WideAreaWorkFlow
e-Business Suite

EDI Guide - Appendix D
810CV - Cost Voucher

Version 5.10.0
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History Page

Version	*Date*	*Change Description*
5.4.0-1	8/27/12	CAMCG166 Removed all History prior to 5.4
5.4.0-2	10/11/12	ECP_0725 - FTP/EDI Guide Changes REF Pos.50: Added “ACC” to REF01 and “Draft” to REF02 for Draft Indicator; Added Sample and “ACC” to code list
5.4.0-3	12/6/12	WIT Issue 2501 v5.4 SIT REF Pos.50: Added additional “Draft” information to notes section
5.4.0-4	12/13/12	WIT Issue 2467 v5.4 SIT BIG Pos.20, BIG05: Updated Grant to Grant/Cooperative Agreement and added Non-Procurement Instruments to Description and Notes columns. REF Pos.50, REF02: Updated Grant to Grant/Cooperative Agreement and added Non-Procurement Instruments to ”D”
5.4.1-1	02/19/13	CAMCG196 Updated to Version 5.4.1, July 2013
5.4.1-2	02/25/13	ECP_0727 - FTP/EDI Guides IT1 Pos.010, IT101: Added MOCAS edit – 4N, 4N2A, 1A3AN, “NONE” or “NONE”NN
5.5.0-1	06/06/13	CAMCG211 Updated to Version 5.5.0, January 2014
5.5.0-2	06/17/13	ECP_0742 FTP/EDI Guides IT1 Pos.010 IT101: Updated One Pay to 4N or 4N2A
5.6.0-1	01/07/14	WAWF-215 Updated to Version 5.6.0, August 2014
5.6.0-2	01/14/14	WAWF-210 IT1 Pos.010 - IT103: Updated Note column for location of UofM table to “Please refer to the iRAPT website under the Lookup dropdown for the Units of Measure Table.”
5.6.0-3	04/06/14	WAWF-323 ECP0761 - FTP/EDI Guide Updates IT1 Pos. 010, IT01: Added “The letters “I” and “O” may not be used within the Line Item Number.”
5.6.0-4	03/18/14	WAWF-487 WIT Issue 3758 v5.6 FTP Guide - Appendix A - Line 16 All Stock Part Number references updated to Product/Service ID and Stock Part Number Type references to Product/Service ID Qualifier.
5.6.0-5	04/24/14	WAWF-878 ECP_0764 - Guide updates for Product/Service ID length IT1 Pos.010: IT107 updated Max length to 48 and Notes 3rd bullet at bottom to 13/13 for “FS”
5.6.0-6	04/24/14	WAWF-861 WIT Issue 3951 v5.6 SIT ECP 764 5.6b1f2: Guide issues for Product/Service ID IT1 Pos.010: IT106 – Added note to refer to Lookup list on web; Removed list of Product/Service ID Qualifiers from the bottom
5.6.0-7	05/20/14	WAWF-1007 Updated Delivery Order Nos. to 0015 on header

5.6.0-8	07/08/14	WAWF-1283 Updated to Version 5.6.0, October 2014
5.6.0-9	07/17/14	IUID-503 IT1 Pos.010, 3rd Bullet – First sentence: Updated to 'If Product/Service ID Qualifier in IT106 is FS, then the Product/Service ID (NSN) must be 13 numeric characters reported in IT107.'
5.6.0-10	08/19/14	WAWF-1449 BIG Pos.020- BIG04: Added "Positions 10 through 13 may not be "0000"." to Contract Number edits for DoD FAR Contract. BIG05: Added "Letters "I" and "O" are not allowed. The characters "A" and "P" are prohibited in the first position. "0000" is not an acceptable value." to Delivery Order edits for DoD FAR Contract.
5.7.0-1	10/22/14	WAWF-1760 Updated to Version 5.7.0, April 2015
5.7.0-2	11/11/14	WAWF-1556 ECP0731 - FTP/EDI Guide Updates N1 pos. 070- Added "FE" to N101- Entity Identifier Codes. Added segments N105 and N106. Added sample. PER pos. 120- Added "CN" to PER01- Contact Function Code. PER02: Added conditional notes Added segments PER03-PER08. Added sample.
5.7.0-3	11/12/14	WAWF-1677 TT 2536950 - T3 184 DR 1172 - Vendor Invoice # exceeding 25 characters REF pos. 050- REF02: Updated iRAPT min/max for invoice number to 1/22.
5.7.0-4	05/21/15	WAWF-1908 ECP0794 guide updates BIG pos. 020- BIG04: Updated description of DoD Contract (FAR), added Uniform PIID (FAR 4.16) BIG05: Updated description of DoD Contract (FAR), added Uniform PIID (FAR 4.16) Updated sample Added BIG04 and BIG05 Contract Number and Delivery Order Edits REF pos. 050- REF02: Added S Uniform PIID (FAR 4.16)
5.7.0-5	05/06/15	iRAPT-53 IT1 pos. 010- IT106: Added SW to list of valid product/service ID qualifier codes for EBS
5.8.0-1	06/23/15	WAWF-2407 Updated to Version 5.8.0, November 2015

5.8.0-2	07/06/15	WAWF-2427 ECP0794 BIG pos. 020- Updated fiscal year in BIG04 and BIG05 Contract Number and Delivery Order Edits
5.8.0-3	08/24/15	DR 1274 BIG pos. 020- BIG09: Updated iRAPT min/max and requirement Notes: Added the following to BIG09- “If ‘IN’ is entered, Final Invoice Indicator in iRAPT will be set to ‘N’.” Added samples for final voucher indicator BIG09- Action Code: Added code “IN”
5.9.0-1	12/16/15	WAWF-2762 Updated version to 5.9.0 updated deployment date to June 2016
5.9.0-2	02/07/16	WAWF-2885 ITD pos. 130- iRAPT Payment System Edit Notes: MOCAS- Removed ITD04 and ITD08.
5.9.0-3	02/12/16	IRAPT-913 General Instructions- Notes: Added the following- If an Invoice is submitted and identified as a possible duplicate, the log will include the following warning message: “Please verify that this document is not a duplicate of INVNO001." This validation will not prevent the document from being created. Invoices are identified as a possible duplicate when the following criteria is met: • Contract Number and Delivery Order Number match. • Request/Invoice/Voucher Number match, excluding the trailing alpha character. • Previously submitted document status is not void. • Invoices must have the same gross amount. • Period of Performance Dates, Service Start/End Dates, and Estimated Delivery Date match. • For each matching Line Item, the Quantity Shipped and Unit Price match.
5.9.1-1	08/16/16	WAWF-3303 Updated contract number to SP4701-16-D-2001. Updated version to 5.9.1 and deployment date to October 2016.
5.10.0-1	11/18/16	IRAPT-1721 BIG pos. 020- BIG04 and BIG05 Contract Number and Delivery Order Edits: Increased fiscal year requirements by 1 for all edits of contract type DoD Contract (FAR).

