



INTEGRATED RESOURCE INFORMATION SYSTEM
PROJECT

PO 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 Purchase Order (PO) document is used to establish an agreement (award document) with a vendor for the purchase of goods or services. The PO document is part of the Award State in the Procurement Life Cycle. In IRIS, PO documents will have the following characteristics:

- There can be up to 99 accounting lines (regardless of the number of commodity lines) present on the document.
- PO Modification documents cannot be sent through the Interface.
- The PO documents received through interfaces will not reference any other documents.

Currently there is no automated process for creating a purchase order in AKSAS. Purchase orders are created manually and document financial activity to support encumbering and/or remitting payment in AKSAS.

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 PURCHASE ORDER (PO) TRANSACTION LAYOUT

The PO transaction consists of 6 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 PO document showing that it will have one AMS_DOCUMENT record, one PO_DOC_HDR, one PO_DOC_VEND that can have one or multiple PO_DOC_COMM records associated with it, and one Trailer record. Each PO_DOC_COMM record can have one or more PO_DOC_ACTG records associated with it (up to 99 accounting lines). The remaining sections explain each component that constitutes a complete XML based PO document.

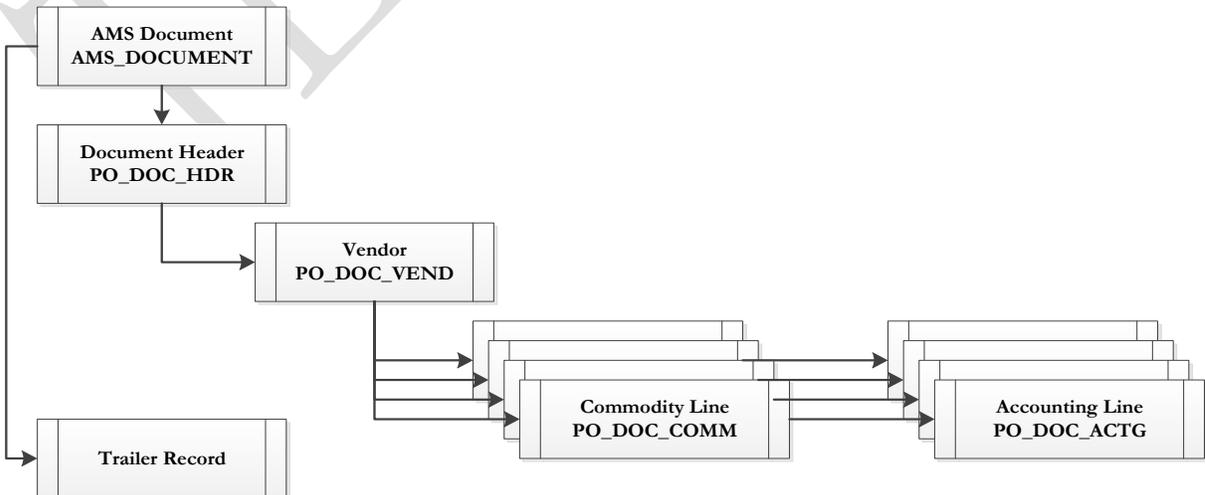
The structure of an interface file with 2 PO documents where each document is associated with 1 vendor record and 2 commodity records, and each commodity record is associated with 1 accounting line will be as follows:

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

Exhibit 1 PO 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.
PO_DOC_HDR	Required	Unique Tag used to identify the beginning and ending of a header component within a document.
PO_DOC_VEND	Required	Unique Tag used to identify the beginning and ending of a vendor component within a document.
PO_DOC_COMM	Required	Unique Tag used to identify the beginning and ending of a commodity lines within a document.
PO_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 PO Document Components



3.1.1 PO 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 PO XML example:

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

TEMPLATE

3.1.2 PO 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 PO XML example:

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

3.1.3 PO 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 PO 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	'PROC'
			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	'PO'
			DOC_CD	Document Code	The alpha-numeric code that indicates the type of transaction.	R	VARCHAR2	8	'PO'
			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

