



INTEGRATED RESOURCE INFORMATION SYSTEM PROJECT

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

September 20, 2013
VERSION 0.1
SOA Internal Use Only

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1 INTRODUCTION

The IRIS RE document type has the following document codes in it:

- Receivable (RE) Document – used for entering a transaction to record money owed as a result of goods or services provided, overpayment to a vendor, or anticipated receipt of unearned revenue. It results in the generation of an Invoice or Statement to bill customers. Accounting entries made by this document vary, depending upon the event type coded. Use the Receivable (RE) document to:
 - Bill for earned revenue
 - Bill for unearned revenue
 - Bill for a deposit
 - Bill for a vendor for a refund
- Receivable for Inventory (REI) Document – this document allows you to enter a transaction to record money owed as a result of goods issued from inventory. It results in the generation of an Invoice or Statement to bill customers. The Receivable for Inventory transaction supports the Billed Earned Revenue event type.
- Surplus Award Receivable (RES) Document – this document allows users to enter a transaction to record money owed as a result of surplus auction award of goods or services. It results in the generation of an Invoice or Statement to bill customers.
- Unbilled Receivable (UB) Document - is a clone of the RE Document. The purpose of the Unbilled (UB) Document Code is to create a way to book a receivable in the event a cash advance was received prior to the creation of the Receivable. In this case, the UB Document may be used to reference the Advance (created on a CRA Document). In addition, the UB Document may be used to allow a Receivable Document to reference another Receivable.

Use the Receivable (RE) document to bill or record money owed as the result of:

- Goods or services already provided
- Goods or services anticipated to be provided (for example, rent)
- Overpayments to a vendor
- Anticipated or earned revenue from external funding sources (for example, federal grants, taxes)

In addition to supporting the Receivable document itself, IRIS allows you to:

- Make inquiries on the status of existing receivables already in the system
- View or print reports related to receivables processing

For the State of Alaska accounts receivable are generally liquidated by agency receipt open items. Agency receipts record revenue collected by the agencies and transmitted to Treasury for deposit. Accounts receivable can also be liquidated by treasury and agency journal entries. Accounts receivable are maintained on the Open Item File and can be viewed online through IO -Open Item Inquiry (enter RC in the OPEN ITEM TYPE field, select DETAIL, and enter the OPEN ITEM NUMBER on the Open Item Inquiry - Selection screen). Reference and descriptive information processed on the add accounts receivable transaction is maintained on the Open Item File along with the financial data processed on the agency journal entry transaction. When the original agency journal entry processes, the total of the asset financial lines is recorded as the ORIGINAL PLACED and initial CURRENT BALANCE of the accounts receivable on the Open Item File. The asset financial lines entered on the agency journal entry are displayed in the FIN lines area of the open item. Subsequent journal entries increase or decrease the ADJUST TO PLACED or TOTAL LIQUIDATIONS and CURRENT BALANCE amounts. Transactions that liquidate the receivable (agency receipts, agency journal entries) increase the TOTAL LIQUIDATIONS on the Open Item File and decrease the CURRENT BALANCE accordingly.

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.

3 FILE SPECIFICATIONS

The following sections describe in detail the specifications of the Receivable (RE) document inbound interface template.

3.1 RECEIVABLE (RE) TRANSACTION LAYOUT

The RE 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 RE document showing that it will have one AMS_DOCUMENT record, one RE_DOC_HDR, one RE_DOC_VEND that can have one or multiple RE_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 RE document.

