactionDate	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/@TransactionDate
-..... -..... -..... -		FinancialTransaction	@SettlementDate	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/@SettlementDate
-..... -..... -..... -		FinancialTransaction	@DepositDate	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/@DepositDate
-..... -..... -..... -.....Payer	[0..1]				/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payer
-..... -..... -..... -.....Account	[0..1]				/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payer/Account
-..... -..... -..... -..... -..... -		Account	@AccountPartyName	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/@AccountPartyName
-..... -..... -..... -..... -..... -		Account	@IsCorporate	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/@IsCorporate
-..... -..... -..... -..... -..... -.....BankInfo	[0..1]				/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/BankInfo
-..... -..... -..... -..... -..... -..... -		BankInfo	@BankName	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/BankInfo/@BankName
-..... -..... -..... -..... -..... -..... -		BankInfo	@BranchCode	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/BankInfo/@BranchCode
-..... -..... -..... -..... -..... -..... -		BankInfo	@ABA_Number	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/BankInfo/@ABA_Number
-..... -..... -..... -..... -..... -..... -		BankInfo	@AccountNumber	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/BankInfo/@AccountNumber
-..... -..... -..... -..... -..... -..... -		BankInfo	@CheckSerialNumber	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/BankInfo/@CheckSerialNumber
-..... -..... -..... -..... -..... -..... -		BankInfo	@CheckType	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/BankInfo/@CheckType
-..... -..... -..... -..... -..... -..... -		BankInfo	@CheckMediumType	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/BankInfo/@CheckMediumType
-..... -..... -..... -..... -..... -..... -		BankInfo	@IsNonDomestic	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/BankInfo/@IsNonDomestic
-..... -..... -..... -..... -..... -..... -.....Image	[0..*]				/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/BankInfo/Image
-..... -..... -..... -..... -..... -..... -..... -		Image	@FileName	[1..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/BankInfo/Image/@FileName
-..... -..... -..... -..... -..... -.....Plastic	[0..1]				/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/Plastic
-..... -..... -..... -..... -..... -..... -		Plastic	@MonthYearExpire	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/Plastic/@MonthYearExpire

Path	Group Repeat	Element Name	Attribute Name	Use	XPath
-..... -..... -..... -..... -..... -..... -		Plastic	@CardNumber	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/Plastic/@CardNumber
-..... -..... -..... -..... -..... -..... -		Plastic	@CardType	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/Plastic/@CardType
-..... -..... -..... -..... -..... -..... -		Plastic	@IsCredit	[1..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/Plastic/@IsCredit
-..... -..... -..... -..... -..... -..... -		Plastic	@MerchantNumber	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/Plastic/@MerchantNumber
-..... -..... -..... -..... -..... -..... -		Plastic	@MerchantCategoryCode	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/Plastic/@MerchantCategoryCode
-..... -..... -..... -..... -..... -.....Address	[0..1]	Address			/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/Address
-..... -..... -..... -..... -..... -..... -		Address	@IsNonDomestic	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/Address/@IsNonDomestic
-..... -..... -..... -..... -..... -..... -.....AddressLine		Address/AddressLine		[0..5]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/Address/AddressLine
-..... -..... -..... -..... -..... -..... -.....City		Address/City		[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/Address/City
-..... -..... -..... -..... -..... -..... -.....State		Address/State		[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/Address/State
-..... -..... -..... -..... -..... -..... -.....PostalCode		Address/PostalCode		[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/Address/PostalCode
-..... -..... -..... -..... -..... -..... -.....Country		Address/Country		[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/Address/Country
-..... -..... -..... -..... -..... -.....Agency	[0..1]	Agency			/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payer/Agency
-..... -..... -..... -..... -..... -..... -		Agency	@AgencyName	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payer/Agency/@AgencyName
-..... -..... -..... -..... -..... -..... -		Agency	@AgencyIdentifier	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payer/Agency/@AgencyIdentifier
-..... -..... -..... -..... -..... -..... -		Agency	@BureauName	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payer/Agency/@BureauName
-..... -..... -..... -..... -..... -..... -		Agency	@BureauIdentifier	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payer/Agency/@BureauIdentifier
-..... -..... -..... -..... -..... -..... -		Agency	@AgencyLocationCode	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payer/Agency/@AgencyLocationCode
-..... -..... -..... -..... -..... -..... -		Agency	@OfficeLocationCode	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payer/Agency/@OfficeLocationCode
-..... -..... -..... -..... -..... -..... -		Agency	@CashFlowName	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payer/Agency/@CashFlowName
-..... -..... -..... -..... -..... -..... -		Agency	@CashFlowID	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payer/Agency/@CashFlowID
-..... -..... -..... -..... -..... -.....OrganizationLevels	[0..1]	OrganizationLevels			/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payer/Agency/OrganizationLevels
-..... -..... -..... -..... -..... -..... -		OrganizationLevels	@TotalCount	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payer/Agency/OrganizationLevels/@TotalCount
-..... -..... -..... -..... -..... -..... -.....OrganizationLevel	[1..7]	OrganizationLevel			/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payer/Agency/OrganizationLevels/OrganizationLevel
-..... -..... -..... -..... -..... -..... -..... -		OrganizationLevel	@ID	[1..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payer/Agency/OrganizationLevels/OrganizationLevel/@ID

Path	Group Repeat	Element Name	Attribute Name	Use	XPath
-..... -..... -..... -..... -..... -..... -		OrganizationLevel	@InternalOrganizationCode	[1..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payer/Agency/OrganizationLevels/OrganizationLevel/@InternalOrganizationCode
-..... -..... -..... -..... -..... -..... -		OrganizationLevel	@ReferenceName	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payer/Agency/OrganizationLevels/OrganizationLevel/@ReferenceName
-..... -..... -..... -..... -.....PartyIdentification	[0..1]	PartyIdentification	@IdentificationType	[1..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payer/PartyIdentification
-..... -..... -..... -..... -..... -		PartyIdentification	@IdentificationType	[1..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payer/PartyIdentification/@IdentificationType
-..... -..... -..... -..... -..... -		PartyIdentification	@IdentificationNumber	[1..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payer/PartyIdentification/@IdentificationNumber
-..... -..... -..... -.....Payee	[0..1]	Payee			/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payee
-..... -..... -..... -.....Account	[0..1]	Account			/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payee/Account
-..... -..... -..... -..... -		Account	@AccountPartyName	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/@AccountPartyName
-..... -..... -..... -..... -		Account	@IsCorporate	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/@IsCorporate
-..... -..... -..... -..... -.....BankInfo	[0..1]	BankInfo			/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/BankInfo
-..... -..... -..... -..... -..... -		BankInfo	@BankName	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/BankInfo/@BankName
-..... -..... -..... -..... -..... -		BankInfo	@BranchCode	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/BankInfo/@BranchCode
-..... -..... -..... -..... -..... -		BankInfo	@ABA_Number	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/BankInfo/@ABA_Number
-..... -..... -..... -..... -..... -		BankInfo	@AccountNumber	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/BankInfo/@AccountNumber
-..... -..... -..... -..... -..... -		BankInfo	@CheckSerialNumber	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/BankInfo/@CheckSerialNumber
-..... -..... -..... -..... -..... -		BankInfo	@CheckType	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/BankInfo/@CheckType
-..... -..... -..... -..... -..... -		BankInfo	@CheckMediumType	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/BankInfo/@CheckMediumType
-..... -..... -..... -..... -..... -		BankInfo	@IsNonDomestic	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/BankInfo/@IsNonDomestic
-..... -..... -..... -..... -.....Image	[0..*]	Image			/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/BankInfo/Image
-..... -..... -..... -..... -..... -		Image	@FileName	[1..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/BankInfo/Image/@FileName
-..... -..... -..... -..... -.....Plastic	[0..1]	Plastic			/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/Plastic
-..... -..... -..... -..... -..... -		Plastic	@MonthYearExpire	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/Plastic/@MonthYearExpire
-..... -..... -..... -..... -..... -		Plastic	@CardNumber	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/Plastic/@CardNumber
-..... -..... -..... -..... -..... -		Plastic	@CardType	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/Plastic/@CardType

