



INTEGRATED RESOURCE INFORMATION SYSTEM  
PROJECT

JV Interface Design Document Template – XML  
Deliverable # 15 Interface Specifications

September 20, 2013  
VERSION 0.1  
SOA Internal Use Only

# TABLE OF CONTENTS

- 1 Introduction..... 3**
- 2 Interface Specifications ..... 4**
  - 2.1 [Interface Name – Interface #]..... 4
  - 2.2 Assumptions..... 4
  - 2.3 Additional Information ..... 4
- 3 File Specifications..... 4**
  - 3.1 Journal Voucher (JV) Transaction Layouts..... 4
    - 3.1.1 JV Document Component: AMS\_DOC\_XML\_IMPORT\_FILE..... 6
    - 3.1.2 JV Document Component: AMS\_DOCUMENT..... 6
    - 3.1.3 JV Document Component: JV\_DOC\_HDR..... 7
    - 3.1.4 JV Document Component: JV\_DOC\_LNGRP..... 10
    - 3.1.5 JV Document Component: JV\_DOC\_ACTG ..... 13
    - 3.1.6 Trailer Record..... 22
- 4 Technical Specifications..... 22**
- 5 Appendices ..... 23**
  - 5.1 Appendix A – JV XML Samples..... 23
  - 5.2 Appendix B – General XML Specifications for IRIS..... 23

# 1 INTRODUCTION

The IRIS Journal Voucher (JV) Document Type is a document that is not based on a single business function. The primary use of the Journal Voucher is to record accounting activities that cannot be accomplished with other documents or do not fit the business function of any other document. The only updates made by this document are to reference queries, accounting control tables, budgets, and journals.

This document type contains several delivered document codes. Many of these codes relate to a batch program that is creating journal vouchers for a specific processing need. The standard JV document is used for data entry where an event type is required to control posting code entry. For IRIS, there are two JV documents that are mainly used for inbound interfaces. These are Advanced Journal Voucher (JVA) and Cost Accounting Journal Voucher (JVC) documents. The JVA document is used for data entry where an event type is not required to control posting code entry. The JVC document is used for the Reimbursable Expense Adjustment chain job to adjust funding lines to defined percentages.

Currently in AKSAS, Journal entries are user-defined, balanced debit and credit entries used to record increases and decreases in the balances of fund assets, liabilities, and equities; correct processed transactions; liquidate or adjust the liquidation of open items; and other cost distribution and fund management activities. There are three types of journal entry transactions: agency journal entries, treasury journal entries, and finance journal entries. There is also Time and Equipment entries that are used only by Department of Transportation & Public Facilities (DOT &PF).

- Agency Journal Entries - Agency journal entries (430-xx) are balanced debit and credit entries used by agencies to record adjustments or corrections to processed transactions and to record interagency transfers. Agency journal entries are commonly used to:
  - Correct financial coding on processed warrant transactions.
  - Record, adjust, and liquidate accounts receivable or accounts payable open items.
  - Record an interagency transfer.
  - Clear items posted to suspense such as prepayments, canceled warrants, and payroll exceptions.
- Treasury Journal Entries - Treasury journal entries (410-xx) are balanced debit and credit entries used for cash management, investment, and other fund management activities affecting Treasury Pool Funds (the investment pools associated with the operating funds of the state) and the specifically invested funds managed by the Treasury Division. Except for wire transfers, treasury journal entry transactions are recorded only by the Department of Revenue, Treasury Division. Wire transfers can be recorded by all agencies
- Finance Journal - Finance journal entries (410-xx) are balanced debit and credit entries used by the Division of Finance and authorized agencies to record special adjustments such as period-end accruals or to adjust balances between posting types. These transactions record changes between funds, appropriations, and other entities in the financial reporting structures for a specific posting month and/or posting type.
- Time and Equipment - Time and Equipment (T&E) processing calculates direct and indirect costs related to hours worked, equipment usage, and other work units reported on time sheets, and distributes the costs through AKSAS reporting structures according to the financial coding on the time sheet. Time and Equipment journal entries (450-xx) are currently used only by the Department of Transportation & Public Facilities.

## 2 INTERFACE SPECIFICATIONS

### 2.1 [INTERFACE NAME – INTERFACE #]

This section should contain a description of the specific interface and any information relative to the interface, such as schedule, volume, etc.

### 2.2 ASSUMPTIONS

This interface will be developed under the following assumptions:

- List all assumption related to the specific interface...