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1 General Instructions

The following pages represent the iRAPT Data Element/Segment Cross Reference for the reporting information via EDI into iRAPT. The tables that follow present the usage of the Segments and Data Elements arrayed in Transaction Set Order. Only the Segments that iRAPT will accept are outlined below. The information represents 810CV (Cost Voucher) X12 transactions into Invoicing, Receipt, Acceptance and Property Transfer (iRAPT). The EDI Guide was created using the latest draft of the Implementation Conventions.

NOTE: If using a word processor program (i.e. Microsoft Word, WordPerfect, Microsoft WordPad, Microsoft Write, etc.) to create EDI files, then the text must first be cut/copied out of the word processor program and pasted into Microsoft Notepad, or another ASCII text editor and saved in the text editor, before sending the data to iRAPT. This converts the text to text-only format and removes control characters that contain formatting information.

Sending Attachments to iRAPT:

To send attachments to iRAPT that are related to an EDI transaction via SFTP, Vendors must use the attachment code "E9" (See REF Segment at Pos. 050) to associate the attachment with the transaction.

iRAPT provides Vendors the capability to manually FTP over attachments electronically. These attachments can then be referenced and attached to inbound EDI transactions. Please contact the Help Desk for assistance in setting up a directory on the FTP server to submit attachments using this method. Once set up with a directory, Vendors will need to FTP over their file as a separate action from submitting the EDI file. The attachment needs to be present on the server at the time the inbound EDI file is processed by iRAPT.

To send attachments to iRAPT via EDI, Vendors may also use the 841 EDI Transaction Set. Vendors may not use the 841 EDI Transaction Set for anything other than sending attachments.

Please refer to the EDI_iRAPT_Guide.doc for detailed EDI enveloping instructions for attachment data as only one document (i.e. one Transaction Set) can be transmitted with one 841 in an ISA/IEA when attachment data is submitted to iRAPT.

WARNING: Invoicing, Receipt, Acceptance and Property Transfer (iRAPT) is designated for Sensitive Unclassified information ONLY. Do NOT upload classified attachments into iRAPT.

Website for detailed UID information:

http://www.acq.osd.mil/dpap/pdi/uid/index.html

Website for detailed RFID information:

http://www.acq.osd.mil/log/rfid/index.htm

Each Segment table includes the following:

1. Data Segment	X12 Segment
2. Description	X12 Name
3. Element	X12 Data Element Reference Number
4. Format & Min/Max	Specific to iRAPT, not ANSI X12
5. Requirements	Depicts whether the Segment is: **M** – Mandatory – Usage is required. **O** – Optional – Can be used or not used. **C** – Conditional – Contingent upon another criteria being met. (Field is not mandatory or optional, e.g. Extension Fields to Department of Defense Activity Address Codes (DoDAAC); use if a DoDAAC is present.) See Notes Column for specific instructions. **N/A** – Not Allowed.
6. iRAPT Notes	Contains notations of the Field's usage or restrictions within iRAPT

Fields included within iRAPT display the "Type" Field depicting the value used.

- **Nv** Numeric Field where v = number of decimal positions, decimal implied (i.e. 300 will be read as 3.00)
- **R** Decimal number. If value includes decimal, then iRAPT requires decimal point and value be sent: iRAPT will NOT imply or assume decimal points. Examples:
  - 300 will be read into iRAPT as "300"
  - 3.00 will be read into iRAPT as "3"
  - 3.5 will be read into iRAPT as "3.5"
- **ID** Identifier
- **AN** Alpha/Numeric String
- **DT** All Date Fields use format CCYYMMDD
- **TM** All Time Fields use the format HHMMSS

Notes

- Above and below each Segment there are notes pertaining to iRAPT. The values that iRAPT accepts are also noted. iRAPT will ignore all codes not identified in this guide.

- The word “must” in a Segment Note implies that the Segment is mandatory. The word “may” in a Segment Note implies that this Segment is Conditional based on the terms of the contract or the needs of the contractor.

- Currency codes that allow exactly two positions to the right of the decimal may be submitted via EDI.

  Currency codes that allow greater than two positions to the right of the decimal may NOT be submitted via EDI.

  Currency codes that allow zero or one position to the right of the decimal may be submitted via EDI, however, the following rules will be applied:

  - When the amount field is defined as a numeric field (N2), the decimal positions must be submitted with one or two zeros as needed to meet the X12 requirement that exactly two decimals are required for N2 fields.

  - When the amount field is defined as a decimal number field (R) or an alpha/numeric string (AN),

    - The system will pad zeroes to right of the decimal point up to the number of digits allowed for a Currency Code.

    - The system will drop zeroes to the right of the decimal point if they exceed the number of digits allowed for a Currency Code.

    - If a non-zero number is given to the right of the maximum number of allowable decimal places as specified by the Currency Code, an error will be given.

- If an Invoice is submitted and identified as a possible duplicate, the log will include the following warning message: “Please verify that this document is not a duplicate of INVNO001." This validation will not prevent the document from being created. Invoices are identified as a possible duplicate when the following criteria is met:

  - Contract Number and Delivery Order Number match.

  - Request/Invoice/Voucher Number match, excluding the trailing alpha character.

  - Previously submitted document status is not void.

  - Invoices must have the same gross amount.

  - Period of Performance Dates, Service Start/End Dates, and Estimated Delivery Date match.