Path	Group Repeat	Element Name	Attribute Name	Use	XPath
-..... -..... -..... -..... -..... -..... -		Plastic	@IsCredit	[1..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/Plastic/@IsCredit
-..... -..... -..... -..... -..... -..... -		Plastic	@MerchantNumber	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/Plastic/@MerchantNumber
-..... -..... -..... -..... -..... -..... -		Plastic	@MerchantCategoryCode	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/Plastic/@MerchantCategoryCode
-..... -..... -..... -..... -..... -.....Address	[0..1]				/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/Address
-..... -..... -..... -..... -..... -..... -		Address	@IsNonDomestic	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/Address/@IsNonDomestic
-..... -..... -..... -..... -..... -.....AddressLine		Address/AddressLine		[0..5]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/Address/AddressLine
-..... -..... -..... -..... -..... -.....City		Address/City		[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/Address/City
-..... -..... -..... -..... -..... -.....State		Address/State		[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/Address/State
-..... -..... -..... -..... -..... -.....PostalCode		Address/PostalCode		[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/Address/PostalCode
-..... -..... -..... -..... -..... -.....Country		Address/Country		[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/Address/Country
-..... -..... -..... -..... -.....Agency	[0..1]				/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payee/Agency
-..... -..... -..... -..... -..... -		Agency	@AgencyName	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payee/Agency/@AgencyName
-..... -..... -..... -..... -..... -		Agency	@AgencyIdentifier	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payee/Agency/@AgencyIdentifier
-..... -..... -..... -..... -..... -		Agency	@BureauName	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payee/Agency/@BureauName
-..... -..... -..... -..... -..... -		Agency	@BureauIdentifier	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payee/Agency/@BureauIdentifier
-..... -..... -..... -..... -..... -		Agency	@AgencyLocationCode	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payee/Agency/@AgencyLocationCode
-..... -..... -..... -..... -..... -		Agency	@OfficeLocationCode	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payee/Agency/@OfficeLocationCode
-..... -..... -..... -..... -..... -		Agency	@CashFlowName	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payee/Agency/@CashFlowName
-..... -..... -..... -..... -..... -		Agency	@CashFlowID	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payee/Agency/@CashFlowID
-..... -..... -..... -..... -.....OrganizationLevels	[0..1]				/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payee/Agency/OrganizationLevels
-..... -..... -..... -..... -..... -		OrganizationLevels	@TotalCount	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payee/Agency/OrganizationLevels/@TotalCount
-..... -..... -..... -..... -.....OrganizationLevel	[1..7]				/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payee/Agency/OrganizationLevels/OrganizationLevel
-..... -..... -..... -..... -..... -		OrganizationLevel	@ID	[1..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payee/Agency/OrganizationLevels/OrganizationLevel/@ID
-..... -..... -..... -..... -..... -		OrganizationLevel	@InternalOrganizationCode	[1..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payee/Agency/OrganizationLevels/OrganizationLevel/@InternalOrganizationCode
-..... -..... -..... -..... -..... -		OrganizationLevel	@ReferenceName	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payee/Agency/OrganizationLevels/OrganizationLevel/@ReferenceName

Path	Group Repeat	Element Name	Attribute Name	Use	XPath
					ationLevel/@ReferenceName
-..... -..... -..... -..... -.....PartyIdentification	[0..1]				/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payee/PartyIdentification
-..... -..... -..... -..... -.....-		PartyIdentification	@IdentificationType	[1..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payee/PartyIdentification/@IdentificationType
-..... -..... -..... -..... -.....-		PartyIdentification	@IdentificationNumber	[1..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payee/PartyIdentification/@IdentificationNumber
-..... -..... -..... -..... -.....Payment	[1..1]				/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payment
-..... -..... -..... -..... -.....-		Payment	@Amount	[1..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payment/@Amount
-..... -..... -..... -..... -.....-		Payment	@OriginalCurrencyCode	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Payment/@OriginalCurrencyCode
-..... -..... -..... -..... -.....Addendum	[0..1]				/Transmission/Batch/BusinessTransaction/FinancialTransaction/Addendum
-..... -..... -..... -..... -.....-		Addendum	@Count	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Addendum/@Count
-..... -..... -..... -..... -.....-		Addendum	@Code	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Addendum/@Code
-..... -..... -..... -..... -.....-		Addendum	@Type	[0..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Addendum/@Type
-..... -..... -..... -..... -.....Addenda	[1..*]				/Transmission/Batch/BusinessTransaction/FinancialTransaction/Addendum/Addenda
-..... -..... -..... -..... -.....-		Addenda	@ID	[1..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Addendum/Addenda/@ID
-..... -..... -..... -..... -.....-		Addenda	@EntryID	[1..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Addendum/Addenda/@EntryID
-..... -..... -..... -..... -.....-		Addenda	@TypeCode	[1..1]	/Transmission/Batch/BusinessTransaction/FinancialTransaction/Addendum/Addenda/@TypeCode
-..... -..... -..... -..... -.....AccountClassification	[0..*]				/Transmission/Batch/BusinessTransaction/AccountClassification
-..... -..... -..... -..... -.....-		AccountClassification	@TaxClassCode	[0..1]	/Transmission/Batch/BusinessTransaction/AccountClassification/@TaxClassCode
-..... -..... -..... -..... -.....-		AccountClassification	@TreasuryAccountSymbolText	[0..1]	/Transmission/Batch/BusinessTransaction/AccountClassification/@TreasuryAccountSymbolText
-..... -..... -..... -..... -.....TreasuryAccountSymbol	[0..1]				/Transmission/Batch/BusinessTransaction/AccountClassification/TreasuryAccountSymbol
-..... -..... -..... -..... -.....-		TreasuryAccountSymbol	@Sub-levelPrefixCode	[0..1]	/Transmission/Batch/BusinessTransaction/AccountClassification/TreasuryAccountSymbol/@Sub-levelPrefixCode
-..... -..... -..... -..... -.....-		TreasuryAccountSymbol	@AllocationTransferAgencyIdentifier	[0..1]	/Transmission/Batch/BusinessTransaction/AccountClassification/TreasuryAccountSymbol/@AllocationTransferAgencyIdentifier
-..... -..... -..... -..... -.....-		TreasuryAccountSymbol	@AgencyIdentifier	[1..1]	/Transmission/Batch/BusinessTransaction/AccountClassification/TreasuryAccountSymbol/@AgencyIdentifier
-..... -..... -..... -..... -.....-		TreasuryAccountSymbol	@BeginningPeriodOfAvailability	[0..1]	/Transmission/Batch/BusinessTransaction/AccountClassification/TreasuryAccountSymbol/@BeginningPeriodOfAvailability
-..... -..... -..... -..... -.....-		TreasuryAccountSymbol	@EndingPeriodOfAvailability	[0..1]	/Transmission/Batch/BusinessTransaction/AccountClassification/TreasuryAccountSymbol/@EndingPeriodOfAvailability
-..... -..... -..... -..... -.....-		TreasuryAccountSymbol	@AvailabilityTypeCode	[0..1]	/Transmission/Batch/BusinessTransaction/AccountClassification/TreasuryAccountSymbol/@AvailabilityTypeCode