### 2.3 ADDITIONAL INFORMATION

This section is for any additional information gathered about the specific interface. This could include the file naming convention, original file layout sample, etc.

Volume

Cut-Over

## 3 FILE SPECIFICATIONS

The following sections describe in detail the specifications of the Journal Voucher (JV) document inbound interface template.

### 3.1 JOURNAL VOUCHER (JV) TRANSACTION LAYOUTS

The JV transaction consists of 5 required components. Exhibit 1 is a graphical representation of all components, the action explaining whether its inclusion is required or not, and its description. Exhibit 2 further illustrates the JV document showing that it will have one AMS\_DOCUMENT record, one JV\_DOC\_HDR, one or more JV\_DOC\_LNGRP lines that can have one or more JV\_DOC\_ACTG records associated with each line group, and one Trailer record. The remaining sections explain each component that constitutes a complete XML based JV document.

As noted, the JV document will allow one or more line group records per document. The structure of an interface file with 2 JV documents where each document is associated with one or more line group records and one or more accounting records for each line group record will be as follows:

Document record #1	Document record #2
Header record	Header record
Line Group record 1	Line Group record 1
Accounting record 1	Accounting record 1
Accounting record 2	Accounting record 2

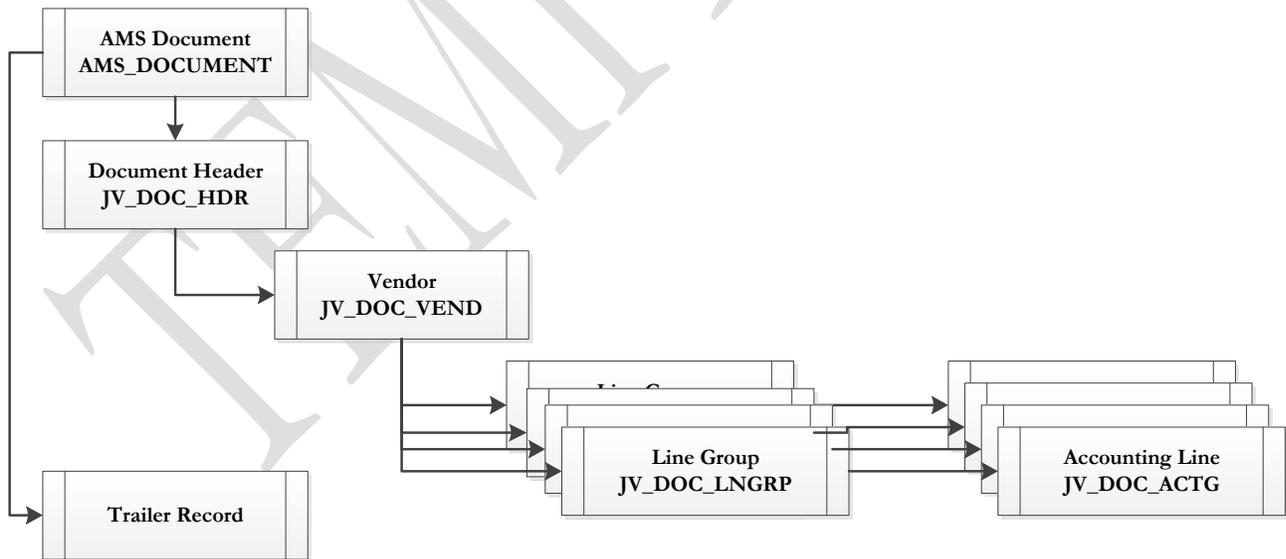
Trailer record

Line Group record 2  
 Accounting record 1  
 Accounting record 2  
 Trailer record

**Exhibit 1 JV Transaction Required XML Components**

	Action	
	Original entry	Component description
AMS_DOC_XML_IMPORT_FILE	Required	Unique Tag used to identify the beginning and ending of an inbound XML interface file.
AMS_DOCUMENT	Required	Unique Tag used to identify the beginning and ending of a document within an inbound XML interface file.
JV_DOC_HDR	Required	Unique Tag used to identify the beginning and ending of a header component within a document.
JV_DOC_LNGRP	Required	Unique Tag used to identify the grouping of accounting lines.
JV_DOC_ACTG	Required	Unique Tag used to identify the beginning and ending of an accounting line within a document.
Trailer record	Required	Trailer record containing reconciliation totals.