  - For each matching Line Item, the Quantity Shipped and Unit Price match.

1.1 ST Segment – Transaction Set Header, Pos. 010 – Header

NOTE: There must be only one instance of ST per transaction.

Segment	*Description*	*Element*	*iRAPT Min/Max*	*iRAPT Req.*	*iRAPT Notes*	*Type*
ST01	Transaction Header	143	3/3	M	“810”	ID
ST02	Transaction Set Control Number	329	4/9	M	Identifying control Number by Originator.	AN

Sample:

ST^810^0023

1.2 BIG Segment – Beginning Segment for Invoice, Pos. 020 – Header

NOTE: There must be only one instance of BIG per transaction.

Segment	*Description*	*Element*	*iRAPT Min/Max*	*iRAPT Req.*	*iRAPT Notes*	*Type*
BIG01	Date	373	8/8	M	CCYYMMDD – Date of Invoice	DT
BIG02	Invoice Number	76	2/22	M	Cost Voucher Number Cost Voucher Number will convert to uppercase.	AN
	MOCAS		7/8	M	First 3 positions are alpha (BVN), 4th position is alphanumeric, 5th – 7th positions are numeric, 8th position is only used for final shipment and is a Z.	
	EBS		7/8	M	First 3 positions are alpha, 4th position is alphanumeric, 5th – 7th positions are numeric, 8th position is only used for final shipment and is a Z.	
BIG03	Date	373	8/8	O	CCYYMMDD – PO Date – Contract Issue Date	DT
BIG04	Purchase Order Number	324	1/19	M	PO Number – Contract No. No special characters allowed.	AN
	DOD Contract (FAR)		13/13	M	If Contract Number Type is “DOD Contract(FAR),” please see notes below for Contract Number Edits.	
	Uniform PIID (FAR 4.16)		13/17		If Contract Number Type is “Uniform PIID (FAR 4.16),” please see notes below for Contract Number Edits. Enter GSA Contract Number in the REF02 Segment: Reference Procurement Instrument Number.	

BIG05	Release Number	328	0/19	C	Release Number – Delivery Order No. No special characters allowed.	AN
	DoD Contract (FAR)		0/13		When the selected Contract Number Type is "DoD Contract (FAR)," please see notes below for Delivery Order Edits.	
	Uniform PIID (FAR 4.16)		13/17		When the selected Contract Number Type is "Uniform PIID (FAR 4.16)," please see notes below for Delivery Order Edits.	
BIG06	Change Order Sequence Number	327	N/A	N/A	Not used.	N/A
BIG07	Transaction Type Code	640	2/2	M	See below.	ID
BIG08	Transaction Set Purpose Code	353	2/2	M	See below.	ID
BIG09	Action Code	306	1/2	M	See below.	ID

Sample:

BIG^20081001^000001^20080814^N0038310D9901^0004^^CV^00^F (Final)

BIG^20081001^000001^20080814^N0038315D9901^0004^^RH^00^IN (Not Final)

BIG^20081001^000001^20080814^N0038310D9901^0004^^DI^01^F **(**Void)

BIG^20081001^000001^20080814^N0038310D9901^0004^^DI^05^F (Void & Replace)

Notes:

- iRAPT will reject transactions with codes other than those listed below.
- iRAPT Field size limitations are noted above.
- BIG07 = "RH": Used in iRAPT to set the Navy Shipbuilding Indicator – NSI. (One Pay and Navy ERP only).
- BIG09 – If "F" is entered, Final Voucher Indicator in iRAPT will be set to "Y". If "IN" is entered, Final Voucher Indicator in iRAPT will be set to "N".

- For Void or Void & Replace documents (when BIG08 = “01” for Void or “05” for Void & Replace), the following Key data elements cannot be changed:

  Contract Number, (BIG04)
  Delivery Order Number, (BIG05)
  Invoice Number, (BIG02)

BIG07 - ***Transaction Type Codes***

RH Request for Additional Funds (Used to set the Navy Shipbuilding indicator)

CV Cost Voucher

BIG08 - ***Transaction Purpose Codes***

00 Original

01 Void

05 Void & Replace

BIG09 - ***Action Code***

F Final

IN Not Final

BIG04 and BIG05 Contract Number and Delivery Order Edits

Contract Type is “DoD Contract (FAR)”; Fiscal Year 18 and later

Contract Number Edits:

- No special characters allowed.
- Must be 13 characters in length.
- Contract cannot contain "O" or "I" at any position.
- First 6 positions must be a valid government DoDAAC.
- Positions 7 and 8 (FY parameter) must be numeric and greater than or equal to 18 and less than 66.
- Position 9 must be alpha.
- Position 9 may not be: B, E, I, J, O, Q, R, U, W, X, Y, or Z.
- Position 10 through 13 in the Contract Number may not be “0000.”

Delivery Order Number Edits:

- No special characters allowed.
- Must be 13 characters in length.
- Delivery Order Number may not contain "O" or "I" at any position.
- First 6 positions must be valid government DoDAAC.
- Positions 7 and 8 (FY parameter) must be numeric and 18 or greater and less than 66.
- Position 9 must be F.
- Position 10 through 13 in the Delivery Order Number may not be “0000” (all zeroes).
- Delivery Order is prohibited when the 9th position of the Contract Number is C, F, H, M, P, or V.

- For Acquisition, Delivery Order is required when the 9th position of the Contract Number is A, D, or G.

<u>Contract Type is "DoD Contract (FAR)"; Fiscal Year 17 and prior</u>

Contract Number Edits:

- No special characters allowed.
- Must be 13 characters in length.
- Contract cannot contain "O" or "I" at any position.
- First 6 positions must be a valid government DoDAAC.
- Positions 7 and 8 (FY parameter) must be numeric and less than 18 or greater than 65.
- Position 9 must be alpha.
- Position 9 cannot be - B, E, I, J, N, O, Q, R, T, U, or Y.
- Position 10 through 13 in the Contract Number may not be "0000."

