



INTEGRATED RESOURCE INFORMATION SYSTEM PROJECT

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

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VERSION 0.1
SOA Internal Use Only

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1 INTRODUCTION

The IRIS Internal Exchange Transaction (IET) document is commonly used when one internal department provides good or services to another internal department. The Buyer department is the one receiving the goods or services; the Seller department is the one providing the goods or services. The Seller department typically initiates the IET document from a request from the Buyer department and authority to charge provided chart of account codes. The transaction can be a revenue/expense or expense abatement/expense transaction depending on the Event Type used on the IET. Use of the document is often found when COA information and accounting treatment for all parties involved is known to a single party. The IET Document Code is comprised of just three document sections containing many fields common to accounting documents along with several that support the business functions of the IET.

The IET contains the following sections:

- Header
- Exchange Details (similar to the Vendor section on other documents)
- 2nd Party Accounting

The Internal Exchange Transaction (IET) Documents have the following characteristics:

- The first party will always be seller (i.e. INIT_CD on the IET_DOC_HDR component must be set to “P”).
- There will always be only one exchange line (i.e. only one record on the IET_DOC_VEND component).
- The second party will always be buyer (i.e. INIT_CD on the IET_DOC_ACTG component must be set to “R”).
- There can be a maximum of 99 accounting lines present for second party on the IET document (i.e. up to 99 records on the IET_DOC_ACTG component).
- Coding of object or revenue will be dictated by the event type assigned to the first party seller.
- IET Modification documents cannot be sent through the Interface.
- The IET documents received through interfaces will not reference any other documents.

Currently, there is no IET document equivalent in AKSAS. In order to process accounting transactions in AKSAS between internal parties, a Reimbursable Service Agreement (RSA) open item is established and a payment is made with an execute RSA as per *OMB Policy Statement, Revised Program Type 5, Reimbursable Services Agreement*. The other option is to enter an Adjusting Journal Entry (AJE) between internal parties as defined in *Exceptions to the RSA Process in the OMB Policy Statement*.

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 Internal Exchange Transaction (IET) document inbound interface template.

3.1 INTERNAL EXCHANGE TRANSACTION (IET) TRANSACTION LAYOUT

The IET 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 IET document showing that it will have one AMS_DOCUMENT record, one IET_DOC_HDR, one IET_DOC_VEND that can have one or multiple IET_DOC_ACTG records associated (up to 99 accounting lines), and one Trailer record. The remaining sections explain each component that constitutes a complete XML based IET document.

The structure of an interface file with 2 IET documents where each document is associated with 1 vendor record and 2 accounting lines will be as follows:

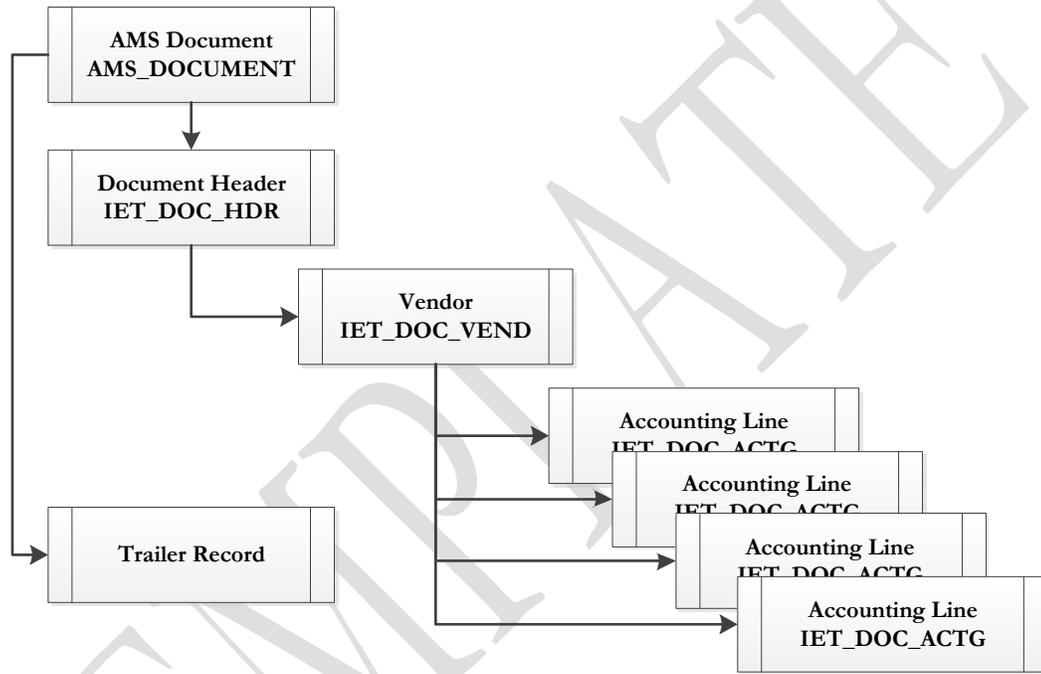
Document record #1	Document record #2
Header record	Header record
Vendor record 1	Vendor record 1
Accounting record 1	Accounting record 1
Accounting record 2	Accounting record 2
Trailer record	Trailer record