**Exhibit 2 JV Document Components**



### 3.1.1 JV DOCUMENT COMPONENT: AMS\_DOC\_XML\_IMPORT\_FILE

The following XML tags are a requirement for any XML file being submitted into the IRIS system. See Appendix A for an example of a fully qualified JVA and JVC XML example:

XML Tag	Description	R/C
AMS_DOC_XML_IMPORT_FILE	Required XML beginning and ending tag for a base JV document	R

### 3.1.2 JV DOCUMENT COMPONENT: AMS\_DOCUMENT

The following XML tags are a requirement for any XML file being submitted into the IRIS system. See Appendix A for an example of a fully qualified JVA and JVC XML example:

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
			DOC_CAT	Document Category	The category in which the document is located.	R	VARCHAR2	8	'JV'
			DOC_TYP	Document Type	The type of document, defined in the Document Type table. Each document code must be assigned a document type.	R	VARCHAR2	8	'JV'
			DOC_CD	Document Code	The alpha-numeric code that indicates the type of transaction.	R	VARCHAR2	8	'JVA' or 'JVC' depending on intended document usage.
			DOC_DEPT_CD	Department Code	The department code assigned to this document.	R	VARCHAR2	4	Must be valid on Department Fiscal Year Controls table.
			DOC_UNIT_CD	Document Unit	The unit code associated with this document, which can be used to facilitate workflow.	R	VARCHAR2	4	Valid Unit Code on the Unit table.
			DOC_ID	Document ID	The unique document number assigned for this transaction.	R	VARCHAR2	20	Leave Blank if AUTO_DOC_NUM set to "true".
			DOC_VERS_NO	Document Version Number	The version number assigned to this document.	R	NUMBER	2	Set to "1".

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
			AUTO_DOC_NUM	Automatic Document Numbering	Indicates that system will assign a unique Document ID: "true" for system assigned Document ID number or "false" for no system assigned Document ID Number.	R	VARCHAR2	5	
			DOC_IMPORT_MODE	Document Import Mode	Indicates that the document is being made as an Original Entry "OE".	R	VARCHAR2	3	Set to "OE" for Original Entry

### 3.1.3 JV DOCUMENT COMPONENT: JV\_DOC\_HDR

The following XML tags are a requirement for JV documents being submitted into the IRIS system. See Appendix A for an example of a fully qualified JVA and JVC XML example:

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
			DOC_CAT	Document Category	The category in which the document is located.	R	VARCHAR2	8	Same as defined in AMS_DOCUMENT
			DOC_TYP	Document Type	The type of document, defined in the Document Type table. Each document code must be assigned a document type.	R	VARCHAR2	8	Same as defined in AMS_DOCUMENT
			DOC_CD	Document Code	The alpha-numeric code that indicates the type of transaction.	R	VARCHAR2	8	Same as defined in AMS_DOCUMENT
			DOC_DEPT_CD	Document Dept	The department code assigned to this document.	R	VARCHAR2	4	Same as defined in AMS_DOCUMENT
			DOC_UNIT_CD	Document Unit	The unit code associated with this document which can be used to facilitate workflow.	R	VARCHAR2	4	Same as defined in AMS_DOCUMENT

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
			DOC_ID	Document ID	The unique document number assigned for this transaction.	R	VARCHAR2	20	Same as defined in AMS_DOCUMENT
			DOC_VERS_NO	Document Version Number	The version number assigned to this document.	R	NUMBER	2	Same as defined in AMS_DOCUMENT
			DOC_REC_DT_DC	Record Date	The record date manually entered on the document header. If not manually entered, the date becomes the one when the document was submitted successfully.	O	DATE	10	If left blank, the system will default it to the current date. If provided, the format of this date is "YYYY-MM-DD". Example: "2004-10-30".
			DOC_BFY	Budget FY	When on the header of a document, this is the default budget fiscal year that will be pushed to all accounting lines.	CR	NUMBER	4	If left blank, the system will populate it with the Fiscal Year of the Record Date on associated document. If provided, must be valid on the Fiscal Year table and follow the format "YYYY".
			DOC_FY_DC	Fiscal Year	The fiscal year associated with this document.	CR	NUMBER	4	If left blank, the system will populate it with the Fiscal Year of the Record Date on associated document. If provided, must be valid on the Fiscal Year table and follow the format "YYYY".
			DOC_PER_DC	Period	When on the header of a document, this is the default accounting period that is pushed to all accounting lines. If not manually entered, the field remains blank until the document is submitted successfully. At this point it is set to the current accounting period.	CR	NUMBER	2	If left blank, the system will populate it with the Fiscal Period of the Record Date on associated document.
			DOC_NM	Document Name	Name for the document.	O	VARCHAR2	60	