Path	Group Repeat	Element Name	Attribute Name	Use	XPath
-..... -..... -..... -..... -		TreasuryAccountSymbol	@MainAccountCode	[1..1]	ssification/TreasuryAccountSymbol/@AvailabilityTypeCode
-..... -..... -..... -..... -		TreasuryAccountSymbol	@Sub-accountCode	[1..1]	/Transmission/Batch/BusinessTransaction/AccountClassification/TreasuryAccountSymbol/@MainAccountCode
-..... -..... -..... -..... BusinessEventType	[0..1]	BusinessEventType	@BusinessEventTypeCode	[1..1]	/Transmission/Batch/BusinessTransaction/AccountClassification/TreasuryAccountSymbol/@Sub-accountCode
-..... -..... -..... -..... -		BusinessEventType	@BusinessEventTypeCode	[1..1]	/Transmission/Batch/BusinessTransaction/AccountClassification/BusinessEventType
-..... -..... -..... -..... -		BusinessEventType	@BusinessEventTypeName	[0..1]	/Transmission/Batch/BusinessTransaction/AccountClassification/BusinessEventType/@BusinessEventTypeCode
-..... -..... -..... -..... Ckey	[0..1]	Ckey	@ClassName	[1..1]	/Transmission/Batch/BusinessTransaction/AccountClassification/BusinessEventType/@BusinessEventTypeName
-..... -..... -..... -..... -		Ckey	@ClassName	[1..1]	/Transmission/Batch/BusinessTransaction/AccountClassification/Ckey
-..... -..... -..... -..... -		Ckey	@ClassValue	[1..1]	/Transmission/Batch/BusinessTransaction/AccountClassification/Ckey/@ClassName
-..... -..... -..... -..... Classification	[1..1]	Classification	@Amount	[1..1]	/Transmission/Batch/BusinessTransaction/AccountClassification/Ckey/@ClassValue
-..... -..... -..... -..... -		Classification	@Amount	[1..1]	/Transmission/Batch/BusinessTransaction/AccountClassification/Classification
-..... -..... -..... -..... -		Classification	@OriginalCurrencyCode	[0..1]	/Transmission/Batch/BusinessTransaction/AccountClassification/Classification/@Amount
-..... -..... -..... -..... ProgramData	[0..1]	ProgramData	@ID	[1..1]	/Transmission/Batch/BusinessTransaction/AccountClassification/Classification/@OriginalCurrencyCode
-..... -..... -..... -..... -		ProgramData	@ID	[1..1]	/Transmission/Batch/BusinessTransaction/AccountClassification/ProgramData
-..... -..... -..... -..... -		ProgramData	@Count	[0..1]	/Transmission/Batch/BusinessTransaction/AccountClassification/ProgramData/@ID
-..... -..... -..... -..... UserData	[0..*]	*	@*	[*]	/Transmission/Batch/BusinessTransaction/AccountClassification/ProgramData/@Count
-..... -..... -..... -..... -		UserData	@*	[*]	/Transmission/Batch/BusinessTransaction/AccountClassification/ProgramData/UserData
-..... -..... -..... -..... -		UserData	@ID	[1..1]	/Transmission/Batch/BusinessTransaction/AccountClassification/ProgramData/UserData/*
-..... -..... -..... -..... -		UserData	@ReferenceNumber	[0..1]	/Transmission/Batch/BusinessTransaction/AccountClassification/ProgramData/UserData/@*
-..... -..... -..... -..... -		UserData	@ReferenceName	[0..1]	/Transmission/Batch/BusinessTransaction/AccountClassification/ProgramData/UserData/@ID
-..... -..... -..... -..... -		UserData	@ReferenceCode	[0..1]	/Transmission/Batch/BusinessTransaction/AccountClassification/ProgramData/UserData/@ReferenceNumber
-..... -..... -..... -..... -		UserData	@ReferenceText	[0..1]	/Transmission/Batch/BusinessTransaction/AccountClassification/ProgramData/UserData/@ReferenceName
-..... -..... -..... -..... -		UserData	@HasPrivacyData	[0..1]	/Transmission/Batch/BusinessTransaction/AccountClassification/ProgramData/UserData/@ReferenceCode
-..... -..... -..... ProgramData	[0..*]				/Transmission/Batch/BusinessTransaction/AccountClassification/ProgramData/UserData/@ReferenceText
					/Transmission/Batch/BusinessTransaction/AccountClassification/ProgramData/UserData/@HasPrivacyData

Path	Group Repeat	Element Name	Attribute Name	Use	XPath
-..... -..... -..... -		ProgramData	@ID	[1..1]	/Transmission/Batch/BusinessTransaction/ProgramData/@ID
-..... -..... -..... -		ProgramData	@Count	[0..1]	/Transmission/Batch/BusinessTransaction/ProgramData/@Count
-..... -..... -..... -..... UserData	[0..*]				/Transmission/Batch/BusinessTransaction/ProgramData/UserData
-..... -..... -..... -..... -		*		[*]	/Transmission/Batch/BusinessTransaction/ProgramData/UserData/*
-..... -..... -..... -..... -		UserData	@*	[*]	/Transmission/Batch/BusinessTransaction/ProgramData/UserData/@*
-..... -..... -..... -..... -		UserData	@ID	[1..1]	/Transmission/Batch/BusinessTransaction/ProgramData/UserData/@ID
-..... -..... -..... -..... -		UserData	@ReferenceNumber	[0..1]	/Transmission/Batch/BusinessTransaction/ProgramData/UserData/@ReferenceNumber
-..... -..... -..... -..... -		UserData	@ReferenceName	[0..1]	/Transmission/Batch/BusinessTransaction/ProgramData/UserData/@ReferenceName
-..... -..... -..... -..... -		UserData	@ReferenceCode	[0..1]	/Transmission/Batch/BusinessTransaction/ProgramData/UserData/@ReferenceCode
-..... -..... -..... -..... -		UserData	@ReferenceText	[0..1]	/Transmission/Batch/BusinessTransaction/ProgramData/UserData/@ReferenceText
-..... -..... -..... -..... -		UserData	@HasPrivacyData	[0..1]	/Transmission/Batch/BusinessTransaction/ProgramData/UserData/@HasPrivacyData
-..... -..... -..... TradingPartnerExtension	[0..1]				/Transmission/Batch/BusinessTransaction/TradingPartnerExtension
-..... -..... -..... -		*		[*]	/Transmission/Batch/BusinessTransaction/TradingPartnerExtension/*
-..... -..... -..... -		TradingPartnerExtension	@*	[*]	/Transmission/Batch/BusinessTransaction/TradingPartnerExtension/@*
-..... -..... Agency	[0..1]				/Transmission/Batch/Agency
-..... -..... -		Agency	@AgencyName	[0..1]	/Transmission/Batch/Agency/@AgencyName
-..... -..... -		Agency	@AgencyIdentifier	[0..1]	/Transmission/Batch/Agency/@AgencyIdentifier
-..... -..... -		Agency	@BureauName	[0..1]	/Transmission/Batch/Agency/@BureauName
-..... -..... -		Agency	@BureauIdentifier	[0..1]	/Transmission/Batch/Agency/@BureauIdentifier
-..... -..... -		Agency	@AgencyLocationCode	[0..1]	/Transmission/Batch/Agency/@AgencyLocationCode
-..... -..... -		Agency	@OfficeLocationCode	[0..1]	/Transmission/Batch/Agency/@OfficeLocationCode
-..... -..... -		Agency	@CashFlowName	[0..1]	/Transmission/Batch/Agency/@CashFlowName
-..... -..... -		Agency	@CashFlowID	[0..1]	/Transmission/Batch/Agency/@CashFlowID
-..... -..... -..... OrganizationLevels	[0..1]				/Transmission/Batch/Agency/OrganizationLevels
-..... -..... -..... -		OrganizationLevels	@TotalCount	[0..1]	/Transmission/Batch/Agency/OrganizationLevels/@TotalCount
-..... -..... -..... -..... OrganizationLevel	[1..7]				/Transmission/Batch/Agency/OrganizationLevels/OrganizationLevel
-..... -..... -..... -..... -		OrganizationLevel	@ID	[1..1]	/Transmission/Batch/Agency/OrganizationLevels/OrganizationLevel/@ID
-..... -..... -..... -..... -		OrganizationLevel	@InternalOrganizationCode	[1..1]	/Transmission/Batch/Agency/OrganizationLevels/OrganizationLevel/@InternalOrganizationCode
-..... -..... -..... -..... -		OrganizationLevel	@ReferenceName	[0..1]	/Transmission/Batch/Agency/OrganizationLevels/OrganizationLevel/@ReferenceName