Exhibit 1 IET Transaction Required XML Components

	Action	Component description
	Original entry	
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.
IET_DOC_HDR	Required	Unique Tag used to identify the beginning and ending of a header component within a document.
IET_DOC_VEND	Required	Unique Tag used to identify the beginning and ending of a vendor component within a document.
IET_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 IET Document Components



3.1.1 IET 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 IET XML example:

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

3.1.2 IET 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 IET 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	“INT”
			DOC_TYP	Document Type	The type of document, defined in the Document Type table.	R	VARCHAR2	8	“IET”
			DOC_CD	Document Code	The alpha-numeric code that indicates the type of transaction.	R	VARCHAR2	8	“IET”
			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 IET DOCUMENT COMPONENT: IET_DOC_HDR

The following XML tags are a requirement for IET documents being submitted into the IRIS system. See Appendix A for an example of a fully qualified IET 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 value as in AMS_DOCUMENT
			DOC_TYP	Document Type	The type of document, defined in the Document Type table.	R	VARCHAR2	8	Same value as in AMS_DOCUMENT
			DOC_CD	Document Code	The alpha-numeric code that indicates the type of transaction.	R	VARCHAR2	8	Same value as in AMS_DOCUMENT
			DOC_DEPT_CD	Document Department	The department code assigned to this document.	R	VARCHAR2	4	Same value as in AMS_DOCUMENT
			DOC_UNIT_CD	Document Unit	The unit code associated with this document.	R	VARCHAR2	4	Same value as in AMS_DOCUMENT
			DOC_ID	Document ID	The unique document number assigned for this transaction.	R	VARCHAR2	20	Same value as in AMS_DOCUMENT

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
			DOC_VERS_NO	Document Version Number	The version number assigned to this document.	R	NUMBER	2	Same value as in AMS_DOCUMENT
			DOC_NM	Document Name	Name for the document.	O	VARCHAR2	60	The value in this field should be descriptive on what the transaction is for.
			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.

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	Optional
			INIT_CD	Initiator	Field that tells the nature of the 1 st party. Choices are Provider/Seller or Receiver/Buyer. Required field.	R	VARCHAR2	3	
			DLVR_DT	Delivery Date	The requested delivery date from the Stock Requisition.	O	DATE	10	Optional Acceptable format is: "YYYY-MM-DD". Example: "2004-10-30". Future and Past dates are allowed.
			ADDL_INFO	Additional Information	Any additional information about this item.	O	VARCHAR2	60	
			VEND_CUST_CD	Vendor/Customer	The unique identifier assigned to the vendor/customer. In ADVANTAGE 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).	R	VARCHAR2	20	If a vendor code is specified on the interface then Name and Address are inferred from Vendor File. Vendor codes are established for reasons such as 1099 eligible or direct deposit.
			AD_ID	Address Code	The Address Code or ID given to a unique address for a vendor or customer. The use of different Address Codes will allow a single vendor or customer code to have multiple addresses.	O	VARCHAR2	20	If a vendor code is specified on the interface then Address Code is inferred from Vendor File.
			CNTAC_ID	Vendor Contact ID	The unique identification number assigned to the contact. The use of different contact ID's will allow a single vendor or customer code to have multiple contacts.	O	VARCHAR2	20	If a vendor code is specified on the interface then Contact ID is inferred from Vendor File.

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
			EXT_DOC_DSCR	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	

3.1.4 IET DOCUMENT COMPONENT: IET_DOC_VEND

The following XML tags are a requirement for IET documents being submitted into the IRIS system. See Appendix A for an example of a fully qualified IET 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 value as in AMS_DOCUMENT
			DOC_TYP	Document Type	The type of document, defined in the Document Type table.	R	VARCHAR2	8	Same value as in AMS_DOCUMENT
			DOC_CD	Document Code	The alpha-numeric code that indicates the type of transaction.	R	VARCHAR2	8	Same value as in AMS_DOCUMENT
			DOC_DEPT_CD	Document Department	The department code assigned to this document.	R	VARCHAR2	4	Same value as in AMS_DOCUMENT
			DOC_UNIT_CD	Document Unit	The unit code associated with this document.	R	VARCHAR2	4	Same value as in AMS_DOCUMENT
			DOC_ID	Document ID	The unique document number assigned for this transaction.	R	VARCHAR2	20	Same value as in AMS_DOCUMENT
			DOC_VERS_NO	Document Version Number	The version number assigned to this document.	R	NUMBER	2	Same value as in AMS_DOCUMENT