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
			DOC_DSCR	Document Description	The description associated with the document.	O	VARCHAR2	60	
			EXT_JV_DESC	Extended Description	A free-form text field that will hold a large volume of information to be associated with a document component. It is larger than the regular description field, but still limited unlike attachments.	O	VARCHAR2 (1500)	1500	
			RVRSL_DT	Reversal Date	A future date specified for the system to create a reversing journal voucher.	O	DATE	10	Leave blank.
			RVRSL_HLD_FL	Create Reversal Document on Hold	A control that will ensure that a reversing journal voucher will be created on hold so that it will not be immediately processed.	O	FLAG	1	Leave blank or Default to 0 (FALSE).
			BUD_ED_SKP_ALW_FL	Budget Control Level Reduction	Centrally controlled element. Indicates whether a document is specified to override any budget edits that the document might have failed otherwise.	O	FLAG	1	Leave blank or Default to 0 (FALSE).
			FBAL_ED_SKP_ALW_FL	Fund Balance Control Level Reduction	Centrally controlled element. When true this flag reduces the level of control defined for a fund on the Fund Balance Maintenance table one level.	O	FLAG	1	Leave blank or Default to 0 (FALSE).
			CBAL_ED_SKP_ALW_FL	Cash Balance Control Level Reduction	Centrally controlled element. Indicates if error checking can be turned off for cash balance amount edits.	O	FLAG	1	Leave blank or Default to 0 (FALSE).

### 3.1.4 JV DOCUMENT COMPONENT: JV\_DOC\_LNGRP

The following XML tags are a requirement for JV documents being submitted into the IRIS system. See Appendix A for an example of a fully qualified JVA and JVC XML example:

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
			DOC_CAT	Document Category	The category in which the document is located. This code must be valid on the Document Category table.	R	VARCHAR2	8	Same value as in AMS_DOCUMENT
			DOC_TYP	Document Component Type	The type of document. This code must be valid value on the Document Type table.	R	VARCHAR2	8	Same value as in AMS_DOCUMENT
			DOC_CD	Document Code	The code that indicates the type of transaction. This code must be valid value on the Document Code table.	R	VARCHAR2	8	Same value as in AMS_DOCUMENT
			DOC_DEPT_CD	Department	The department code assigned to this document. Must be valid on the Department table.	R	VARCHAR2	4	Same value as in AMS_DOCUMENT
			DOC_UNIT_CD	Document Unit Code	The unit code associated with this document.	O	VARCHAR2	4	Same value as in AMS_DOCUMENT
			DOC_ID	Document ID	The document code and number that is either manually assigned or automatically generated by IRIS.	R	VARCHAR2	20	Same value as in AMS_DOCUMENT
			DOC_VERS_NO	Document Version	The version number assigned to this document.	R	NUMBER	10	Same value as in AMS_DOCUMENT
			DOC_LNGRP_NO	Document Line group number	The line group number visible to a user that uniquely identifies each line group line within a document.	R	NUMBER	19	Populate with "1"
			LNGRP_ID	Document Line group	A unique ID within a journal voucher document given to a line group.	R	NUMBER	10	Populate with "1" for first line group. Populate with "2" for second line group. Continue incrementing by one for each additional line group.

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
			LNGRP_DSCR	Line Group Description	Optional description that applies to a line group on a journal voucher and all the journal voucher lines that belong to that line group.	O	VARCHAR2	60	
			EVNT_TYP_ID	Event Type	<p>Event Type determines the journal postings and business rules for a particular transaction.</p> <p>The JVC document requires an Event Type and the JVA document does not, but if an Event Type is not used on the JVA document, then the debit and credit Posting Pairs are required.</p>	O for JVA or R for JVC	VARCHAR2	4	Must be a valid value on (AETDC) table.
			PSTNG_PR_TYP	Posting Pair	<p>A posting pair ID is a unique ID assigned to a debt and/or credit posting code. They are defined for each event category. Normally not seen on documents, this ID is visible on the journal voucher line group. Every posting line has a posting pair ID which can be used to help identify what a posting line is doing in accounting terms. This posting pair ID is always written to journals, and can optionally be written to ledgers.</p> <p>The JVC document requires Posting Pairs and the JVA document requires the debit and credit Posting Pairs if an Event Type is not used on the JVA document.</p>	CR for JVA or R for JVC	VARCHAR2	1	The JVC document requires Posting Pairs and the JVA document requires the debit and credit Posting Pairs if an Event Type is not used on the JVA document.