Path	Group Repeat	Element Name	Attribute Name	Use	XPath
-.....AccountSummary	[1..*]				/Transmission/AccountSummary
-..... -		AccountSummary	@ID	[1..1]	/Transmission/AccountSummary/@ID
-..... -		AccountSummary	@SummaryDate	[0..1]	/Transmission/AccountSummary/@SummaryDate
-..... -		AccountSummary	@SummaryNumber	[0..1]	/Transmission/AccountSummary/@SummaryNumber
-..... -		AccountSummary	@AgencyLocationCode	[0..1]	/Transmission/AccountSummary/@AgencyLocationCode
-..... -		AccountSummary	@OfficeLocationCode	[0..1]	/Transmission/AccountSummary/@OfficeLocationCode
-..... -		AccountSummary	@TotalAmount	[0..1]	/Transmission/AccountSummary/@TotalAmount
-..... -		AccountSummary	@TotalCount	[0..1]	/Transmission/AccountSummary/@TotalCount
-..... -		AccountSummary	@ReferenceNumber	[0..1]	/Transmission/AccountSummary/@ReferenceNumber
-..... -		AccountSummary	@ReferenceName	[0..1]	/Transmission/AccountSummary/@ReferenceName
-..... -		AccountSummary	@ReferenceCode	[0..1]	/Transmission/AccountSummary/@ReferenceCode
-..... -		AccountSummary	@ReferenceText	[0..1]	/Transmission/AccountSummary/@ReferenceText
-..... -		AccountSummary	@Code	[0..1]	/Transmission/AccountSummary/@Code
-..... -		AccountSummary	@Type	[0..1]	/Transmission/AccountSummary/@Type
-..... -		AccountSummary	@DepositDate	[0..1]	/Transmission/AccountSummary/@DepositDate
-..... -		AccountSummary	@FinancialInstitutionText	[0..1]	/Transmission/AccountSummary/@FinancialInstitutionText
-..... -		AccountSummary	@CashlinkAccountNumber	[0..1]	/Transmission/AccountSummary/@CashlinkAccountNumber
-..... -		AccountSummary	@IsCredit	[1..1]	/Transmission/AccountSummary/@IsCredit
-..... -		AccountSummary	@AdjustmentReasonText	[0..1]	/Transmission/AccountSummary/@AdjustmentReasonText
-..... -		AccountSummary	@AccountKeyCode	[0..1]	/Transmission/AccountSummary/@AccountKeyCode
-..... -		AccountSummary	@CostCenterWorkUnitCode	[0..1]	/Transmission/AccountSummary/@CostCenterWorkUnitCode
-..... -		AccountSummary	@Deferred1DayAmount	[0..1]	/Transmission/AccountSummary/@Deferred1DayAmount
-..... -		AccountSummary	@Deferred2DayAmount	[0..1]	/Transmission/AccountSummary/@Deferred2DayAmount
-..... -		AccountSummary	@FiscalYear	[0..1]	/Transmission/AccountSummary/@FiscalYear
-..... -		AccountSummary	@OriginalSummaryDate	[0..1]	/Transmission/AccountSummary/@OriginalSummaryDate
-..... -		AccountSummary	@IsAdjustment	[0..1]	/Transmission/AccountSummary/@IsAdjustment
-..... -		AccountSummary	@IsCommercialVoucher	[0..1]	/Transmission/AccountSummary/@IsCommercialVoucher
-..... -		AccountSummary	@IsForeignCheck	[0..1]	/Transmission/AccountSummary/@IsForeignCheck
-..... -.....Batch	[0..*]				/Transmission/AccountSummary/Batch
-..... -..... -		Batch	@ID	[1..1]	/Transmission/AccountSummary/Batch/@ID
-..... -..... -		Batch	@BatchDate	[0..1]	/Transmission/AccountSummary/Batch/@BatchDate
-..... -..... -		Batch	@BatchNumber	[0..1]	/Transmission/AccountSummary/Batch/@BatchNumber

Path	Group Repeat	Element Name	Attribute Name	Use	XPath
-..... -..... -		Batch	@AgencyLocationCode	[0..1]	/Transmission/AccountSummary/Batch/@AgencyLocationCode
-..... -..... -		Batch	@OfficeLocationCode	[0..1]	/Transmission/AccountSummary/Batch/@OfficeLocationCode
-..... -..... -		Batch	@TotalAmount	[0..1]	/Transmission/AccountSummary/Batch/@TotalAmount
-..... -..... -		Batch	@TotalCount	[0..1]	/Transmission/AccountSummary/Batch/@TotalCount
-..... -..... -		Batch	@ReferenceNumber	[0..1]	/Transmission/AccountSummary/Batch/@ReferenceNumber
-..... -..... -		Batch	@ReferenceName	[0..1]	/Transmission/AccountSummary/Batch/@ReferenceName
-..... -..... -		Batch	@ReferenceCode	[0..1]	/Transmission/AccountSummary/Batch/@ReferenceCode
-..... -..... -		Batch	@ReferenceText	[0..1]	/Transmission/AccountSummary/Batch/@ReferenceText
-..... -..... -		Batch	@Code	[0..1]	/Transmission/AccountSummary/Batch/@Code
-..... -..... -		Batch	@Type	[0..1]	/Transmission/AccountSummary/Batch/@Type
-..... -..... -.....BusinessTransaction	[1..*]				/Transmission/AccountSummary/Batch/BusinessTransaction
-..... -..... -..... -		BusinessTransaction	@ID	[1..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/@ID
-..... -..... -..... -		BusinessTransaction	@TotalAmount	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/@TotalAmount
-..... -..... -..... -		BusinessTransaction	@TotalCount	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/@TotalCount
-..... -..... -..... -		BusinessTransaction	@CashlinkAccountNumber	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/@CashlinkAccountNumber
-..... -..... -..... -		BusinessTransaction	@AgencyAccountID	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/@AgencyAccountID
-..... -..... -..... -		BusinessTransaction	@IsUpdate	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/@IsUpdate
-..... -..... -..... -		BusinessTransaction	@InitiationDate	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/@InitiationDate
-..... -..... -..... -		BusinessTransaction	@InitialLocation	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/@InitialLocation
-..... -..... -..... -.....FinancialTransaction	[0..*]				/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction
-..... -..... -..... -..... -		FinancialTransaction	@ID	[1..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/@ID
-..... -..... -..... -..... -		FinancialTransaction	@Code	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/@Code
-..... -..... -..... -..... -		FinancialTransaction	@Type	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/@Type
-..... -..... -..... -..... -		FinancialTransaction	@SubType	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/@SubType
-..... -..... -..... -..... -		FinancialTransaction	@Status	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/@Status
-..... -..... -..... -..... -		FinancialTransaction	@ReferenceNumber	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/@ReferenceNumber
-..... -..... -..... -..... -		FinancialTransaction	@ReferenceName	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/@ReferenceName
-..... -..... -..... -..... -		FinancialTransaction	@ReferenceCode	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/@ReferenceCode

Path	Group Repeat	Element Name	Attribute Name	Use	XPath
..... ..... ..... .....		FinancialTransaction	@ReferenceText	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/@ReferenceText
..... ..... ..... .....		FinancialTransaction	@TraceNumber	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/@TraceNumber
..... ..... ..... .....		FinancialTransaction	@ChannelType	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/@ChannelType
..... ..... ..... .....		FinancialTransaction	@SettlementMechanism	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/@SettlementMechanism
..... ..... ..... .....		FinancialTransaction	@PaymentMedium	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/@PaymentMedium
..... ..... ..... .....		FinancialTransaction	@IsCredit	[1..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/@IsCredit
..... ..... ..... .....		FinancialTransaction	@IsRecurring	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/@IsRecurring
..... ..... ..... .....		FinancialTransaction	@IsTax	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/@IsTax
..... ..... ..... .....		FinancialTransaction	@IsAgencySubmitted	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/@IsAgencySubmitted
..... ..... ..... .....		FinancialTransaction	@SummaryDate	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/@SummaryDate
..... ..... ..... .....		FinancialTransaction	@SummaryNumber	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/@SummaryNumber
..... ..... ..... .....		FinancialTransaction	@AgencyLocationCode	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/@AgencyLocationCode
..... ..... ..... .....		FinancialTransaction	@OfficeLocationCode	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/@OfficeLocationCode
..... ..... ..... .....		FinancialTransaction	@TransactionDate	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/@TransactionDate
..... ..... ..... .....		FinancialTransaction	@SettlementDate	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/@SettlementDate
..... ..... ..... .....		FinancialTransaction	@DepositDate	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/@DepositDate
..... ..... ..... ..... .....Payer	[0..1]				/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payer
..... ..... ..... ..... .....Account	[0..1]				/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payer/Account
..... ..... ..... ..... ..... .....		Account	@AccountPartyName	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/@AccountPartyName
..... ..... ..... ..... ..... .....		Account	@IsCorporate	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/@IsCorporate
..... ..... ..... ..... ..... ..... .....BankInfo	[0..1]				/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/BankInfo
..... ..... ..... ..... ..... ..... .....		BankInfo	@BankName	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/BankInfo/@BankName
..... ..... ..... ..... ..... ..... .....		BankInfo	@BranchCode	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/BankInfo/@BranchCode
..... ..... ..... ..... ..... ..... .....		BankInfo	@ABA_Number	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/BankInfo/@ABA_Number
..... ..... ..... ..... ..... ..... .....		BankInfo	@AccountNumber	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/BankInfo/@AccountNumber