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
			DOC_VEND_LN_NO	Document Vendor Line Number	The vendor/customer line number visible to a user that uniquely identifies each vendor/customer line within a document.	R	NUMBER	10	Value: " 1"
			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.	R	VARCHAR2	6	The Department may choose to set up an Accounting Template, which will contain information. Use of the Account Template will default Chart of Accounts information for the Accounting Line. Must be valid on Accounting Template (ACTPL) table.
			EVNT_TYP_ID	Event Type	Event Type determines the journal postings and business rules for a particular transaction.	R	VARCHAR2	4	Must be a valid value on (AETDC) table.
			VL_ACTU_AM	Line Amount	Calculated amount for all lines tied to this particular vendor line.	R	DECIMAL	14,2	This amount must equal the total amount for all accounting lines. Example: 50.00
			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
			VEND_CUST_CD	Vendor/Customer	The unique identifier assigned to the vendor/customer.	R	VARCHAR2	20	Specify the Vendor code for the Requestor. If a vendor code is specified on the interface then Name and Address are inferred from Vendor File. Vendor codes are established for reasons such as 1099 eligible or direct deposit.
			AD_ID	Address Code	The Address Code or ID given to a unique address for a vendor or customer. The use of different Address Codes will allow a single vendor or customer code to have multiple addresses.	O	VARCHAR2	20	If a vendor code is specified on the interface then Contact ID is inferred from Vendor File.
			CNTAC_ID	Vendor Contact ID	The unique identification number assigned to the contact. The use of different contact ID's will allow a single vendor or customer code to have multiple contacts.	O	VARCHAR2	20	If a vendor code is specified on the interface then Contact ID is inferred from Vendor File.
			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_ACTG_LN_NO	Ref Accounting Line	The accounting line number from the referenced IRIS	O	NUMBER	10	Leave Blank

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
					document.				
			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.
			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.
			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.
			DEPT_CD	Department	An identification code associated with a	O	VARCHAR2	4	If entered, must be valid on Department Fiscal Year

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
					department.				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.
			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.
			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 Dept Revenue Source table.
			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.

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
			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.
			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.
			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.
			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.
			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.

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
			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).
			SVC_FRM_DT	Service From Date	The service from date from the Payment Request document.	O	DATE	10	The SVC_FRM_DT is the From Date that goods/services were received. The date is also used in discount calculation. Service date not allowed on the Vendor Line when Initiator is Seller (INIT_CD = P). Format of Date "YYYY-MM-DD"
			SVC_TO_DT	Service To Date	The service to date from the Payment Request document	O	DATE	10	The SVC_TO_DT is the To Date that goods/services were received. The date is also used in discount calculation. Service date not allowed on the Vendor Line when Initiator is Seller (INIT_CD = P). Format of Date "YYYY-MM-DD"
			LGL_NM	Legal Name	The legally defined name of the company or individual	CR	VARCHAR2	60	

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
					represented by this record.				
			ALIAS_NM	Alias/DBA	The alternate name, alias or operating name (doing business as).	O	VARCHAR2	60	
			AD_LN_1	Address Line 1	The first line of the address.	CR	VARCHAR2	75	
			AD_LN_2	Address Line 2	The second line of the address.	O	VARCHAR2	75	
			CITY	City	The city name associated with the address. If a miscellaneous vendor (MISC) is used, this field is required.	CR	VARCHAR2	60	
			ST	State	The state or province.	O	VARCHAR2	2	
			ZIP	Zip	The zip code associated with the address.	O	VARCHAR2	10	
			CTRY	Country	The unique identification code associated with the country.	O	VARCHAR2	3	
			TIN	TIN	The taxpayer identification number from the 1099 Reporting Information page.	CR	VARCHAR2	9	
			TIN_TYP	TIN Type	The type associated with the taxpayer identification number. Valid values include: SSN/ITIN/ATIN or EIN.	CR	CHAR	1	