3.1.4 PO DOCUMENT COMPONENT: PO_DOC_HDR

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

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 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_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
			PRCU_TYP_ID	Procurement Type	The type of procurement selected when the procurement was created.	R	NUMBER	10	Must be a valid value on the PRCUTYP table.
			DSCR_EXT	Extended Description	The extended description associated with this document.		VARCHAR2 (1500)	1500	
			RQSTR_ID	Requestor ID	The user id of the person or department requesting the goods or services.	R	VARCHAR2	16	
			ISSR_ID	Issuer ID	The user id of the person or department issuing the procurement for goods or services.	R	VARCHAR2	16	
			DOC_NM	Document Name	Name for the document.	O	VARCHAR2	60	
			DOC_DSCR	Document Description	The description associated with the document.	O	VARCHAR2	60	
			CITED_AUTH	Cited Authority	Cited Authority identifies the statutory, regulatory, or policy citation for the payment to be legally processed.	O	VARCHAR2	20	Must be a valid code on the CAUTH (Cited Authority) table.
			CITED_AUTH_DSCR	Cited Authority Description	The description associated with the citation.		VARCHAR2	60	

3.1.5 PO DOCUMENT COMPONENT: PO_DOC_VEND

The following XML tags are a requirement for PO documents being submitted into the IRIS system. See Appendix A for an example of a fully qualified PO 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	R	VARCHAR2	8	Same value as in AMS_DOCUMENT

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
					document type.				
			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 Dept	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 line number visible to a user that uniquely identifies each vendor line within a document.	R	NUMBER	10	Value: " 1"
			VEND_CUST_CD	Vendor Customer	The unique identifier assigned to the vendor/customer. In IRIS, a vendor can also be a customer, allowing the user to enter information only one time when a particular contact is both a vendor (payable) and a customer (receivable).	R	VARCHAR2	20	
			AD_ID	Address Code	The Address Code or ID given to a unique address for a vendor or customer.	R	VARCHAR2	20	Must be valid and active procurement address ID for the VEND_CUST_CD on the Vendor Customer table.
			CNTAC_ID	Vendor Contact	The unique identification number assigned to the contact. The use of different contact ID's will allow a single vendor or vendor code to have multiple contacts.	O	VARCHAR2	20	If provided, must be valid contact ID for the VEND_CUST_CD on the Vendor Customer table. If not provided, it will be defaulted by the system upon processing the interface file.

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.
			LGL_NM	Legal Name	The legally defined name of the company or individual represented by this record.	CR	VARCHAR2	60	
			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	
			CNTY	County	The name associated with the county. If you do not provide a county name, the name does not display on reports.	O	VARCHAR2	5	
			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	

3.1.6 PO DOCUMENT COMPONENT: PO_DOC_COMM

The following XML tags are a requirement for PO documents being submitted into the IRIS system. See Appendix A for an example of a fully qualified PO 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.	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 line number visible to a user that uniquely identifies each vendor line within a document.	R	NUMBER	10	Value: "1"