Delivery Order Number Edits:

- No special characters allowed.
- Must be 0, 4, or 13 characters in length.
- May not contain "O" or "I" at any position.
- For Acquisition, Delivery Order required when the ninth position of Contract Number is A, D or G.
- Delivery Order prohibited when ninth position of Contract Number is C, F, M, P, V, or W.
- If the Delivery Order is 4 characters, the following edits will be applied:
  - The characters "A" and "P" are prohibited in the first position of 4-character Delivery Order Number.
  - "0000" is not acceptable value.
- If the Delivery Order is 13 characters, the following edits will be applied:
  - First 6 positions must be valid government DoDAAC.
  - Positions 7 and 8 must be numeric.
  - Position 9 must be F.
  - Positions 10 through 13 cannot be all zeroes.

<u>Contract Type is "Uniform PIID (FAR 4.16)"</u>

Contract Number Edits:

- No special characters allowed.
- Must be 13 to 17 characters in length, inclusive.
- Contract cannot contain "O" or "I" at any position.
- First 6 positions must be a valid government FEDAAC.
- Positions 7 and 8 (FY parameter) must be numeric and 16 or greater.
- Position 9 must be alpha.
- Position 9 cannot be: B, E, I, J, O, Q, R, U, W, X, Y, or Z.
- Position 10 through the end of the Contract Number may not be all zeroes.

Delivery Order Number Edits:

- No special characters allowed.
- Must be 13 to 17 characters in length, inclusive.
- Delivery Order Number may not contain "O" or "I" at any position.
- First 6 positions must be a valid government FEDAAC.
- Positions 7 and 8 must be numeric and 16 (FY parameter) or greater.
- Position 9 must be F.
- Position 10 through the end of the Delivery Order Number may not be all zeroes.

- Delivery Order is prohibited when the 9th position of the Contract Number is C, F, H, P, or V.
- For Acquisition, Delivery Order is required when the 9th position of the Contract Number is A, D, or G.

1.3 NTE Segment – Note/Special Instruction, Pos. 030 – Header

NOTES: There may be multiple instances of the NTE Segment when NTE01=”ADD”.

Comments are mandatory if there is a previously submitted final Invoice against the Contract Number and Delivery Order.

Use the NTE instead of the REF segment at Pos. 050 – Header.

Segment	***Description***	***Element***	***iRAPT Min/Max***	***iRAPT Req.***	***iRAPT Notes***	***Type***
NTE01	Note Reference Code	363	3/3	M	Enter “ADD” to submit Document Level Comments	ID
NTE02	Description	352	1/80	C	If NTE01 = “ADD”, enter Document Level Comments	AN

Sample:

NTE^ADD^These are the initiators document level comments.

<u>NTE01</u> - ***Reference Codes***

ADD – Document Level Comments

Notes:

- The delimiter character “^” is not allowed in comments.
- The comments will be concatenated into a single comment which may not exceed 2000 characters.

1.4 CUR Segment – Currency, Pos. 040 – Header

NOTE: There may be one instance of CUR per transaction.

Segment	*Description*	*Element*	*iRAPT Min/Max*	*iRAPT Req.*	*iRAPT Notes*	*Type*
CUR01	Entity ID Code	98	2/2	M	iRAPT only accepts "BY" for Buying Party (Purchaser). "BY" must be capitalized.	ID
CUR02	Currency Code	100	3/3	M		ID

Sample:

CUR^BY^EUR

Notes:

Currency codes that allow exactly two positions to the right of the decimal may be submitted via EDI.

Currency codes that allow greater than two positions to the right of the decimal may NOT be submitted via EDI.

Currency codes that allow zero or one position to the right of the decimal may be submitted via EDI, however, the following rules will be applied:

- When the amount field is defined as a numeric field (N2), the decimal positions must be submitted with one or two zeros as needed to meet the X12 requirement that exactly two decimals are required for N2 fields.
- When the amount field is defined as a decimal number field (R) or an alpha/numeric string (AN),
    - The system will pad zeroes to right of the decimal point up to the number of digits allowed for a Currency Code.
    - The system will drop zeroes to the right of the decimal point if they exceed the number of digits allowed for a Currency Code.
    - If a non-zero number is given to the right of the maximum number of allowable decimal places as specified by the Currency Code, an error will be given.

1.5 REF Segment – Reference Identification, Pos. 050 – Header

NOTE: There may be up to twelve instances of REF per transaction.

Segment	*Description*	*Element*	*iRAPT Min/Max*	*iRAPT Req.*	*iRAPT Notes*	*Type*
REF01	Reference Identification Qualifier	128	2/3	M	Bill of Lading Type – Enter 'BL' to indicate Government Bill of Lading or 'BM' to indicate Commercial Bill of Lading. Enter Attachment Code "E9" for attachments. If REF01 = "E9", enter the word "Attachment" in REF02 and the attachment name in REF03. See codes below. Enter "KL" for "Contract Number Type" If the value is not provided, the transaction will be defaulted to a value of B - DoD Contract (FAR), and all associated edits for Contract Number and Delivery Order number structure associated with DOD Contract (FAR) will be applied to the inbound file and if not met the file will fail. Enter "CT" for Reference Procurement Instrument Number or GSA Number Enter "ACC" for Status to capture Draft Indicator. See additional notes below.	ID
REF02	Reference	127	1/22	C	Invoice Number	AN

	Identification		1/30		Task Order	
			1/30		Bill of Lading Number – If REF01 = “BM”, enter Commercial Bill of Lading in REF02; If REF01 = “BL”, enter Government Bill of Lading in REF02.	
			6/6		AAA	
			1/30		If REF01 = “E9”, enter the word “Attachment” in REF02 and the attachment name in REF03.	
			1/19		If REF01 = “CT”, enter Reference Procurement Instrument Number or GSA number in REF02	
			1/1		If “KL” is entered in REF01, enter the Contract Number Type in REF02, refer to the list below: A Cooperative Agmt. B DoD Contract (FAR) C DoD Contract (Non FAR) D Grant/Cooperative Agreement; Non-Procurement Instruments E Intragovernmental F Intergovernmental G International Agmt. I Non-DoD Contract (FAR) J Non-DoD Contract (Non FAR) K Other Agreement S Uniform PIID (FAR 4.16)	
			5/5		If REF01 = “ACC” enter “Draft”	
REF03	Description	352	1/80	C	If REF01 = “E9”, enter the word “Attachment” in REF02 and the attachment name in	AN

					REF03. Attachment name, including the extension, must not exceed the maximum field length of 80 characters.	