Path	Group Repeat	Element Name	Attribute Name	Use	XPath
					@AccountNumber
..... ..... ..... ..... ..... ..... .....		BankInfo	@CheckSerialNumber	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/BankInfo/@CheckSerialNumber
..... ..... ..... ..... ..... ..... .....		BankInfo	@CheckType	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/BankInfo/@CheckType
..... ..... ..... ..... ..... ..... .....		BankInfo	@CheckMediumType	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/BankInfo/@CheckMediumType
..... ..... ..... ..... ..... ..... .....		BankInfo	@IsNonDomestic	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/BankInfo/@IsNonDomestic
..... ..... ..... ..... ..... ..... ..... .....Image	[0..*]				/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/BankInfo/Image
..... ..... ..... ..... ..... ..... ..... .....		Image	@FileName	[1..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/BankInfo/Image/@FileName
..... ..... ..... ..... ..... ..... ..... .....Plastic	[0..1]				/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/Plastic
..... ..... ..... ..... ..... ..... ..... .....		Plastic	@MonthYearExpire	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/Plastic/@MonthYearExpire
..... ..... ..... ..... ..... ..... ..... .....		Plastic	@CardNumber	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/Plastic/@CardNumber
..... ..... ..... ..... ..... ..... ..... .....		Plastic	@CardType	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/Plastic/@CardType
..... ..... ..... ..... ..... ..... ..... .....		Plastic	@IsCredit	[1..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/Plastic/@IsCredit
..... ..... ..... ..... ..... ..... ..... .....		Plastic	@MerchantNumber	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/Plastic/@MerchantNumber
..... ..... ..... ..... ..... ..... ..... .....		Plastic	@MerchantCategoryCode	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/Plastic/@MerchantCategoryCode
..... ..... ..... ..... ..... ..... ..... .....Address	[0..1]				/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/Address
..... ..... ..... ..... ..... ..... ..... .....		Address	@IsNonDomestic	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/Address/@IsNonDomestic
..... ..... ..... ..... ..... ..... ..... .....AddressLine		Address/AddressLine		[0..5]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/Address/AddressLine
..... ..... ..... ..... ..... ..... ..... .....City		Address/City		[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/Address/City
..... ..... ..... ..... ..... ..... ..... .....State		Address/State		[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/Address/State
..... ..... ..... ..... ..... ..... ..... .....PostalCode		Address/PostalCode		[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/Address/PostalCode

Path	Group Repeat	Element Name	Attribute Name	Use	XPath
-.....-.....Country		Address/Country		[0..1]	action/FinancialTransaction/Payer/Account/Address/PostalCode /Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payer/Account/Address/Country
-.....-.....Agency	[0..1]	Agency		[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payer/Agency /Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payer/Agency/@AgencyName
-.....-.....-		Agency	@AgencyName	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payer/Agency/@AgencyIdentifier
-.....-.....-		Agency	@AgencyIdentifier	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payer/Agency/@BureauName
-.....-.....-		Agency	@BureauName	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payer/Agency/@BureauIdentifier
-.....-.....-		Agency	@BureauIdentifier	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payer/Agency/@AgencyLocationCode
-.....-.....-		Agency	@AgencyLocationCode	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payer/Agency/@OfficeLocationCode
-.....-.....-		Agency	@OfficeLocationCode	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payer/Agency/@CashFlowName
-.....-.....-		Agency	@CashFlowName	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payer/Agency/@CashFlowID
-.....-.....-		Agency	@CashFlowID	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payer/Agency/OrganizationLevels
-.....-.....OrganizationLevels	[0..1]	OrganizationLevels		[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payer/Agency/OrganizationLevels/@TotalCount
-.....-.....-		OrganizationLevels	@TotalCount	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payer/Agency/OrganizationLevels/OrganizationLevel
-.....-.....OrganizationLevel	[1..7]	OrganizationLevel		[1..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payer/Agency/OrganizationLevels/OrganizationLevel/@ID
-.....-.....-		OrganizationLevel	@ID	[1..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payer/Agency/OrganizationLevels/OrganizationLevel/@InternalOrganizationCode
-.....-.....-		OrganizationLevel	@InternalOrganizationCode	[1..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payer/Agency/OrganizationLevels/OrganizationLevel/@ReferenceName
-.....-.....-		OrganizationLevel	@ReferenceName	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payer/PartyIdentification
-.....-.....PartyIdentification	[0..1]	PartyIdentification		[1..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payer/PartyIdentification/@IdentificationType
-.....-.....-		PartyIdentification	@IdentificationType	[1..1]	

Path	Group Repeat	Element Name	Attribute Name	Use	XPath
-..... -..... -..... -..... -..... -..... -		PartyIdentification	@IdentificationNumber	[1..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payer/PartyIdentification/@IdentificationNumber
-..... -..... -..... -..... -.....Payee	[0..1]				/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payee
-..... -..... -..... -..... -.....Account	[0..1]				/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payee/Account
-..... -..... -..... -..... -..... -		Account	@AccountPartyName	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/@AccountPartyName
-..... -..... -..... -..... -..... -		Account	@IsCorporate	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/@IsCorporate
-..... -..... -..... -..... -..... -.....BankInfo	[0..1]				/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/BankInfo
-..... -..... -..... -..... -..... -..... -		BankInfo	@BankName	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/BankInfo/@BankName
-..... -..... -..... -..... -..... -..... -		BankInfo	@BranchCode	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/BankInfo/@BranchCode
-..... -..... -..... -..... -..... -..... -		BankInfo	@ABA_Number	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/BankInfo/@ABA_Number
-..... -..... -..... -..... -..... -..... -		BankInfo	@AccountNumber	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/BankInfo/@AccountNumber
-..... -..... -..... -..... -..... -..... -		BankInfo	@CheckSerialNumber	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/BankInfo/@CheckSerialNumber
-..... -..... -..... -..... -..... -..... -		BankInfo	@CheckType	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/BankInfo/@CheckType
-..... -..... -..... -..... -..... -..... -		BankInfo	@CheckMediumType	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/BankInfo/@CheckMediumType
-..... -..... -..... -..... -..... -..... -		BankInfo	@IsNonDomestic	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/BankInfo/@IsNonDomestic
-..... -..... -..... -..... -..... -..... -.....Image	[0..*]				/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/BankInfo/Image
-..... -..... -..... -..... -..... -..... -..... -		Image	@FileName	[1..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/BankInfo/Image/@FileName
-..... -..... -..... -..... -..... -..... -.....Plastic	[0..1]				/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/Plastic
-..... -..... -..... -..... -..... -..... -..... -		Plastic	@MonthYearExpire	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/Plastic/@MonthYearExpire
-..... -..... -..... -..... -..... -..... -..... -		Plastic	@CardNumber	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/Plastic/@CardNumber
-..... -..... -..... -..... -..... -..... -..... -		Plastic	@CardType	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/Plastic/@