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

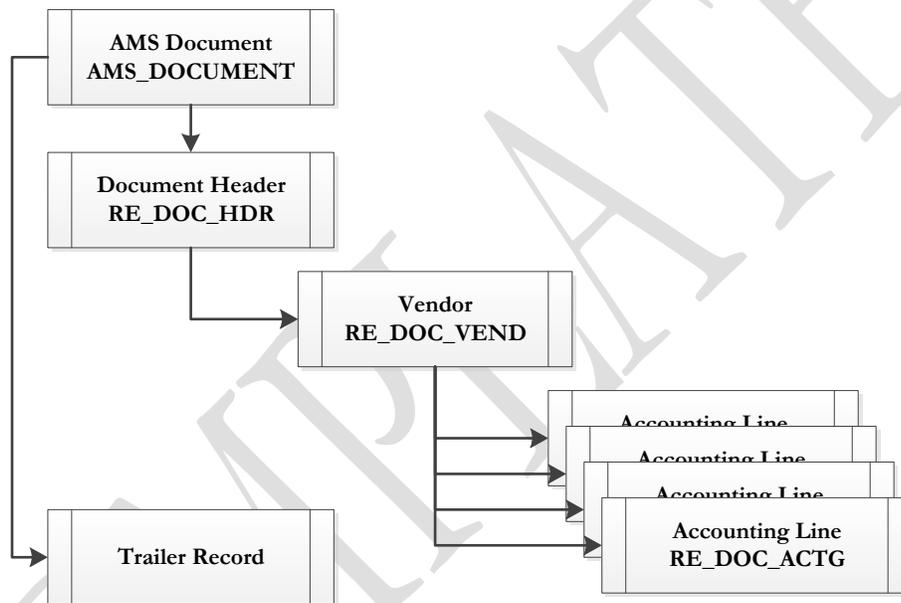
Document record #1	Document record #2
Header record	Header record
Vendor record 1	Vendor record 1
Accounting record 1	Accounting record 1
Accounting record 2	Accounting record 2
Trailer record	Trailer record

Exhibit 1 RE 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.
RE_DOC_HDR	Required	Unique Tag used to identify the beginning and ending of a header component within a document.
RE_DOC_VEND	Required	Unique Tag used to identify the beginning and ending of a vendor component within a document.
RE_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 RE Document Components



3.1.1 RE 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 RE XML example:

XML Tag	Description	R/C
AMS_DOC_XML_IMPORT_FILE	Required XML beginning tag for a base RE document	R

3.1.2 RE 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 RE 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. For receivable, the value is "AR".	R	VARCHAR2	8	'AR'
			DOC_TYP	Document Type	The type of document, defined in the Document Type table. Each document code must be assigned a document type. For receivable, the value is "RE".	R	VARCHAR2	8	'RE'
			DOC_CD	Document Code	The alpha-numeric code that indicates the type of transaction. The value "RE" indicates a receivable.	R	VARCHAR2	8	'RE'
			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".

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	Set to "1".
			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 RE DOCUMENT COMPONENT: RE_DOC_HDR

The following XML tags are a requirement for RE documents being submitted into the IRIS system. See Appendix A for an example of a fully qualified RE 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. Each document code must be assigned a document type.	R	VARCHAR2	8	Same value as in AMS_DOCUMENT
			DOC_CD	Document Code	The alpha-numeric code that indicates the type of transaction. RE indicates a receivable.	R	VARCHAR2	8	Same value as in AMS_DOCUMENT
			DOC_DEPT_CD	Department	The department code assigned to this document.	R	VARCHAR2	4	Same value as 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 for security and workflow purposes.	R	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 the system if you do not enter this information. Duplicate document identification numbers are not allowed in the system.	R	VARCHAR2	20	Same value as in AMS_DOCUMENT
			DOC_VERS_NO	Document Version	The version number assigned to this document.	R	NUMBER	2	Set to '1'
			DOC_NM	Document Name	Name for the document.	O	VARCHAR2	60	The value in this field should be descriptive on what the account receivable is for.
			DOC_REC_DT_DC	Record date	The record date entered on the document header. If not entered, the date defaults to the current date.	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.	R/C	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
			DOC_FY_DC	Fiscal Year	The fiscal year associated with this document.	R/C	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.	R/C	NUMBER	2	If left blank, the system will populate it with the Fiscal Period of the Record Date on associated document.
			DOC_DSCR	Document Description	The description associated with the document.	O	VARCHAR2	60	
			RECLS_DT	Reclassification Date	Date when unearned revenue should be reclassified to earned revenue.	P	DATE	10	Leave blank.
			RECLS_HLD_FL	Reclassification Held	Generate document in held status when you reclassify unearned revenue to earned revenue.	P	NUMBER	3	Leave blank.
			DSPT_IND	Document Dispute Status	Type of dispute for the receivable.	P	NUMBER	10	Leave blank.
			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)	1500	

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
			SVC_FROM_DT	Service From Date	The Date service started.	O	DATE	10	Format of Date "YYYY-MM-DD" Example: "2004-10-23"
			SVC_TO_DT	Service To Date	The Date service ended.	O	DATE	10	Format of Date "YYYY-MM-DD" Example: "2004-10-23"