Samples:

REF^IK^12345678

REF^BL^4578358846 (Government Bill of Lading Number)

REF^BM^4578358846 (Commercial Bill of Lading Number)

REF^E9^Attachment^ExtraMaterial.doc (Attachment sample)

REF^KL^A (Contract Type Reference Sample)

REF^CT^F0981908C7733 (Reference Procurement Sample)

REF^CT^GSA02F0013P (GSA Sample)

REF^ACC^Draft (Draft Indicator)

Notes:

- iRAPT will reject transactions with codes other than those noted below. If REF01 is used, REF02 is required.
- The attachment referenced by the “E9” code in the table above represents functionality whereby an attachment can be submitted independently and associated to a submitted EDI transaction. Vendors have the ability to have the SAM set up an attachment directory that will allow the vendor to submit attachments for EDI transactions directly to the FTP Server.
- There may be multiple instances of attachments per transaction as long as the total number of REF Segments does not exceed 12.
- When EDI submissions are identified as a “Draft”, the system will process them inbound using the following minimal data set requirements:
    - Vendor CAGE
    - Contract Number Type (Defaults to DoD Contract (FAR) if not entered)
    - Contract Number
    - Delivery Order Number
    - Pay Official DoDAAC
    - Document Type
    - Routing DoDAACs depending on the document type and pay system
    - Invoice/Shipment Number depending on the document type
    - If any Line Item data is submitted, the Item No is mandatory

- Once submitted as a “Draft”, all documents must be processed via the web interface using the current “Save and Continue” functionality. There will be no ability to “add to a document” via additional electronic submissions.

REF01 - ***Reference Id Qualifier***

12 Billing Account (used to report AAA)

BL Government Bill of Lading

BM Commercial Bill of Lading

E9 Attachment Code

IK Invoice Number

K5 Task Order

SI Shippers ID Number for Shipment (iRAPT will ignore)

CT Reference procurement Instrument Number or GSA Number

KL Contract Reference

ACC Status (used to capture the Draft Indicator)

1.6 N1 Segment– Name Segment, Pos. 070 – Header

NOTES: There must be at least five N1 Loops per transaction.

If N102 is entered, follow iRAPT specific requirements below for entering Address data. If all Address Fields are left blank (N102, N2, N3, and N4) Address information will be defaulted.

All addressing Segments (N102, N3, and N4) must be **completed** if an address is being entered. If a Location Code is being entered, then addressing data is not necessary. If Address data is being entered, these Fields at a minimum must be entered:

- For U.S. Addresses, Fields N102, N301, N401, N402, and N403 are the minimum required to complete the Address. Other Fields are optional.
- For Non-U.S. Addresses, Fields N102, N301, N401, N402, N403, and N404 are the minimum required to complete the Address. Other Fields are optional.
- For U.S. Military Addresses, Fields N102, N301, N403, N405, and N406 are the minimum required to complete the Address. Other Fields are optional.

For entry of an APO/FPO address, enter the APO/FPO Zip Code in the N403, the Military Address Indicator (i.e. AR) in the N405 and the APO/FPO code (i.e. AA, AE, or AP) in the N406.

The N1 loop may also be used to submit email addresses to which iRAPT will forward an additional workflow notice for the document. When submitting email addresses, only the N1 and PER segments should be submitted in the N1 loop.

Segment	*Description*	*Element*	*iRAPT Min/Max*	*iRAPT Req.*	*iRAPT Notes*	*Type*
N101	Entity Identifier	98	2/2	M	See codes below. To submit email addresses to which an additional workflow notice should be sent, submit “FE” in N101.	ID
N102	Name – Free form name	93	1/60	C	Name (Activity1) – Mandatory only if Address data is being entered, otherwise should not be entered. To submit email addresses to which an additional workflow notice should be sent, enter the name of the organization in N102 when N101 = “FE”.	AN

N103	Identification Code Qualifier	66	1/2	C	Mandatory when submitting address data. 1 D-U-N-S Number, Dun & Bradstreet 9 D-U-N-S+4, D-U-N-S Number with four character suffix 10 DoDAAC 33 CAGE A2 MAPAC Not used when submitting email addresses to which an additional workflow notice should be sent.	ID
N104	Identification Code – code sited in Field 3	67	5/19	C	Mandatory when submitting address data. Enter CAGE, DUNS, DUNS+4, or DoDAAC or MAPAC if applicable. Extensions are not allowed when N101 has an identifier code of BY, C4 or PR. Not used when submitting email addresses to which an additional workflow notice should be sent.	AN
N105	Entity Relationship Code	706	N/A	N/A	Not used.	N/A
N106	Entity Identifier Code	98	2/2	C	Not used when submitting address data. Used when submitting email addresses to which an additional workflow notice should be sent. NP – Notify Party for Shipper's Order	AN

Sample:

N1^BY^^10^N00253

N1^PE^^33^96214SUB (Sample with Extension)

N1^PR^Pay Official Name^N68688 (Sample where full address is used)

N1^FE^DCMA^^^^NP (Sample for submitting email addresses)

Notes:

- iRAPT rejects transactions with codes other than those listed below.
- Payee (PE) is mandatory.
- Issue By DoDAAC (BY) is optional, however, if it is available for Navy Shipbuilding transactions, entering it is strongly advised (N101 = BY).
- Admin DoDAAC (C4) is mandatory.
- DCAA Auditor DoDAAC (L1) is mandatory.
- Payer DoDAAC (PR) is mandatory.
- Service Approver DoDAAC (SV) is mandatory.
- LPO (PO) is mandatory on One Pay Cost Voucher documents (Direct and Non-Direct).
- LPO (PO) must be a valid SUPSHIP DoDAAC for One Pay when BIG07 = "RH" (Navy Shipbuilding indicator is set).
- Use of the Cost Voucher requires entry of a valid DCAA DoDAAC for the Auditor function (Cost Voucher Approver, L1 Code). To determine the appropriate DCAA DoDAAC to enter on your document please refer to the iRAPT Website (https://wawf-ra.eb.mil/ and then click: Find DCAA DoDAAC in Audit Office Locator link). Enter the appropriate information on the DCAA Web page to determine the appropriate DCAA Audit Office DoDAAC.
- Service Approver for EBS must be non-DSS (may not be a DoDAAC that ties to a Depot).
- Standard Pay DoDAACs – EDI inbound with a Standard Pay DoDAAC will only allow document types to be submitted that the Pay DoDAAC is signed up for and activated to receive Standard Workflow Extracts for. If any other document type is submitted for which the Standard Pay DoDAAC is not signed up to receive Standard Extracts, the document will be rejected with an error message.
- Standard Pay DoDAAC LPO Edit – iRAPT does not allow the entry of an LPO Location Code if the Pay office on the document is a Standard Pay DoDAAC. If an LPO is given, the file will be rejected with an error message, therefore when N101 = PO (LPO DoDAAC is not allowed for the Standard Pay System).
- A Contractor DoDAAC may be submitted in any field where a CAGE, DUNS, or DUNS+4 is permitted except where N101 = PE for Vendor.

N101 - ***Entity Identifier Codes***

BY	Bill To (Buying Party)	PR	Payer
C4	Contract Administration Office	SV	Service Performance Site (Service Approver DoDAAC)

PE Payee

PO Party to Receive Invoice (LPO)

L1 Inspection Location (DCAA Auditor DoDAAC)

FE Mail Address

N103 - ***Id Code Qualifier***

1 D-U-N-S Number, Dun & Bradstreet

9 D-U-N-S+4, D-U-N-S Number with four character suffix

10 DoDAAC

33 CAGE

A2 MAPAC

N106 - ***Entity Identifier Code***

NP – Notify Party for Shipper's Order

1.7 N2 Segment, Pos. 080 – Header

NOTES: There may be one instance of N2 per N1 Loop for iRAPT.

Refer to Address rules for iRAPT, noted in N1 Segment.

Segment	***Description***	***Element***	***iRAPT Min/Max***	***iRAPT Req.***	***iRAPT Notes***	***Type***
N201	Name – free form	93	1/60	C	Name Activity 2	AN
N202	Name – free form	93	1/60	O	Name Activity 3	AN

Sample:

N2^Name Activity 2

1.8 N3 Segment, Pos. 090 – Header

NOTES: iRAPT will only accept up to two instances of the N3 for each N1 Loop.

Refer to Address rules for iRAPT, noted in N1 Segment.

Segment	***Description***	***Element***	***iRAPT Min/Max***	***iRAPT Req.***	***iRAPT Notes***	***Type***
N301	Address Information	166	1/55	C		AN
N302	Address Information	166	1/55	O		AN

Sample:

N3^Address Information

1.9 N4 Segment, Pos. 100 – Header

NOTES: There may be one instance of N4 per N1 Loop.

Refer to Address rules for iRAPT, noted in N1 Segment.

Segment	*Description*	*Element*	*iRAPT Min/Max*	*iRAPT Req.*	*iRAPT Notes*	*Type*
N401	City Name	19	2/30	C		AN
N402	State or Province Code	156	2/2	C		ID
N403	Postal Code	116	3/15	C	If the Service Approver To Address is an APO or FPO, then cite the APO or FPO Zip Code.	ID
N404	Country Code	26	2/2	C		ID
N405	Location Qualifier	309	2/2	C	Enter AR for Armed Service Location Designator (For APO/FPO).	ID
N406	Location Identifier	310	2/6	C	Enter APO/FPO and 2 letter code (i.e. AA, AE, or AP) AA Miami AE New York AP San Francisco Example: FPO AP, APO AE	AN

Samples:

US Address
N4^Orlando^FL^32043

Non-US Address
N4^Madrid^^28000^SP

US Military Address
N4^^^96612-2872^^AR^FPO AP (i.e. Ship Address: USS ABRAHAM LINCOLN CVN 72 FPO AP 96612-2872)

<u>N405</u> – ***Location Qualifier***

AR Armed Services Location Destination (Use to indicate an APO or FPO)

Note:

If an APO/FPO Address is being entered, the Vendor must enter the information (noted above in Notes section) in the N403, N405, and N406.

1.10 PER Segment – Administrative Communications Contact, Pos. 120 – Header

NOTES: There must be one instance of PER per transaction.

PER Segment must be entered as part of N1 Loop for Payee to identify user-submitting transaction – User ID.

Segment	*Description*	*Element*	*iRAPT Min/Max*	*iRAPT Req.*	*iRAPT Notes*	*Type*
PER01	Contact Function Code	366	2/2	M	See codes below.	ID
PER02	Name – free form	93	8/30	C	Mandatory when submitting the N1 Loop for Payee. iRAPT User ID: This User ID is for the individual responsible for the document/transaction being submitted. The User ID is the personal iRAPT User ID for Web access. Not used when submitting the N1 Loop for email addresses.	AN
PER03	Communication Number Qualifier	365	2/2	C	Only used when submitting the N1 Loop for email addresses. EM – Electronic Mail	ID
PER04	Communication Number	364	1/80	C	Only used when submitting the N1 Loop for email addresses. Enter email address.	AN
PER05	Communication Number Qualifier	365	2/2	C	Only used when submitting the N1 Loop for email addresses. EM – Electronic Mail	ID
PER06	Communication Number	364	1/80	C	Only used when submitting the N1 Loop for email addresses. Enter email address.	AN

PER07	Communication Number Qualifier	365	2/2	C	Only used when submitting the N1 Loop for email addresses. EM – Electronic Mail	ID
PER08	Communication Number	364	1/80	C	Only used when submitting the N1 Loop for email addresses. Enter email address.	AN

Samples:

PER^IC^PSKJ2400

PER^CN^^EM^john@gmail.com^EM^jane@gmail.com^EM^mark@gmail.com

Notes:

iRAPT will ignore codes other than the ones noted below.

When submitting email addresses, the PER segment may be repeated up to three times per N1 Loop, allowing for a total of nine email addresses.