Path	Group Repeat	Element Name	Attribute Name	Use	XPath
					CardType
-..... -..... -..... -..... -..... -..... -..... -		Plastic	@IsCredit	[1..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/Plastic/@IsCredit
-..... -..... -..... -..... -..... -..... -..... -		Plastic	@MerchantNumber	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/Plastic/@MerchantNumber
-..... -..... -..... -..... -..... -..... -..... -		Plastic	@MerchantCategoryCode	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/Plastic/@MerchantCategoryCode
-..... -..... -..... -..... -..... -..... -..... -.....Address	[0..1]				/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/Address
-..... -..... -..... -..... -..... -..... -..... -		Address	@IsNonDomestic	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/Address/@IsNonDomestic
-..... -..... -..... -..... -..... -..... -..... -.....AddressLine		Address/AddressLine		[0..5]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/Address/AddressLine
-..... -..... -..... -..... -..... -..... -..... -.....City		Address/City		[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/Address/City
-..... -..... -..... -..... -..... -..... -..... -.....State		Address/State		[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/Address/State
-..... -..... -..... -..... -..... -..... -..... -.....PostalCode		Address/PostalCode		[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/Address/PostalCode
-..... -..... -..... -..... -..... -..... -..... -.....Country		Address/Country		[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payee/Account/Address/Country
-..... -..... -..... -..... -..... -..... -..... -.....Agency	[0..1]				/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payee/Agency
-..... -..... -..... -..... -..... -..... -..... -		Agency	@AgencyName	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payee/Agency/@AgencyName
-..... -..... -..... -..... -..... -..... -..... -		Agency	@AgencyIdentifier	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payee/Agency/@AgencyIdentifier
-..... -..... -..... -..... -..... -..... -..... -		Agency	@BureauName	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payee/Agency/@BureauName
-..... -..... -..... -..... -..... -..... -..... -		Agency	@BureauIdentifier	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payee/Agency/@BureauIdentifier
-..... -..... -..... -..... -..... -..... -..... -		Agency	@AgencyLocationCode	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payee/Agency/@AgencyLocationCode
-..... -..... -..... -..... -..... -..... -..... -		Agency	@OfficeLocationCode	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payee/Agency/@OfficeLocationCode
-..... -..... -..... -..... -..... -..... -..... -		Agency	@CashFlowName	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payee/Agency/@CashFlowName
-..... -..... -..... -..... -..... -..... -..... -		Agency	@CashFlowID	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/FinancialTransaction/Payee/Agency/@CashFlowID



Path	Group Repeat	Element Name	Attribute Name	Use	XPath
-..... -..... -..... -.....AccountClassification	[0..*]				/Transmission/AccountSummary/Batch/BusinessTransaction/AccountClassification
-..... -..... -..... -..... -		AccountClassification	@TaxClassCode	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/AccountClassification/@TaxClassCode
-..... -..... -..... -..... -		AccountClassification	@TreasuryAccountSymbolText	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/AccountClassification/@TreasuryAccountSymbolText
-..... -..... -..... -..... -.....TreasuryAccountSymbol	[0..1]				/Transmission/AccountSummary/Batch/BusinessTransaction/AccountClassification/TreasuryAccountSymbol
-..... -..... -..... -..... -..... -		TreasuryAccountSymbol	@Sub-levelPrefixCode	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/AccountClassification/TreasuryAccountSymbol/@Sub-levelPrefixCode
-..... -..... -..... -..... -..... -		TreasuryAccountSymbol	@AllocationTransferAgencyIdentifier	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/AccountClassification/TreasuryAccountSymbol/@AllocationTransferAgencyIdentifier
-..... -..... -..... -..... -..... -		TreasuryAccountSymbol	@AgencyIdentifier	[1..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/AccountClassification/TreasuryAccountSymbol/@AgencyIdentifier
-..... -..... -..... -..... -..... -		TreasuryAccountSymbol	@BeginningPeriodOfAvailability	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/AccountClassification/TreasuryAccountSymbol/@BeginningPeriodOfAvailability
-..... -..... -..... -..... -..... -		TreasuryAccountSymbol	@EndingPeriodOfAvailability	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/AccountClassification/TreasuryAccountSymbol/@EndingPeriodOfAvailability
-..... -..... -..... -..... -..... -		TreasuryAccountSymbol	@AvailabilityTypeCode	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/AccountClassification/TreasuryAccountSymbol/@AvailabilityTypeCode
-..... -..... -..... -..... -..... -		TreasuryAccountSymbol	@MainAccountCode	[1..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/AccountClassification/TreasuryAccountSymbol/@MainAccountCode
-..... -..... -..... -..... -..... -		TreasuryAccountSymbol	@Sub-accountCode	[1..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/AccountClassification/TreasuryAccountSymbol/@Sub-accountCode
-..... -..... -..... -..... -.....BusinessEventType	[0..1]				/Transmission/AccountSummary/Batch/BusinessTransaction/AccountClassification/BusinessEventType
-..... -..... -..... -..... -..... -		BusinessEventType	@BusinessEventTypeCode	[1..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/AccountClassification/BusinessEventType/@BusinessEventTypeCode
-..... -..... -..... -..... -..... -		BusinessEventType	@BusinessEventTypeName	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/AccountClassification/BusinessEventType/@BusinessEventTypeName
-..... -..... -..... -..... -.....Ckey	[0..1]				/Transmission/AccountSummary/Batch/BusinessTransaction/AccountClassification/Ckey
-..... -..... -..... -..... -..... -		Ckey	@ClassName	[1..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/AccountClassification/Ckey/@ClassName
-..... -..... -..... -..... -..... -		Ckey	@ClassValue	[1..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/AccountClassification/Ckey/@ClassValue
-..... -..... -..... -..... -.....Classification	[1..1]				/Transmission/AccountSummary/Batch/BusinessTransaction/AccountClassification/Classification
-..... -..... -..... -..... -..... -		Classification	@Amount	[1..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/AccountClassification/Classification/@Amount
-..... -..... -..... -..... -..... -		Classification	@OriginalCurrencyCode	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/AccountClassification/Classification/@OriginalCurrencyCode

Path	Group Repeat	Element Name	Attribute Name	Use	XPath
-..... -..... -..... -..... -.....ProgramData	[0..1]				/Transmission/AccountSummary/Batch/BusinessTransaction/AccountClassification/ProgramData
-..... -..... -..... -..... -..... -		ProgramData	@ID	[1..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/AccountClassification/ProgramData/@ID
-..... -..... -..... -..... -..... -		ProgramData	@Count	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/AccountClassification/ProgramData/@Count
-..... -..... -..... -..... -..... -.....UserData	[0..*]				/Transmission/AccountSummary/Batch/BusinessTransaction/AccountClassification/ProgramData/UserData
-..... -..... -..... -..... -..... -..... -		*		[*]	/Transmission/AccountSummary/Batch/BusinessTransaction/AccountClassification/ProgramData/UserData/*
-..... -..... -..... -..... -..... -..... -		UserData	@*	[*]	/Transmission/AccountSummary/Batch/BusinessTransaction/AccountClassification/ProgramData/UserData/@*
-..... -..... -..... -..... -..... -..... -		UserData	@ID	[1..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/AccountClassification/ProgramData/UserData/@ID
-..... -..... -..... -..... -..... -..... -		UserData	@ReferenceNumber	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/AccountClassification/ProgramData/UserData/@ReferenceNumber
-..... -..... -..... -..... -..... -..... -		UserData	@ReferenceName	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/AccountClassification/ProgramData/UserData/@ReferenceName
-..... -..... -..... -..... -..... -..... -		UserData	@ReferenceCode	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/AccountClassification/ProgramData/UserData/@ReferenceCode
-..... -..... -..... -..... -..... -..... -		UserData	@ReferenceText	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/AccountClassification/ProgramData/UserData/@ReferenceText
-..... -..... -..... -..... -..... -..... -		UserData	@HasPrivacyData	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/AccountClassification/ProgramData/UserData/@HasPrivacyData
-..... -..... -..... -..... -.....ProgramData	[0..*]				/Transmission/AccountSummary/Batch/BusinessTransaction/ProgramData
-..... -..... -..... -..... -		ProgramData	@ID	[1..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/ProgramData/@ID
-..... -..... -..... -..... -		ProgramData	@Count	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/ProgramData/@Count
-..... -..... -..... -..... -.....UserData	[0..*]				/Transmission/AccountSummary/Batch/BusinessTransaction/ProgramData/UserData
-..... -..... -..... -..... -..... -		*		[*]	/Transmission/AccountSummary/Batch/BusinessTransaction/ProgramData/UserData/*
-..... -..... -..... -..... -..... -		UserData	@*	[*]	/Transmission/AccountSummary/Batch/BusinessTransaction/ProgramData/UserData/@*
-..... -..... -..... -..... -..... -		UserData	@ID	[1..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/ProgramData/UserData/@ID
-..... -..... -..... -..... -..... -		UserData	@ReferenceNumber	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/ProgramData/UserData/@ReferenceNumber
-..... -..... -..... -..... -..... -		UserData	@ReferenceName	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/ProgramData/UserData/@ReferenceName
-..... -..... -..... -..... -..... -		UserData	@ReferenceCode	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/ProgramData/UserData/@ReferenceCode
-..... -..... -..... -..... -..... -		UserData	@ReferenceText	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/ProgramData/UserData/@ReferenceText
-..... -..... -..... -..... -..... -		UserData	@HasPrivacyData	[0..1]	/Transmission/AccountSummary/Batch/BusinessTransaction/ProgramData/UserData/@HasPrivacyData