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
			VEND_CUST_CD	Vendor Customer	The unique identifier assigned to the vendor/customer. In IRIS Financial, a vendor can also be a customer, allowing you to enter information only one time when a particular contact is both a vendor (payable) and a customer (receivable).	O	VARCHAR2	20	Leave Blank
			LGL_NM	Legal Name	The legally defined name of the company or individual represented by this record. The field is used for reporting if defined as not alias/DBA. If a miscellaneous vendor is used, this field is required.	O	VARCHAR2	60	Leave Blank
			RF_TYP	Ref Type	Defines the type of reference being performed against the specified referenced IRIS transaction line. "Final" closes the referenced line, meaning additional references are not allowed. "Partial" and "Memo" do not close the referenced line, allowing additional transactions to reference this line.	O	NUMBER	1	Leave blank
			RFED_DOC_CD	Ref Doc Code	The document code from the referenced IRIS document.	P	VARCHAR2	8	Leave blank.
			RFED_DOC_DEPT_CD	Ref Doc Dept	Department code that is part of the complete document identification of a referenced IRIS document.	P	VARCHAR2	4	Leave blank.
			RFED_DOC_ID	Ref Doc Id	The document identification code from the referenced IRIS document.	P	VARCHAR2	20	Leave blank.

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
			RFED_VEND_LN_NO	Ref Vendor Line	The vendor line number from the referenced IRIS document.	P	NUMBER	10	Leave blank.
			RFED_COMM_LN_NO	Ref Commodity Line	The commodity line number from the referenced IRIS number.	O	NUMBER	10	Leave Blank
			RFED_ACTG_LN_NO	Ref Accounting Line	The accounting line number from the referenced IRIS document.	O	NUMBER	10	Leave Blank
			DOC_LNGRP_LN_NO	Document Line Group Line Number	Sequential number starting at 1 assigned by the interfacing system for each line group. This is the number displayed in the Line Group grid.	R	NUMBER	10	Set to 1.

### 3.1.5 JV DOCUMENT COMPONENT: JV\_DOC\_ACTG

The following XML tags are a requirement for JV documents being submitted into the IRIS system. See Appendix A for an example of a fully qualified JVA and JVC XML example:

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
			DOC_CAT	Document Category	The category in which the document is located.	R	VARCHAR2	8	Same as defined in AMS_DOCUMENT
			DOC_TYP	Document Component Type	The type of document, defined in the Document Type table. Each document code must be assigned a document type.	R	VARCHAR2	8	Same as defined in AMS_DOCUMENT
			DOC_CD	Document Code	The alpha-numeric code that indicates the type of transaction.	R	VARCHAR2	8	Same as defined in AMS_DOCUMENT
			DOC_DEPT_CD	Department	The department code assigned to this document.	R	VARCHAR2	4	Same as defined in AMS_DOCUMENT

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
			DOC_UNIT_CD	Document Unit Code	The unit code associated with this document.	R	VARCHAR2	4	Same as defined in AMS_DOCUMENT
			DOC_ID	Document ID	The unique document number assigned for this transaction.	R	VARCHAR2	20	Same as defined in AMS_DOCUMENT
			DOC_VERS_NO	Document Version	The version number assigned to this document.	R	NUMBER	2	Same as defined in AMS_DOCUMENT
			DOC_LNGRP_NO	Document Line group number	The line group number visible to a user that uniquely identifies each line group line within a document.	R	NUMBER	19	Populate with "1"
			DOC_ACTG_LN_NO	Accounting Line	The accounting line number visible to a user that uniquely identifies each accounting line within a document.	R	NUMBER	10	Must be between 1 and 99.
			PSCD_ID	Posting Code	Each event type has one unique posting code pair allowed to be used. Use one of the posting codes for this entry.	R	VARCHAR2	4	For the debit entry, populate with the appropriate posting code. For the credit entry populate with the appropriate posting code.
			ACTG_TMPL_ID	Accounting Template	The unique identification code assigned to the accounting template. Accounting templates are used to bring in chart of account element codes for ease of data entry on documents.	O	VARCHAR2	6	Must be a valid value on the Accounting Template (ACTPL) table
			ACTG_LN_DSCR	Line Description	The description associated with the line. This description is posted to the accounting journal and is available for reporting.	O	VARCHAR2	100	Department may provide Accounting Line Description in this data element.
			DR_AM	Debit Amount	The amount to be debited to an account	R	DECIMAL	14,2	Populate this field for any debit entry.  To specify a debit amount of 3,000.13 the following is the format: Example: " 3000.13"

