



INTEGRATED RESOURCE INFORMATION SYSTEM
PROJECT

PRC 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 Commodity-based Payment Request (PRC) document records payment activity at the commodity level. It requires entry of the commodity code and commodity information (for example quantity). Through the use of a commodity code, you can distribute the expenditure to a set of predefined accounting lines with a set distribution percentage. Fixed Asset Purchases, discounts, taxes, retainage, and procurement card activity can all be tracked with the PRC.

- Key features of the PRC document include the following: Supports entry of commodities and supporting commodity information, enabling direct payments (those with no supporting purchase order), as well as payments that reference prior transactions, for commodities to be processed within IRIS.
- Supports entry of multiple vendors at the line level, allowing multiple vendors to be referenced within the same Payment Request document
- Supports making payments against multiple budgets that span multiple budget fiscal years
- Supports tracking of Fixed Asset purchases by first identifying a fixed asset purchase at the time the payment request is accepted into the system based on the Commodity Code specified on the PRC Commodity Line.

For interfaces, PRC 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
- PRC Modification documents cannot be sent through the Interface.
- The PRC documents received through interfaces can reference PO documents.

AKSAS currently does not support recording payment at the commodity level.

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 Payment Request Commodity (PRC) document inbound interface template.

3.1 PAYMENT REQUEST COMMODITY (PRC) TRANSACTION LAYOUT

The PRC 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 PRC document showing that it will have one AMS_DOCUMENT record, one PR_DOC_HDR, one PR_DOC_VEND that can have one or multiple PR_DOC_COMM records associated with it, and one Trailer record. Each PR_DOC_COMM record can have one or many PR_DOC_ACTG records associated with it (up to 99 accounting lines). The remaining sections explain each component that constitutes a complete XML based PRC document.

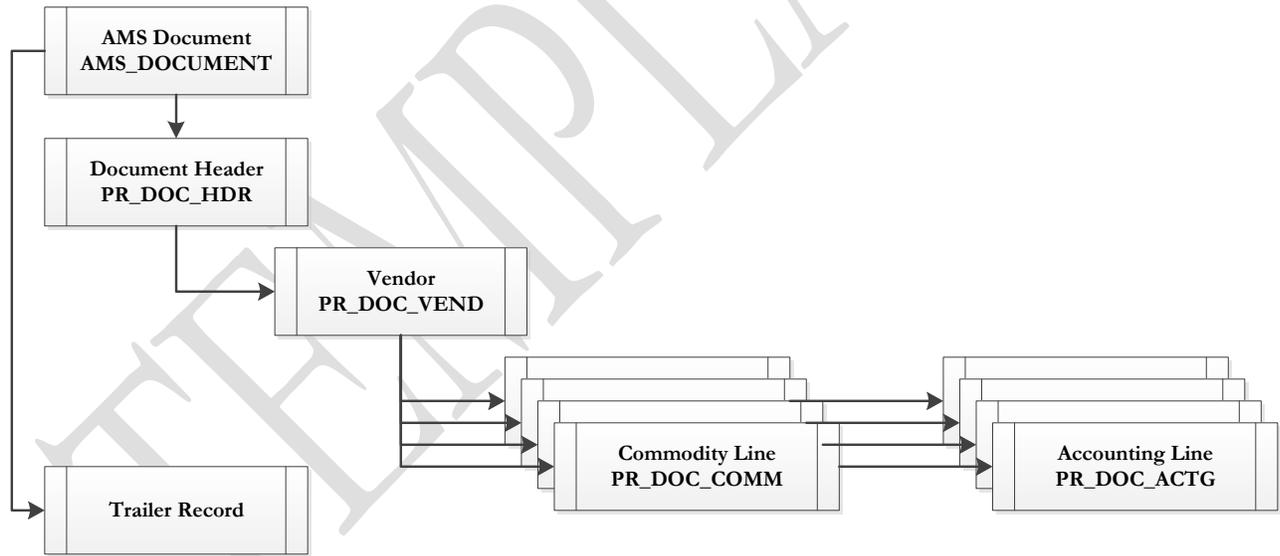
The structure of an interface file with 2 PRC documents where each document is associated with 1 vendor record and 2 commodity records, and each commodity record is associated with 2 accounting lines will be as follows:

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
Accounting record 2	Accounting record 2
Commodity record 2	Commodity record 2
Accounting record 3	Accounting record 3
Accounting record 4	Accounting record 4
Trailer record	Trailer record

Exhibit 1 PRC Transaction Required XML Components

	Action	
	Original entry	Component description
AMS_DOC_XML_IMPORT_FILE	Required	Unique Tag used to identify the beginning and ending of an inbound XML interface file.
AMS_DOCUMENT	Required	Unique Tag used to identify the beginning and ending of a document within an inbound XML interface file.
PR_DOC_HDR	Required	Unique Tag used to identify the beginning and ending of a header component within a document.
PR_DOC_VEND	Required	Unique Tag used to identify the beginning and ending of a vendor component within a document.
PR_DOC_COMM	Required	Unique Tag used to identify the beginning and ending of commodity line information.
PR_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 PRC Document Components



3.1.1 PRC 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 PRC XML example:

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

3.1.2 PRC 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 PRC 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	'AP'
			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	'PR'
			DOC_CD	Document Code	The alpha-numeric code that indicates the type of transaction.	R	VARCHAR2	8	'PRC'
			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 PRC DOCUMENT COMPONENT: PR_DOC_HDR

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

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

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

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
			EXT_PR_DESC	Extended Description	A free-form text field that will hold a large volume of information to be associated with a document component. It is larger than the regular description field, but still limited unlike attachments.	O	VARCHAR2 (1500)	1500	
			CITED_AUTH	Cited Authority	Cited Authority identifies the statutory, regulatory, or policy citation for the payment to be legally processed.	R	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	

3.1.4 PRC DOCUMENT COMPONENT: PR_DOC_VEND

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

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

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
			DOC_UNIT_CD	Document Unit	The unit code associated with this document.	R	VARCHAR2	4	Same as defined in AMS_DOCUMENT
			DOC_ID	Document ID	The unique document number assigned for this transaction.	R	VARCHAR2	20	Same as defined in AMS_DOCUMENT
			DOC_VERS_NO	Document Version Number	The version number assigned to this document.	R	NUMBER	2	Same as defined in AMS_DOCUMENT
			DOC_VEND_LN_NO	Vendor Line Number	The vendor line number visible to a user that uniquely identifies each vendor line within a document.	R	NUMBER	10	Must always be set to "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	
			VEND_SNGL_CHK_FL	Single Payment	Indicates if multiple disbursements should be combined into a single check for this vendor.	R	VARCHAR2	5	Always set to "true".
			SCHED_PYMT_DT	Scheduled Payment Date	The date that a vendor is scheduled to receive payment.	O	DATE	10	If entered, then it should be greater than or equal to the System date when the interface file is processed. Otherwise, the system will default it. Acceptable format is: "YYYY-MM-DD". Example: "2005-10-30".
			VEND_DISB_CAT	Disbursement Category	It defines the handling procedure for disbursed check payments.	O	VARCHAR2	4	If left blank, it will default from the Disbursement Category Inference and Combination Validation (DISCV) table upon

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
									processing.
			DFLT_DISB_FRMT	Disbursement Format	It indicates the format of the check stock for check payments or the ACH (Automated Clearing House) format for EFT payments.	O	VARCHAR2	4	If left blank, it will default from the VCUST table upon processing.
			AD_ID	Address Code	The Address Code or ID given to a unique address for a vendor or customer.	R	VARCHAR2	20	Must be a valid and active payment address ID for the VEND_CUST_CD on the Vendor Customer table.
			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 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 populated by the system upon processing the interface file.
			LGL_NM	Legal Name	The legally defined name of the company or individual represented by this record.	CR	VARCHAR2	60	
			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	

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
			CTRY	Country	The unique identification code associated with the country.	O	VARCHAR2	3	
			TIN	Taxpayer ID Number	The taxpayer identification number from the 1099 Reporting Information page.	CR	VARCHAR2	9	
			TIN_TYP	Taxpayer ID Type	The type associated with the taxpayer identification number. Valid values include: SSN/ITIN/ATIN or EIN.	CR	CHAR	1	