3.1.4 RE DOCUMENT COMPONENT: RE_DOC_VEND

The following XML tags are a requirement for RE documents being submitted into the IRIS system. See Appendix A for an example of a fully qualified RE 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. Each document code must be assigned a document type.	R	VARCHAR2	8	Same value as in AMS_DOCUMENT
			DOC_CD	Document Code	The alpha-numeric code that indicates the type of transaction. RE indicates a receivable document.	R	VARCHAR2	8	Same value as in AMS_DOCUMENT
			DOC_DEPT_CD	Department	The department code assigned to this document.	R	VARCHAR2	4	Same value as in AMS_DOCUMENT
			DOC_UNIT_CD	Document Unit Code	The unit code associated with this document for security and workflow purposes.	R	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 the system if you do not enter this information.	R	VARCHAR2	20	Same value as in AMS_DOCUMENT

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
					Duplicate document identification numbers are not allowed in the system.				
			DOC_VERS_NO	Document Version	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 customer line number visible to a user that uniquely identifies each customer line within a document. There can only be one customer per receivable and as such, the value will always be set to '1'.	R	NUMBER	10	Value: " 1"
			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 customer code is specified on the interface then all customer information, such as Name and Address, are inferred from Customer File. If a miscellaneous customer code is specified on the interface then customer information must be provided on the receivable, such as Legal Name, Address 1 and City.
			BPRO_CD	Billing Profile	The identification code assigned to the billing profile. Defines billing characteristics such as due date calculation, finance charges, and dunning messages.	R	VARCHAR2	5	Must be valid on Billing Profile (BPRO) table.
			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 customer is used, this field is required.	R/C	VARCHAR2	60	Field is required when using miscellaneous customer code.

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
			ALIAS_NM	Alias/DBA	The alternate name, alias or operating name (doing business as) used to identify the account.	O	VARCHAR2	60	This field can be used as the second customer name.
			AD_ID	Address Code	The Address Code 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 an address other than the default billing address is desired then an alternate address code must be specified.
			AD_LN_1	Address Line 1	The first line of the address. If a miscellaneous customer is used, this field is required.	R/C	VARCHAR2	75	Field is required when using miscellaneous customer code.
			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 customer (MISC) is used, this field is required.	R/C	VARCHAR2	60	Field is required when using miscellaneous customer code.
			ST	State	The state or province.	R/C	VARCHAR2	2	Field is required when using miscellaneous customer code.
			ZIP	Zip	The zip code associated with the address.	R/C	VARCHAR2	10	Field is required when using miscellaneous customer code.
			CTRY	Country	The unique identification code associated with the country.	O	VARCHAR2	3	
			TIN	Taxpayer Identification Number	The taxpayer identification number from the 1099 Reporting Information page.	CR	VARCHAR2	9	
			TIN_TYP	Taxpayer Identification Number Type	The type associated with the taxpayer identification number. Valid values include: SSN/TIN/ATIN or EIN.	CR	CHAR	1	
			CNTY	County	The name associated with the county. If you do not provide a county name, the	O	VARCHAR2	5	

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
					name does not display on reports.				
			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	
			PRIN_CNTAC	Vendor Contact Name	The customer's contact name.	O	VARCHAR2	60	
			VOICE_PH_NO	Vendor Contact Phone	The telephone number associated with the contact.	O	VARCHAR2	30	
			VOICE_PH_EXT	Vendor Contact Phone Ext	The telephone number extension associated with the contact.	O	VARCHAR2	6	
			EMAIL_AD	Vendor Contact Email	The email address associated with the contact.	O	VARCHAR2	100	
			FAX_PH_NO	Fax	The fax extension number associated with a contact, be it a vendor, customer, or internal contact.	O	VARCHAR2	30	
			FAX_PH_EXT	Fax Extension	The optional fax extension number associated with the fax number for a contact, be it a vendor, customer, or internal contact.	O	VARCHAR2	6	
			WEB_AD	Web Address http: //	The web address for this company/individual.	O	VARCHAR2	100	
			RCVB_TYP_IND	Receivable Type	Two types of receivables can be recorded: Regular and Summary. Regular receivables require a customer code and billing profile. Summary receivables record accrued revenue and do not provide billing or customer account tracking.	P	NUMBER	10	Leave blank. The default Receivable Type is "Regular".