PER01 - ***Contact Function Code***

IC Information Contact

CN General Contact

1.11 ITD Segment – Terms of Sale/Deferred Terms of Sale, Pos. 130 – Header

NOTE: There may be up to five instances of ITD per transaction; instances may be limited based on Payment System limitations as identified below.

Segment	*Description*	*Element*	*iRAPT Min/Max*	*iRAPT Req.*	*iRAPT Notes*	*Type*
ITD01	Terms Type Code	336	2/2	M	See codes below.	ID
ITD02	Terms Basis Date Code	333	N/A	N/A	Not used.	N/A
ITD03	Terms Discount Percent – Discount percentage	338	1/6	O		R
ITD04	Terms Discount Due Date	370	8/8	O		DT
ITD05	Terms Discount Days Due	351	1/2	C	See notes below.	N0
ITD06	Terms Net Due Date –	446	N/A	N/A	Not used.	N/A
ITD07	Terms Net Days	386	2/2	O	See notes below.	N0
ITD08	Terms Discount Amount	362	1/13	O	See notes below. This Field is affected by currency code. See notes below.	N2

Samples:

ITD^08^^5.25^^20 (Basic Discount Offered with Terms Discount Percent and Terms Discount Days Due)

ITD^22^^^20081030^^^^10000 (Cash Discount with Terms Discount Date and Terms Discount Amount)

ITD^08^^^^^^30 (Basic Discount Offered with Terms Net Days)

Notes:

- For iRAPT, discounts are optional, however if discounts are being entered, please use either an ITD Segment with a discount type, a discount percent and a number of days or a discount type, a discount date and a discount amount, or a discount type and a net days.

- ITD01 is mandatory for iRAPT.
- ICs allow for ITD02. iRAPT will reject transactions containing ITD02.
- iRAPT will reject transactions containing ITD09 and/or ITD10.
- iRAPT will reject transactions containing any code other than “22” or “08” in ITD01.
- iRAPT requires ITDs be used in the following pairs: ITD03 and ITD05, ITD04 and ITD08, or ITD07.

ITD08 – ***Discount Amount***

Currency codes that allow exactly two positions to the right of the decimal may be submitted via EDI.

Currency codes that allow greater than two positions to the right of the decimal may NOT be submitted via EDI.

Currency codes that allow zero or one position to the right of the decimal may be submitted via EDI, however, the following rules will be applied:

- When the amount field is defined as a numeric field (N2), the decimal positions must be submitted with one or two zeros as needed to meet the X12 requirement that exactly two decimals are required for N2 fields.
- When the amount field is defined as a decimal number field (R) or an alpha/numeric string (AN),
    - The system will pad zeroes to right of the decimal point up to the number of digits allowed for a Currency Code.
    - The system will drop zeroes to the right of the decimal point if they exceed the number of digits allowed for a Currency Code.
    - If a non-zero number is given to the right of the maximum number of allowable decimal places as specified by the Currency Code, an error will be given.

iRAPT Payment System Edit Notes:

- **MOCAS:** Allows for only the discount combination of ITD03 and ITD05. Discount percentage is limited to NN.NN.
- **CAPS-C/W:** Allows for up to three sets of ITD03 and ITD05. An ITD07 (Net Days) discount is allowed. More than three sets of ITD03 and ITD05 or any ITD04 and ITD08 combinations will be rejected. Discount percentage is limited to NN.NNN.
- **One Pay:** Allows two ITD03 and ITD05 combinations or one ITD04 and ITD08 combination. Also, one ITD07 is allowed. Discount percentage is limited to NN.NN.

- **IAPS-E:** Allows for an IT103 and IT105, an IT104 and IT108 combination, or an IT107. Only one discount combination is allowed. Discount percentage is limited to NN.NN.
- **EBS:** Allows for only one discount combination consisting of ITD03 and ITD05. Discount percentage is limited to NN.N.
- **Navy ERP:** Allows up to five instances of ITD03 and ITD05 or ITD08 and ITD04 or ITD07. Navy ERP allows only one entry for NET Days ITD07.

ITD01 - ***Terms Type Codes***

08 Basic Discount Offered

22 Cash Discount Terms Apply

1.12 DTM Segment – Date/Time Reference, Pos. 140 – Header

NOTES: There must be two instances (1 pair) of DTM to indicate a range of dates (expressed as period start – period end).

iRAPT only accepts at the document level, not the Line Item level.

Segment	*Description*	*Element*	*iRAPT Min/Max*	*iRAPT Req.*	*iRAPT Notes*	*Type*
DTM01	Date/Time Qualifier	374	3/3	M	See codes below.	ID
DTM02	Date	373	8/8	M	Date - CCYYMMDD	DT

Samples:

DTM^193^20080803

DTM^194^20080930

<u>DTM01</u> – *Date/Time Qualifier*

193 Period Start

194 Period End

or

186 Service Start Date

187 Service End Date

1.13 FA1 Segment – Type of Financial Accounting Data, Pos. 290 – Header - Not used for Cost Vouchers

1.14 FA2 Segment – Accounting Data, Pos. 300 – Header - Not used for Cost Vouchers

1.15 IT1 Segment – Base Item Data, Pos. 010 – Detail

NOTES: There must be one instance of IT1 per Line Item (IT1) Loop.

The IT1 Loop may loop up to 999 times per transaction for iRAPT. The 999 instances allowed, however, must be reduced by the number of SAC or TXI items include on the Invoice.