3.1.5 PRC DOCUMENT COMPONENT: PR_DOC_COMM

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

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
			DOC_CAT	Document Category	The category in which the document is located.	R	VARCHAR2	8	Same as defined in AMS_DOCUMENT
			DOC_TYP	Document Type	The type of document, defined in the Document Type table. Each document code must be assigned a document type.	R	VARCHAR2	8	Same as defined in AMS_DOCUMENT
			DOC_CD	Document Code	The alpha-numeric code that indicates the type of transaction.	R	VARCHAR2	8	Same as defined in AMS_DOCUMENT
			DOC_DEPT_CD	Document Department	The department code assigned to this document.	R	VARCHAR2	4	Same as defined in AMS_DOCUMENT
			DOC_UNIT_CD	Document Unit	The unit code associated with this document.	R	VARCHAR2	4	Same as defined in AMS_DOCUMENT
			DOC_ID	Document ID	The unique document number assigned for this transaction.	R	VARCHAR2	20	Same as defined in AMS_DOCUMENT

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 as defined 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.
			RF_DOC_CD	Commodity Ref Code	The identification code for the document referenced by this transaction.	CR	VARCHAR2	8	Leave blank if the commodity line does not reference a PO. Required if the commodity line references a PO document. In this case, must match the document code of referenced PO document.
			RF_DOC_DEPT_CD	Commodity Ref Dept	The department code of the referenced document.	CR	VARCHAR2	4	Leave blank if the commodity line does not reference a PO. Required if the commodity line references a PO document. In this case, it must match the document department code of referenced PO document.
			RF_DOC_ID	Commodity Ref ID	The identification number of the document being referenced.	CR	VARCHAR2	20	Leave blank if the commodity line does not reference a PO. Required if the commodity line references a PO document. In this case, must match the document ID of referenced PO document.
			RF_DOC_VEND_LN_NO	Commodity Ref VL	The desired vendor line number of the referenced document specified on the current transaction.	CR	NUMBER	10	Leave blank if the commodity line does not reference a PO. Required if the commodity line references a PO

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
									document. In this case, must match the Vendor Line Number of referenced PO document.
			RF_DOC_COMM_LN_NO	Commodity Ref CL	A commodity line number that was, or is, being referenced by another document.	CR	NUMBER	10	Leave blank if the commodity line does not reference a PO. Required if the commodity line references a PO document. In this case, must match the Commodity Line Number of referenced PO document.
			RF_TYP	Ref Type	Defines the type of reference being performed against the specified referenced transaction line. Final closes the referenced line, meaning additional references are not allowed. Partial does not close the referenced line, allowing additional transactions to reference this line.	CR	NUMBER	1	Leave blank if the commodity line does not reference a PO. Required if the commodity line references a PO document.
			COMM_CD	Commodity	The identification code assigned to the commodity.	CR	VARCHAR2	14	Required if the commodity line does not reference a PO document. Entered code must be valid on the Commodity table. If referencing a PO document, then leave blank and the system will infer from the referenced document upon processing the interface file.
			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	CR	NUMBER	3	Required if the commodity

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
					line is for an item or service.				line does not reference a PO document. If referencing a PO document, set to "0" and the system will infer the Line Type of referenced document upon processing the interface file.
			QTY	Quantity	The number of units being paid.	CR	DECIMAL	15,5	Required if the LN_TYP is Item Example: 50.00000
			UNIT_MEAS_CD	Unit	The identification code assigned to the unit of measure.	CR	VARCHAR2	4	If provided, must be valid on the Unit of Measure (UOM) table. Required if LN_TYP is Item and the commodity line does not reference a PO document.
			UNIT_PRICE	Unit Price	The cost per unit of the goods.	CR	DECIMAL	14,6	Required if LN_TYP is Item and the commodity line does not reference a PO document. Example: 50.000000
			CNTRC_AM	Contract Amount	This amount reflects the amount the vendor will be paid.	CR	DECIMAL	14,2	Required if the LN_TYP is Service Example: 50.00
			VEND_INV_NO	Vendor Invoice Number	The invoice number of the invoice received from the vendor. The Vendor Invoice Number must be unique and cannot already exist on the Vendor Invoice Registry table for the referenced vendor.	O	VARCHAR2	30	
			VEND_INV_LN_NO	Vendor Invoice Line	The invoice line number of the invoice received from the vendor.	O	NUMBER	10	Set to the value of the DOC_COMM_LN_NO.
			VEND_INV_DT	Vendor Invoice Date	The date of the invoice received from the vendor.	O	DATE	10	Acceptable format is: "YYYY-MM-DD". Example: "2004-10-30".