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
			CR_AM	Credit Amount	Amount entered on a journal voucher line to credit the journal voucher	R	DECIMAL	14,2	Populate this field for any credit entry. To specify a credit amount of 3,000.13 the following is the format: Example: " 3000.13"
			DOC_BFY	Budget FY	When on the header of a document, this is the default budget fiscal year that will be pushed to all accounting lines.	CR	NUMBER	4	If left blank, the system will populate it with the Fiscal Year of the Record Date on associated document. If provided, must be valid on the Fiscal Year table and follow the format "YYYY".
			DOC_FY_DC	Fiscal Year	The fiscal year associated with this document.	CR	NUMBER	4	If left blank, the system will populate it with the Fiscal Year of the Record Date on associated document. If provided, must be valid on the Fiscal Year table and follow the format "YYYY".
			DOC_PER_DC	Period	When on the header of a document, this is the default accounting period that is pushed to all accounting lines. If not manually entered, the field remains blank until the document is submitted successfully. At this point it is set to the current accounting period.	CR	NUMBER	2	If left blank, the system will populate it with the Fiscal Period of the Record Date on associated document.
			BANK_ACCT_CD	Bank Account	The unique identification code associated with the bank account. A bank account code is used in place of the actual bank account to eliminate the need to post actual bank account numbers throughout the system.	R	VARCHAR2	4	Must be valid on the (BANK) table.

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
			RFED_DOC_CD	Ref Doc Code	The document code from the referenced IRIS document.	P	VARCHAR2	8	Leave blank.
			RFED_DOC_DEPT_CD	Ref Doc Dept	Department code that is part of the complete document identification of a referenced IRIS document.	P	VARCHAR2	4	Leave blank.
			RFED_DOC_ID	Ref Doc Id	The document identification code from the referenced IRIS document.	P	VARCHAR2	20	Leave blank.
			RFED_VEND_LN_NO	Ref Vendor Line	The vendor line number from the referenced IRIS document.	P	NUMBER	10	Leave blank.
			RFED_COMM_LN_NO	Ref Commodity Line	The commodity line number from the referenced IRIS number.	O	NUMBER	10	Leave Blank
			RFED_ACTG_LN_NO	Ref Accounting Line	The accounting line number from the referenced IRIS document.	O	NUMBER	10	Leave Blank
			RF_TYP	Ref Type	Defines the type of reference being performed against the specified referenced IRIS transaction line. "Final" closes the referenced line, meaning additional references are not allowed. "Partial" and "Memo" do not close the referenced line, allowing additional transactions to reference this line.	P	NUMBER	1	Leave blank.
			FUND_CD	Fund	The identification code associated with the fund.	O	VARCHAR2	4	If provided, must be valid on Fund (FUND) table.
			SFUND_CD	Sub Fund	The identification code associated with the sub-fund.	O	VARCHAR2	4	If entered, must be valid on the Sub Fund table. To enter a Sub Fund Code, the Fund Code must be entered.

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
			DEPT_CD	Department	An identification code associated with a department.	O	VARCHAR2	4	If entered, must be valid on Department Fiscal Year Controls table.
			UNIT_CD	Unit	An identification code associated with a Unit.	O	VARCHAR2	4	If entered, must be valid on the Unit table.
			SUNIT_CD	Sub Unit	Sub Unit is a means of breaking down a unit code into smaller measurements. It is the lowest level of organizational structure and is required or prohibited based on one or more sub unit requirement tables.	O	VARCHAR2	4	If entered, must be valid on the Sub Unit table. To enter a Sub Unit Code, the Unit Code must be entered.
			APPR_CD	Appr Unit	The identification code associated to an appropriation unit.	O	VARCHAR2	9	If entered, must be valid on the Appropriation table.
			APTYP_CD	Appr Type	The type code associated with the appropriation unit. This code groups the appropriation units you defined on the Appropriation Unit page for reporting purposes.	O	VARCHAR2	4	If entered, must be valid on the Appropriation table.
			APGRP_CD	Appr Group	The group code associated with the appropriation. This code groups the appropriations you defined on the Appropriation Unit page for reporting purposes.	O	VARCHAR2	4	If entered, must be valid on the Appropriation table.
			OBJ_CD	Object	The identification code associated with an object of expenditure.	O	VARCHAR2	4	If provided, must be valid on the Object table.
			SOBJ_CD	Sub Object	The identification code associated with the sub-object. Sub-object is a fund accounting Chart of Accounts element.	O	VARCHAR2	4	If entered, must be valid on the Sub Object table. To enter a Sub Object Code, the Object Code must be entered.