3.1.5 IET DOCUMENT COMPONENT: IET_DOC_ACTG

The following XML tags are a requirement for IET documents being submitted into the IRIS system. See Appendix A for an example of a fully qualified IET 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 value as in AMS_DOCUMENT
			DOC_TYP	Document Type	The type of document, defined in the Document Type table.	R	VARCHAR8	8	Same value as in AMS_DOCUMENT
			DOC_CD	Document Code	The alpha-numeric code that indicates the type of transaction.	R	VARCHAR2	8	Same value as in AMS_DOCUMENT
			DOC_DEPT_CD	Document Department	The department code assigned to this document.	R	VARCHAR2	4	Same value as in AMS_DOCUMENT
			DOC_UNIT_CD	Document Unit	The unit code associated with this document.	R	VARCHAR2	4	Same value as in AMS_DOCUMENT
			DOC_ID	Document ID	The unique document number assigned for this transaction.	R	VARCHAR2	20	Same value as in AMS_DOCUMENT
			DOC_VERS_NO	Document Version Number	The version number assigned to this document.	R	NUMBER	2	Same value as in AMS_DOCUMENT
			DOC_VEND_LN_NO	Document Vendor Line Number	The vendor/customer line number visible to a user that uniquely identifies each vendor/customer line within a document.	R	NUMBER	10	Value :?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	Example: "1" Line numbering begins at 1 and is incremental for additional lines up to 99.
			EVNT_TYP_ID	Event Type	Event Type determines the journal postings and business rules for a particular transaction.	O	VARCHAR2	4	Leave blank. Value is inferred from the vendor line.

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
			INIT_CD	Initiator	Field that tells the nature of the 2nd party. Choices are Provider/Seller or Receiver/Buyer.	R	VARCHAR2	3	Required – Values are : P – Provider/Seller R – Receiver/Buyer This field must always be set to “R”.
			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.	R	VARCHAR2	6	Must be valid on Accounting Template (ACTPL) table
			LN_AM	Line Amount	The amount of an individual accounting line.	R	DECIMAL	14,2	The total of all accounting lines’ amounts must equal VL_ACTU_AM
			ACTG_LN_DSCR	Line Description	The description associated with the line.	O	VARCHAR2	100	Department may provide Accounting Line Description in this data element.
			BFY	Budget FY	The budget fiscal year with which this calendar date is associated. Must be valid on the Fiscal Year page.	O	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”.

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
			FY_DC	Fiscal Year	The fiscal year associated with this document.	O	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".
			PER_DC	Period	The manually entered accounting period for a document in draft. If not manually entered, the field remains blank until the document is submitted successfully. At this point it will be set to the current accounting period.	O	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.
			BPRO_CD	Billing Profile	The identification code assigned to the billing profile.	O	VARCHAR2	5	Must be valid on Billing Profile (BPRO) table.
			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.
			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-	O	VARCHAR2	4	If entered, must be valid on the Sub Object table. To enter

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
					object. Sub-object is a fund accounting Chart of Accounts element.				a Sub Object Code, the Object Code must be entered.
			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.
			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.
			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.
			DOBJ_CD	Dept Object	The identification code assigned to the Department	O	VARCHAR2	4	If entered, must be valid on the Department Object table.

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
					object.				
			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.
			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.
			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.
			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.
			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

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
									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.
			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.
			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).

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
			SVC_FRM_DT	Service From Date	Service Dates (From/To Dates) on payment request documents are used to identify when goods or services were received from the vendor.	O	DATE	10	Valid format is "YYYY-MM-DD" Example: "2004-10-30". The Service From Date can be a past, current or future date. Agencies may provide a date if desired. Otherwise, leave blank and system will default it to the current date upon processing the interface file.
			SVC_TO_DT	Service To Date	Service Dates (From/To Dates) on payment request documents are used to identify when goods or services were received from the vendor.	O	DATE	10	Valid format is "YYYY-MM-DD" Example: "2004-10-30". The Service To Date can be a past, current or future date. Agencies may provide a date if desired. Otherwise, leave blank and system will default it to the current date upon processing the interface file. If provided, it must be greater than or equal to the SVC_FRM_DT.

3.2 TRAILER RECORD

For this interface file, the following data needs to be processed, calculated and stored in the IRIS database record table for reconciliation purposes.

DB Field	Name	Description	Type	Len	Comments
INT_FILE_NAME	File Name	The text name of the file.	VARCHAR2	32	This file name must match the file name of the physical file.
INT_RCD_CNT	Record Count	The numeric count of all records within this file.	NUMBER	10	The count of all records within this file. This includes all record types, including the trailer record itself.
INT_HDR_CNT	Header Count	The numeric count of all header records within this file.	NUMBER	10	The count of all header records within this file.

DB Field	Name	Description	Type	Len	Comments
INT_SUM_ACCT1	Summary Amount 1	Summary total of dollar line amounts.	DECIMAL	16,2	Specify the total Line Amount
INT_SUM_ACCT2	Summary Amount 2	Summary total of dollar amounts2.	DECIMAL	16,2	

TEMPLATE

4 TECHNICAL SPECIFICATIONS

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



Technical_Specificatio
ns.docx

5 APPENDICES

5.1 APPENDIX A – IET XML SAMPLE

The following file contains a sample for an Internal Exchange Transaction (IET) document.



IET XML Sample.docx

5.2 APPENDIX B – GENERAL XML SPECIFICATIONS FOR IRIS

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



General XML Specs
for IRIS 20130404.doc