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
			DOC_COMM_LN_NO	Commodity Line Number	The commodity line number visible to a user that uniquely identifies each commodity line within a document.	R	NUMBER	10	Starts with 1.
			COMM_CD	Commodity	The identification code assigned to the commodity.	R	VARCHAR2	14	
			COMM_DSCR	Commodity Description	The description associated with the commodity.		VARCHAR2	60	
			DSCR	Description	The description associated with this document.		VARCHAR2	30	
			LN_TYP	Line Type	Indicates if the commodity line is for an item, service or a discount.	R	NUMBER	10	Can be 1 or 2, which denotes item or service respectively.
			QTY	Quantity	The number in units.	CR	DECIMAL	15,5	Required if LN_TYP is Item Example: 50.00000
			UNIT_MEAS_CD	Unit	The identification code assigned to the unit of measure.	CR	VARCHAR2	4	Must be valid on the Unit of Measure (UOM) table. Required if LN_TYP is Item
			UNIT_PRICE	Unit Price	The cost per unit of the goods.	CR	DECIMAL	14,6	Required if LN_TYP is Item. Example: 50.000000
			CNTRC_AM	Contract Amount	The contract amount for service contracts.	CR	DECIMAL	14,2	Required if LN_TYP is a Service Example: 50.00
			SHIP_LOC_CD	Shipping Location	The location code associated with the shipping location.	CR	VARCHAR2	6	Required if LN_TYP is "Item". Must be a valid value on the Procurement Location (PLOC) table.
			BILL_LOC_CD	Billing Location	The Billing Location code on Purchase Order Line items corresponds to values on the Procurement Location table with the Location type of "Billing".	R	VARCHAR2	6	Must be valid on the Procurement Location table with the Location Type of "Billing".

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
			SVC_END_DT	Service To	The ending date of service for this solicitation.	CR	DATE	10	<p>Required if LN_TYP is a Service</p> <p>Acceptable format is: "YYYY-MM-DD". Example: "2004-10-30".</p> <p>The Service End Date can be a past, current or future date.</p> <p>Agencies may provide a date if desired. Otherwise, leave blank and system will default it to the current date upon processing the interface file.</p> <p>If provided, it must be greater than or equal to the SVC_STRT_DT.</p>
			SVC_STRT_DT	Service From	The starting date of service for this solicitation.	CR	DATE	10	<p>Required if LN_TYP is a Service</p> <p>Acceptable format is: "YYYY-MM-DD". Example: "2004-10-30".</p> <p>The Service From Date can be a past, current or future date.</p> <p>Agencies may provide a date if desired. Otherwise, leave blank and system will default it to the current date upon processing the interface file.</p>
			ADDL_HNDL_INFO	Additional Handling Info	Additional handling information.	O	VARCHAR2	1500	
			HANDL_SPEC_INST	Special Handling	Handling instructions that are unique and important to a specific commodity item.	O	VARCHAR2	1500	
			HAZ_MAT	Hazardous Materials	Indicates the shipment contains hazardous materials and any additional	O	VARCHAR2	1500	

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
					information about the hazardous material.				
			PKG_INST	Packing Instructions	The packing instructions associated with this item.	O	VARCHAR2	1500	
			DET_INST	Detailed Instructions	Detailed instructions or additional information associated with this item.	O	VARCHAR2	1500	
			CL_DSCR	CL Description	This field describes the item being procured. The value in this field is user entered.	R	VARCHAR2	60	Defaults from the COMM_DSCR value for the commodity code as stored on the Commodity Table. Can be overridden.
			DSCR_EXT	Extended Description	The extended description associated with this document.	O	VARCHAR2	4000	

3.1.7 PO DOCUMENT COMPONENT: PO_DOC_ACTG

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

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
			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 identification 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 line number visible to a user that uniquely identifies each vendor line within a document.	R	NUMBER	10	Value:?"1"
			DOC_COMM_LN_NO	Commodity Line Number	The commodity line number visible to a user that uniquely identifies each commodity line within a document.	R	NUMBER	10	Starts with 1. Must have the commodity line number associated with the accounting line.
			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	Must be between 1 and 99.
			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

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.
			LN_AM	Line Amount	The amount of an individual accounting line.	R	DECIMAL	14,2	Example: 50.00
			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 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.

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

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).
			ACTG_LN_DSCR	Line Description	The description associated with the accounting line.		VARCHAR2	100	
			CHK_DSCR	Check Description	The text to be printed on the check stub.	O	VARCHAR2	60	

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.
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 – PO XML SAMPLE

The following file contains a sample for a Purchase Order (PO) document.



PO XML Example.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