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
			OTYP_CD	Object Type	The identification code associated with the object type. This code groups objects for reporting purposes.	O	VARCHAR2	4	If provided, must be valid on the Object table.
			OGRP_CD	Object Group	The identification code associated with the object group. This code groups objects for reporting purposes.	O	VARCHAR2	4	If provided, must be valid on the Object table.
			RSRC_CD	Revenue	Revenue sources are used to track individual sources of revenue taken in.	O	VARCHAR2	4	If provided, must be valid on the Revenue table.
			SRSRC_CD	Sub Revenue	The identification code associated with the sub revenue source account.	O	VARCHAR2	4	If entered, must be valid on the Sub Revenue Source table. To enter a Sub Revenue Source Code, the Revenue Source Code must be entered.
			RSTYP_CD	Revenue Type	The identification code assigned to the revenue source type. This code groups revenue sources for reporting purposes.	O	VARCHAR2	4	If provided, must be valid on the Revenue table.
			MNR_CRTYP_CD	Minor CAFR Revenue Type	The identification code assigned to the minor CAFR revenue type. This code groups revenue source types for reporting.	O	VARCHAR2	4	If provided, must be valid on the Revenue table.
			BSA_CD	BSA	The identification code assigned to the balance sheet account.	O	VARCHAR2	4	If entered, must be valid on Balance Sheet Account (BSA) table.
			SBSA_CD	Sub BSA	The identification code assigned to the sub-balance sheet account.	O	VARCHAR2	4	If entered, must be valid on the Sub BSA table. To enter a Sub BSA Code, the BSA Code must be entered.

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
			OBSA_CD	OBSA	The balance sheet account code to which the offset is posted. In most cases, there is a default established for this code; however, certain documents will allow users to manually enter a value to be used other than the default.	O	VARCHAR2	4	Leave blank.
			OSBSA_CD	Sub OBSA	The sub-balance sheet account to which the offset is posted.	O	VARCHAR2	4	Leave blank.
			DOBJ_CD	Dept Object	The identification code assigned to the Department object.	O	VARCHAR2	4	If entered, must be valid on the Department Object table.
			DRSRC_CD	Dept Revenue	The code assigned to the department revenue source.	O	VARCHAR2	4	If entered, must be valid on the Department Revenue Source table.
			IG_FUND_CD	Internal Fund	The fund code assigned to the intra-governmental transaction.	O	VARCHAR2	4	Leave blank
			IG_SFUND_CD	Internal Sub Fund	The sub fund assigned to the intra-governmental transaction.	O	VARCHAR2	4	Leave blank
			IG_DEPT_CD	Internal Dept	The department code assigned to the intra-governmental transaction.	O	VARCHAR2	4	Leave blank
			FUNC_CD	Function	The identification code associated with the function. The function code defines broad operational objectives, such as instruction, support services, and facilities acquisition.	O	VARCHAR2	10	If entered, must be valid on the Function table.