Path	Group Repeat	Element Name	Attribute Name	Use	XPath
-..... -..... -..... -.....TradingPartnerExtension	[0..1]				/Transmission/AccountSummary/Batch/BusinessTransaction/TradingPartnerExtension
-..... -..... -..... -..... -		*		[*]	/Transmission/AccountSummary/Batch/BusinessTransaction/TradingPartnerExtension/*
-..... -..... -..... -..... -		TradingPartnerExtension	@*	[*]	/Transmission/AccountSummary/Batch/BusinessTransaction/TradingPartnerExtension/@*
-..... -..... -.....Agency	[0..1]				/Transmission/AccountSummary/Batch/Agency
-..... -..... -..... -		Agency	@AgencyName	[0..1]	/Transmission/AccountSummary/Batch/Agency/@AgencyName
-..... -..... -..... -		Agency	@AgencyIdentifier	[0..1]	/Transmission/AccountSummary/Batch/Agency/@AgencyIdentifier
-..... -..... -..... -		Agency	@BureauName	[0..1]	/Transmission/AccountSummary/Batch/Agency/@BureauName
-..... -..... -..... -		Agency	@BureauIdentifier	[0..1]	/Transmission/AccountSummary/Batch/Agency/@BureauIdentifier
-..... -..... -..... -		Agency	@AgencyLocationCode	[0..1]	/Transmission/AccountSummary/Batch/Agency/@AgencyLocationCode
-..... -..... -..... -		Agency	@OfficeLocationCode	[0..1]	/Transmission/AccountSummary/Batch/Agency/@OfficeLocationCode
-..... -..... -..... -		Agency	@CashFlowName	[0..1]	/Transmission/AccountSummary/Batch/Agency/@CashFlowName
-..... -..... -..... -		Agency	@CashFlowID	[0..1]	/Transmission/AccountSummary/Batch/Agency/@CashFlowID
-..... -..... -..... -.....OrganizationLevels	[0..1]				/Transmission/AccountSummary/Batch/Agency/OrganizationLevels
-..... -..... -..... -..... -		OrganizationLevels	@TotalCount	[0..1]	/Transmission/AccountSummary/Batch/Agency/OrganizationLevels/@TotalCount
-..... -..... -..... -..... -.....OrganizationLevel	[1..7]				/Transmission/AccountSummary/Batch/Agency/OrganizationLevels/OrganizationLevel
-..... -..... -..... -..... -..... -		OrganizationLevel	@ID	[1..1]	/Transmission/AccountSummary/Batch/Agency/OrganizationLevels/OrganizationLevel/@ID
-..... -..... -..... -..... -..... -		OrganizationLevel	@InternalOrganizationCode	[1..1]	/Transmission/AccountSummary/Batch/Agency/OrganizationLevels/OrganizationLevel/@InternalOrganizationCode
-..... -..... -..... -..... -..... -		OrganizationLevel	@ReferenceName	[0..1]	/Transmission/AccountSummary/Batch/Agency/OrganizationLevels/OrganizationLevel/@ReferenceName
-..... -.....AccountClassification	[0..*]				/Transmission/AccountSummary/AccountClassification
-..... -..... -		AccountClassification	@TaxClassCode	[0..1]	/Transmission/AccountSummary/AccountClassification/@TaxClassCode
-..... -..... -		AccountClassification	@TreasuryAccountSymbolText	[0..1]	/Transmission/AccountSummary/AccountClassification/@TreasuryAccountSymbolText
-..... -..... -.....TreasuryAccountSymbol	[0..1]				/Transmission/AccountSummary/AccountClassification/TreasuryAccountSymbol
-..... -..... -..... -		TreasuryAccountSymbol	@Sub-levelPrefixCode	[0..1]	/Transmission/AccountSummary/AccountClassification/TreasuryAccountSymbol/@Sub-levelPrefixCode
-..... -..... -..... -		TreasuryAccountSymbol	@AllocationTransferAgencyIdentifier	[0..1]	/Transmission/AccountSummary/AccountClassification/TreasuryAccountSymbol/@AllocationTransferAgencyIdentifier
-..... -..... -..... -		TreasuryAccountSymbol	@AgencyIdentifier	[1..1]	/Transmission/AccountSummary/AccountClassification/TreasuryAccountSymbol/@AgencyIdentifier
-..... -..... -..... -		TreasuryAccountSymbol	@BeginningPeriodOfAvailability	[0..1]	/Transmission/AccountSummary/AccountClassification/TreasuryAccountSymbol/@BeginningPeriodOfAvailability