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
			AR_DEPT_CD	AR Dept	The department code that is used to find accounts receivable options for customer accounts.	P	VARCHAR2	4	Leave blank. AR Dept will infer based on Document Department Code.
			AR_UNIT_CD	AR Unit	Unit is the lowest organizational level in the main organizational structure.	P	VARCHAR2	4	Leave blank.
			DUE_DT	Due Date	The date that payment is due for the receivable.	O	DATE	10	If left blank field will default to Due Date determined by billing profile setup. Format of Date "YYYY-MM-DD". Example: "2004-10-23"
			INV_PRN_DT	Invoice Print Date	The date that the invoice will be printed.	O	DATE	10	If left blank field is set to current system date. Format of Date "YYYY-MM-DD". Example: "2004-10-23"
			BILL_LOC_CD	Billing Location	The location where the receivable is to be sent.	P	VARCHAR2	2	Leave blank. Defaults to "Customer Only"
			COLL_CYC_CD	Collection Cycle	Collection Cycle code defines the dunning and collection messages that are sent to customers when payment has not been received and payment due date has past.	P	VARCHAR2	5	Leave blank. Will infer from billing profile.

3.1.5 RE DOCUMENT COMPONENT: RE_DOC_ACTG

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

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
			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 value as in AMS_DOCUMENT
			DOC_CD	Document Code	The alpha-numeric code that indicates the type of transaction. The value "RE" indicates a receivable document.	R	VARCHAR2	8	Same value as in AMS_DOCUMENT
			DOC_DEPT_CD	Department	The department code assigned to this document.	R	VARCHAR2	4	Same value as in AMS_DOCUMENT
			DOC_UNIT_CD	Document Unit Code	The unit code associated with this document for security and workflow purposes.	R	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 the system if you do not enter this information. Duplicate document identification numbers are not allowed in the system.	R	VARCHAR2	20	Same value as in AMS_DOCUMENT
			DOC_VERS_NO	Document Version	The version number assigned to this document.	R	NUMBER	2	Same value as in AMS_DOCUMENT
			DOC_VEND_LN_NO	Doc Vendor Line Number	The customer line number visible to a user that uniquely identifies each customer line within a document.	R	NUMBER	10	Value: " 1"
			DOC_ACTG_LN_NO	Accounting Line Number	The accounting line number visible to a user that uniquely identifies each accounting line within a document.	R	NUMBER	10	Value: " 1" Line numbering begins at 1 and should be incremental by one for additional lines

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
			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.
			PSTNG_PR_TYP	Line Type	A posting pair ID is a unique ID assigned to a debt and/or credit posting code.	O	VARCHAR2	1	Leave blank. The default Line Type for RE is "A" – Principal.
			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	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.
			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.
			LN_AM	Line Amount	The line amount associated with the accounting line.	R/C	DECIMAL	12,2	The Line Amount is required if Billing Rate (BILL_RT_CD) and Quantity (QTY) are not provided. The Line Amount will be calculated by the system if Billing Rate (BILL_RT_CD) and Quantity (QTY) are provided.
			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.	R/C	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.	R/C	NUMBER	2	If left blank, the system will populate it with the Fiscal Period of the Record Date on associated document.
			BILL_RT_CD	Billing Rate	The identification code that identifies the rate per unit of measure.	O	VARCHAR2	5	Must be valid on Billing Rate (BILLR) table
			QTY	Quantity	The number of units.	R/C	DECIMAL	9,3	Required if Billing Rate is provided.
			DSPT_IND	Dispute	Type of dispute for the receivable.	P	NUMBER	10	Leave blank.
			RECLS_DT	Reclassification Date	Date when unearned revenue should be reclassified to earned revenue.	P	DATE	10	Leave blank.

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
			RECLS_HLD_FL	Reclassification Held	Generate document in held status when you reclassify unearned revenue to earned revenue.	P	NUMBER	3	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.
			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 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.

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
			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.
			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.
			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	O	VARCHAR2	4	If entered, must be valid on

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
					associated with the sub-object. Sub-object is a fund accounting Chart of Accounts element.				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.
			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.
			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.
			LOC_CD	Location	The identification code assigned to the location.	O	VARCHAR2	4	If entered, must be valid on the Location table.

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

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.

DB Field	Name	Description	Type	Len	Comments
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.
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	

4 TECHNICAL SPECIFICATIONS

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



Technical_Specificatio
ns.docx

5 APPENDICES

5.1 APPENDIX A – RE XML SAMPLE

The following file contains a sample for a Receivable (RE) document.



RE 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

TEMPLATE