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
			SFUNC_CD	Sub Function	The identification code associated with the sub-function.	O	VARCHAR2	4	If entered, must be valid on the Sub Function table. To enter a Sub Function Code, the Function Code must be entered.
			LOC_CD	Location	The identification code assigned to the location.	O	VARCHAR2	4	If entered, must be valid on the Location table.
			SLOC_CD	Sub Location	The identification code associated with the sub-location.	O	VARCHAR2	4	If entered, must be valid on the Sub Location table. To enter a Sub Location Code, the Location Code must be entered.
			ACTV_CD	Activity	The identification code associated with the activity.	O	VARCHAR2	4	If entered, must be valid on the Activity table.
			SACTV_CD	Sub Activity	The identification code associated with the sub-activity.	O	VARCHAR2	4	If entered, must be valid on the Sub Activity table. To enter a Sub Activity Code, the Activity Code must be entered.
			RPT_CD	Reporting	The reporting code element is used for tracking contract activity. The contract number will be entered in this field.	O	VARCHAR2	10	If entered, must be valid on the Reporting Code table.
			SRPT_CD	Sub Reporting	Sub reporting codes define contract periods.	O	VARCHAR2	4	If entered, must be valid on the Sub Reporting table. To enter a Sub Reporting Code, the Reporting Code must be entered.
			TASK_CD	Task	The unique identification code assigned to the task.	O	VARCHAR2	4	If entered, must be valid on the Task table.
			STASK_CD	Sub Task	The sub task is a means of breaking down tasks into smaller components.	O	VARCHAR2	4	If entered must be valid on Sub Task table. To enter a Sub Task Code, the Task Code must be entered.

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
			TASK_ORD_CD	Task Order	The unique identification code assigned to the task order.	O	VARCHAR2	6	If entered, must be valid on the Task Order table.
			MJR_PROG_CD	Major Program	The identification code assigned to the major program.	O	VARCHAR2	6	
			PROG_CD	Program	The identification code assigned to the program.	O	VARCHAR2	10	If entered, must be valid on the Program Setup table.
			PHASE_CD	Phase	The identification code assigned to the phase. Phase is a cost accounting Chart of Accounts element representing a phase of a project.	O	VARCHAR2	6	If entered, must be valid on the Program Phase table. To enter a Phase Code, the Program Code must be entered.
			PPC_CD	Program Period	The identification code assigned to the project period.	O	VARCHAR2	6	If entered, must be valid on the Program Period table. To enter a Program Period Code, the Program Code must be entered (to infer the Major Program).
			FPRFL_CD	Funding Profile	It is the highest level in the funding structure of cost accounting.  The Funding Profile identifies the collection of Funding Profiles and Funding Lines that will be used for Reimbursement processing of the Program.	CR	VARCHAR2	6	Required if Task Order is entered.  System will infer if Task Order is populated.
			FPRTY_CD	Funding Priority	It is the middle level in the funding structure of cost accounting.	CR	VARCHAR2	20	Required if Task Order is entered.  System will infer if Task Order is populated.
			FLINE_CD	Funding Line	It is the lowest level in the funding structure of cost accounting	CR	VARCHAR2	20	Required if Task Order is entered. System will infer if Task Order is populated.

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
			DOC_LNGRP_LN_NO	Document Line Group Line Number	Sequential number starting at 1 assigned by the interfacing system for each line group. This is the number displayed in the Line Group grid.	R	NUMBER	10	Set to 1.

### 3.1.6 TRAILER RECORD

For all inbound interfaces an additional trailer document component will be needed for reconciliation purposes. This Trailer Document (TRL) contains a summary of overall information related to the document such as file name, number of records in this file, etc. The layout for the trailer record is as follows:

IRIS						
Field	Caption	Description	R/C	Type	Max Size	Comments
RECORD_TYPE	Record Type	This record identifies the file record as the trailer record.	R	Text	3	“TRL”
FILE_NAME	File Name	The text name of the file.	R	Text	32	This file name must match the file name of the physical file.
RCD_CNT	Record Count	The numeric count of all records within this file.	R	Numeric	10	The count of all records within this file. This includes all record types, including the trailer record itself.
HDR_CNT	Header Count	The numeric count of all header records within this file.	R	Numeric	10	The count of all header records within this file.
SUM_ACCT1	Summary Amount 1	Summary total of dollar line amounts.	R	Decimal	16,2	Specify the total Line Amount
SUM_ACCT2	Summary Amount 2	Summary total of dollar amounts2.	O	Decimal	16,2	

## 4 TECHNICAL SPECIFICATIONS

The following document provides all technical specifications for all inbound interfaces.



Technical\_Specificatio  
ns.docx

## 5 APPENDICES

### 5.1 APPENDIX A – JV XML SAMPLES

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The following file contains samples for two JV documents; these are Advanced Journal Voucher (JVA) and Cost Accounting Journal Voucher (JVC) documents.



JV XML Samples.docx

### 5.2 APPENDIX B – GENERAL XML SPECIFICATIONS FOR IRIS

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The following file contains general information about the creation of XML files for IRIS:



General XML Specs  
for IRIS 20130404.doc

TEMPLATE