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
			CL_DSCR	CL Description	This field describes the item being procured.	CR	VARCHAR2	60	If the commodity line does not reference a PO document, then it must be provided. If referencing a PO document, then leave blank and the system will infer from the referenced document upon processing the interface file.
			CHK_DSCR	Check Description	The text to be printed on the check stub.	O	VARCHAR2	60	

3.1.6 PRC DOCUMENT COMPONENT: PR_DOC_ACTG

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

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
			DOC_CAT	Document Category	The category in which the document is located.	R	VARCHAR2	8	Same as defined in AMS_DOCUMENT
			DOC_TYP	Document Type	The type of document, defined in the Document Type table. Each document code must be assigned a document type.	R	VARCHAR2	8	Same as defined in AMS_DOCUMENT
			DOC_CD	Document Code	The alpha-numeric code that indicates the type of transaction.	R	VARCHAR2	8	Same as defined in AMS_DOCUMENT
			DOC_DEPT_CD	Document Dept	The department code assigned to this document.	R	VARCHAR2	4	Same as defined in AMS_DOCUMENT
			DOC_UNIT_CD	Document Unit	The unit code associated with this document.	R	VARCHAR2	4	Same as defined in AMS_DOCUMENT
			DOC_ID	Document ID	The unique document number assigned for this transaction.	R	VARCHAR2	20	Same as defined in AMS_DOCUMENT

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 as defined 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. Please note that the number of lines increments based on the document, not based on the commodity line. For example, if Commodity Line 1 has two accounting lines and Commodity line 2 has three accounting lines, then the accounting line numbers for the Commodity line 2 will be numbered as 3, 4 and 5.
			RFED_ACTG_LN_NO	Ref Accounting Line	An accounting line number that was, or is, being referenced by another document.	CR	NUMBER	10	Leave blank if the accounting line does not reference a PO document. Required if the accounting line references a PO document. In this case, must match the Accounting Line Number of referenced PO document.

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
			RF_TYP	Ref Type	Defines the type of reference being performed against the specified referenced transaction line. Final closes the referenced line, meaning additional references are not allowed. Partial does not close the referenced line, allowing additional transactions to reference this line.	CR	NUMBER	1	Leave blank if the accounting line does not reference a PO document. Required if the accounting line references a PO document. In this case, must always match the value on the Reference Type of associated commodity line.
			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.	CR	VARCHAR2	6	Required if the accounting line does not reference a PO document. Entered value must be valid on the Accounting Template (ACTPL) table If referencing a PO document, then leave blank and the system will infer from the referenced document upon processing the interface file.
			ACTG_LN_DSCR	Line Description	The description associated with the accounting line.		VARCHAR2	100	
			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.
			SUB_TOT_LN_AM	Sub Total Line Amount	The accounting line amount.	R	DECIMAL	14,2	
			CHK_DSCR	Check Description	The text to be printed on the check stub.	O	VARCHAR2	60	Enter reason for check issue.
			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

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

SOA			IRIS						
Field	Type	Size	Field	Caption	Description	R/C	Type	Len	Comments/Rules
					assigned to the sub-balance sheet account.				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.
			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	O	VARCHAR2	10	If entered, must be valid on the Reporting Code table.

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

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
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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 – PRC XML SAMPLE

The following file contains a sample for a Payment Request (PRC) document.



PRC 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