Path	Group Repeat	Element Name	Attribute Name	Use	XPath
-..... -..... -..... -		TreasuryAccountSymbol	@EndingPeriodOfAvailability	[0..1]	/Transmission/AccountSummary/AccountClassification/TreasuryAccountSymbol/@EndingPeriodOfAvailability
-..... -..... -..... -		TreasuryAccountSymbol	@AvailabilityTypeCode	[0..1]	/Transmission/AccountSummary/AccountClassification/TreasuryAccountSymbol/@AvailabilityTypeCode
-..... -..... -..... -		TreasuryAccountSymbol	@MainAccountCode	[1..1]	/Transmission/AccountSummary/AccountClassification/TreasuryAccountSymbol/@MainAccountCode
-..... -..... -..... -		TreasuryAccountSymbol	@Sub-accountCode	[1..1]	/Transmission/AccountSummary/AccountClassification/TreasuryAccountSymbol/@Sub-accountCode
-..... -..... -.....BusinessEventType	[0..1]	BusinessEventType			/Transmission/AccountSummary/AccountClassification/BusinessEventType
-..... -..... -..... -		BusinessEventType	@BusinessEventTypeCode	[1..1]	/Transmission/AccountSummary/AccountClassification/BusinessEventType/@BusinessEventTypeCode
-..... -..... -..... -		BusinessEventType	@BusinessEventTypeName	[0..1]	/Transmission/AccountSummary/AccountClassification/BusinessEventType/@BusinessEventTypeName
-..... -..... -.....Ckey	[0..1]	Ckey			/Transmission/AccountSummary/AccountClassification/Ckey
-..... -..... -..... -		Ckey	@ClassName	[1..1]	/Transmission/AccountSummary/AccountClassification/Ckey/@ClassName
-..... -..... -..... -		Ckey	@ClassValue	[1..1]	/Transmission/AccountSummary/AccountClassification/Ckey/@ClassValue
-..... -..... -.....Classification	[1..1]	Classification			/Transmission/AccountSummary/AccountClassification/Classification
-..... -..... -..... -		Classification	@Amount	[1..1]	/Transmission/AccountSummary/AccountClassification/Classification/@Amount
-..... -..... -..... -		Classification	@OriginalCurrencyCode	[0..1]	/Transmission/AccountSummary/AccountClassification/Classification/@OriginalCurrencyCode
-..... -..... -.....ProgramData	[0..1]	ProgramData			/Transmission/AccountSummary/AccountClassification/ProgramData
-..... -..... -..... -		ProgramData	@ID	[1..1]	/Transmission/AccountSummary/AccountClassification/ProgramData/@ID
-..... -..... -..... -		ProgramData	@Count	[0..1]	/Transmission/AccountSummary/AccountClassification/ProgramData/@Count
-..... -..... -..... -.....UserData	[0..*]	UserData			/Transmission/AccountSummary/AccountClassification/ProgramData/UserData
-..... -..... -..... -..... -		*		[*]	/Transmission/AccountSummary/AccountClassification/ProgramData/UserData/*
-..... -..... -..... -..... -		UserData	@*	[*]	/Transmission/AccountSummary/AccountClassification/ProgramData/UserData/@*
-..... -..... -..... -..... -		UserData	@ID	[1..1]	/Transmission/AccountSummary/AccountClassification/ProgramData/UserData/@ID
-..... -..... -..... -..... -		UserData	@ReferenceNumber	[0..1]	/Transmission/AccountSummary/AccountClassification/ProgramData/UserData/@ReferenceNumber
-..... -..... -..... -..... -		UserData	@ReferenceName	[0..1]	/Transmission/AccountSummary/AccountClassification/ProgramData/UserData/@ReferenceName
-..... -..... -..... -..... -		UserData	@ReferenceCode	[0..1]	/Transmission/AccountSummary/AccountClassification/ProgramData/UserData/@ReferenceCode
-..... -..... -..... -..... -		UserData	@ReferenceText	[0..1]	/Transmission/AccountSummary/AccountClassification/ProgramData/UserData/@ReferenceText
-..... -..... -..... -..... -		UserData	@HasPrivacyData	[0..1]	/Transmission/AccountSummary/AccountClassification/ProgramData/UserData/@HasPrivacyData
-..... -.....Agency	[0..1]	Agency			/Transmission/AccountSummary/Agency
-..... -..... -		Agency	@AgencyName	[0..1]	/Transmission/AccountSummary/Agency/@AgencyName

Path	Group Repeat	Element Name	Attribute Name	Use	XPath
-..... -..... -		Agency	@AgencyIdentifier	[0..1]	/Transmission/AccountSummary/Agency/@AgencyIdentifier
-..... -..... -		Agency	@BureauName	[0..1]	/Transmission/AccountSummary/Agency/@BureauName
-..... -..... -		Agency	@BureauIdentifier	[0..1]	/Transmission/AccountSummary/Agency/@BureauIdentifier
-..... -..... -		Agency	@AgencyLocationCode	[0..1]	/Transmission/AccountSummary/Agency/@AgencyLocationCode
-..... -..... -		Agency	@OfficeLocationCode	[0..1]	/Transmission/AccountSummary/Agency/@OfficeLocationCode
-..... -..... -		Agency	@CashFlowName	[0..1]	/Transmission/AccountSummary/Agency/@CashFlowName
-..... -..... -		Agency	@CashFlowID	[0..1]	/Transmission/AccountSummary/Agency/@CashFlowID
-..... -..... -.....OrganizationLevels	[0..1]				/Transmission/AccountSummary/Agency/OrganizationLevels
-..... -..... -..... -		OrganizationLevels	@TotalCount	[0..1]	/Transmission/AccountSummary/Agency/OrganizationLevels/@TotalCount
-..... -..... -..... -.....OrganizationLevel	[1..7]				/Transmission/AccountSummary/Agency/OrganizationLevels/OrganizationLevel
-..... -..... -..... -..... -		OrganizationLevel	@ID	[1..1]	/Transmission/AccountSummary/Agency/OrganizationLevels/OrganizationLevel/@ID
-..... -..... -..... -..... -		OrganizationLevel	@InternalOrganizationCode	[1..1]	/Transmission/AccountSummary/Agency/OrganizationLevels/OrganizationLevel/@InternalOrganizationCode
-..... -..... -..... -..... -		OrganizationLevel	@ReferenceName	[0..1]	/Transmission/AccountSummary/Agency/OrganizationLevels/OrganizationLevel/@ReferenceName
-..... -.....BankInfo	[0..1]				/Transmission/AccountSummary/BankInfo
-..... -..... -		BankInfo	@BankName	[0..1]	/Transmission/AccountSummary/BankInfo/@BankName
-..... -..... -		BankInfo	@BranchCode	[0..1]	/Transmission/AccountSummary/BankInfo/@BranchCode
-..... -..... -		BankInfo	@ABA_Number	[0..1]	/Transmission/AccountSummary/BankInfo/@ABA_Number
-..... -..... -		BankInfo	@AccountNumber	[0..1]	/Transmission/AccountSummary/BankInfo/@AccountNumber
-..... -..... -		BankInfo	@CheckSerialNumber	[0..1]	/Transmission/AccountSummary/BankInfo/@CheckSerialNumber
-..... -..... -		BankInfo	@CheckType	[0..1]	/Transmission/AccountSummary/BankInfo/@CheckType
-..... -..... -		BankInfo	@CheckMediumType	[0..1]	/Transmission/AccountSummary/BankInfo/@CheckMediumType
-..... -..... -		BankInfo	@IsNonDomestic	[0..1]	/Transmission/AccountSummary/BankInfo/@IsNonDomestic
-..... -..... -.....Image	[0..*]				/Transmission/AccountSummary/BankInfo/Image
-..... -..... -..... -		Image	@FileName	[1..1]	/Transmission/AccountSummary/BankInfo/Image/@FileName
-..... -.....ForeignCurrency	[0..1]				/Transmission/AccountSummary/ForeignCurrency
-..... -..... -		ForeignCurrency	@ExchangeRate	[1..1]	/Transmission/AccountSummary/ForeignCurrency/@ExchangeRate
-..... -..... -		ForeignCurrency	@ReferenceCode	[0..1]	/Transmission/AccountSummary/ForeignCurrency/@ReferenceCode
-..... -.....ProgramData	[0..1]				/Transmission/AccountSummary/ProgramData

Path	Group Repeat	Element Name	Attribute Name	Use	XPath
-..... -..... -		ProgramData	@ID	[1..1]	/Transmission/AccountSummary/ProgramData/@ID
-..... -..... -		ProgramData	@Count	[0..1]	/Transmission/AccountSummary/ProgramData/@Count
-..... -..... -.....UserData	[0..*]				/Transmission/AccountSummary/ProgramData/UserData
-..... -..... -..... -		*		[*]	/Transmission/AccountSummary/ProgramData/UserData/*
-..... -..... -..... -		UserData	@*	[*]	/Transmission/AccountSummary/ProgramData/UserData/@*
-..... -..... -..... -		UserData	@ID	[1..1]	/Transmission/AccountSummary/ProgramData/UserData/@ID
-..... -..... -..... -		UserData	@ReferenceNumber	[0..1]	/Transmission/AccountSummary/ProgramData/UserData/@ReferenceNumber
-..... -..... -..... -		UserData	@ReferenceName	[0..1]	/Transmission/AccountSummary/ProgramData/UserData/@ReferenceName
-..... -..... -..... -		UserData	@ReferenceCode	[0..1]	/Transmission/AccountSummary/ProgramData/UserData/@ReferenceCode
-..... -..... -..... -		UserData	@ReferenceText	[0..1]	/Transmission/AccountSummary/ProgramData/UserData/@ReferenceText
-..... -..... -..... -		UserData	@HasPrivacyData	[0..1]	/Transmission/AccountSummary/ProgramData/UserData/@HasPrivacyData
-..... -.....TradingPartnerExtension	[0..1]				/Transmission/AccountSummary/TradingPartnerExtension
-..... -..... -		*		[*]	/Transmission/AccountSummary/TradingPartnerExtension/*
-..... -..... -		TradingPartnerExtension	@*	[*]	/Transmission/AccountSummary/TradingPartnerExtension/@*