Segment	*Description*	*Element*	*iRAPT Min/Max*	*iRAPT Req.*	*iRAPT Notes*	*Type*
IT101	Assigned Identification – CLIN, SUBCLIN or ELIN	350	4/6	M	Line Item Number If characters are sent in lowercase, then they will be converted to uppercase. The letters “I” and “O” may not be used within the Line Item Number.	AN
	IAPS-E, CAPS-C/W				4 AN or 6 AN	
	MOCAS				4N, 4N2A, 1A3AN, “NONE” or “NONE”NN	
	EBS				4N or 4N PLUS 2A	
	One Pay				4N, 4N2A	
	Navy ERP				CLIN (4N), SLIN (4N + 2AN) or ELIN (1A + 3AN)	
IT102	Quantity Invoiced	358	1/10	M	Number allows 8 before the decimal and 2 after the decimal (R8.2). (The Field size noted, 1/10, is the ANSI Field size. For iRAPT, the Field size is R8.2)	R8.2
	EBS		1/10	M	If decimals are submitted, there may be 8 to the left and 2 to the right of the decimal, or 7 to the left and 3 to the right of the decimal. If DSS Ship To, Quantity must be a whole number with maximum field size of 10.	R
	MOCAS		1/8		No decimals allowed.	N
IT103	Unit or Basis of Measurement Code	355	2/2	M	When a MOCAS DoDAAC is used and “LO” (lot) code is used as the Unit of Measure and zero is reported for Quantity Shipped, the total for the Line Item will be computed to be the Unit Price amount.	ID

					Please refer to the iRAPT website under the Lookup dropdown for the Units of Measure Table.	
IT104	Unit Price MOCAS, One Pay EBS	212	1/16 1/15 1/15	M M M	Negative Amount Allowed	R9.6 R9.5 R9.6
IT105	Basis of Unit Price Code	639	N/A	N/A	Not used.	N/A
IT106	Product/Service ID Qualifier EBS	235	2/2	M	Please refer to the Product/Service ID Qualifier Codes table maintained under the "Lookup" tab on the iRAPT website. Codes must be capitalized. Only ‘FS,’ ‘IB,’ ‘MG,’ ‘N4,’ ‘SV,’ ‘SW,’ ‘UK,’ ‘UX,’ ‘VC,’ and ‘VP’ are allowed.	ID
IT107	Product/Service ID	234	1/48	M		AN

Samples:

IT1^0001AB^50^EA^2500.25^^FS^8765432145678

IT1^0001AB^50^EA^2500.25^^MG^NONE

IT1^0004^1^LO^55000^^SV^SERVICES (“SV” in IT106 not allowed for MOCAS)

IT1^KA02^14^BX^132.55^^MG^MgfPartNumber999

Notes:

- iRAPT will reject transactions with IT106 codes that are not listed within the Product/ Service ID Qualifier Codes table.
- iRAPT will only accept 1 pair of product/service data (IT106/IT107).
- If Product/Service ID Qualifier in IT106 is FS, then the Product/Service ID (NSN) must be 13 numeric characters reported in IT107. If an NSN is available, use “FS” in IT106 and the associated number in IT107. If you have other pertinent information associated with any other codes for the shipment, then enter that information (e.g. “CL” entered in IT106) and the pertinent color/information (e.g., blue or yellow, etc.) in IT107. If an NSN is not associated with the shipment, use any code other than “FS” in IT106 and the word “NONE” in IT107.

- For One Pay Cost Voucher Direct documents, use the IT1 loop to report LLA information at the ACRN level to look like the sample below.
- The IC requires that after the first IT1, cite ACRN0001 and increment one thereafter for each ACRN.

Sample for One Pay-ACRN breakout:

IT1^0001^1^EA^24.00^^B8^0001
PID^F^^^^Line Item 0001 Description
IT1^ACRN0001 (1st ACRN identifier)
SLN^1^^O^^^12.00 **(ACRN Amount)**
FA1^DD
FA2^K6^AA **(ACRN)**
FA2^J1^N3225307RQ43015**(SDN)**
FA2^L1^060957 **(AAA)**
IT1^ACRN0002 (2nd ACRN identifier)
SLN^1^^O^^^12.00
FA1^DD
FA2^K6^AB
FA2^J1^ N3225307RQ43015
FA2^L1^067443

1.16 PID Segment – Product/Item Description, Pos. 060 – Detail

NOTES: There must be one instance of PID per IT1 Loop. A maximum of 25 are allowed.

Segment	*Description*	*Element*	*iRAPT Min/Max*	*iRAPT Req.*	*iRAPT Notes*	*Type*
PID01	Item Description Type	349	1/1	M	See code below.	ID
PID02	Product/Process Characteristic Code	750	N/A	N/A	Not used.	N/A
PID03	Association Qualifier Code	559	N/A	N/A	Not used.	N/A
PID04	Produce Description Code	751	N/A	N/A	Not used.	N/A
PID05	Description	352	1/75	M	Free Form Description.	AN

Sample:

PID^F^^^^9mm Ammo Rounds

Notes:

- iRAPT allows for one to 75 characters of description in the PID05.
- iRAPT will not allow more than 25 instances of PID Segment per IT1 Loop.
- iRAPT rejects transactions without a PID.

<u>PID01</u> – *Item Description Type*

F Free Form

1.17 REF Segment – Reference Identification, Pos. 120 – Detail

NOTES: There may be one or more instances of REF per Line Item (IT1) Loop.

Segment	*Description*	*Element*	*iRAPT Min/Max*	*iRAPT Req.*	*iRAPT Notes*	*Type*
REF01	Reference Identification Qualifier	128	2/2	M	See codes below	ID
REF02	Reference Identification	127	2/2	M	ACRN	AN
			1/30		Standard Document Number (SDN)	
	One Pay		13/15		SDN must be 13, 14, or 15 alphanumeric characters for One Pay when AAI is not found in the DOD AAI table. Standard Document Number (SDN) must be 9, 13, 14 or 15 alphanumeric characters for One Pay when AAI is found in the DOD AAI table.	
	One Pay, Navy ERP		6/6		. AAA is allowed for Navy ERP and One Pay only. If ACRNs are sent in lowercase, they will be converted to uppercase. The SDN is not converted to uppercase.	
			1/30		Purchase Request Number	
REF03	Description	352	1/13	C	ACRN Dollar Amount – enter when multiple ACRNs are reported. The dollar amount is required for a single ACRN when the Pay System is One Pay. No dollar signs are allowed, only numbers and decimals values. (Example: 500.00 or 200.16) Type is R10.2	AN

					for ACRN price only. Negative dollar amounts are allowed for ACRN. ACRN Price is affected by currency code. See notes below.	

Samples:

REF^AT^AB (Single ACRN)

or

REF^AT^AA^500 (Multiple ACRN)
REF^AT^AB^300
REF^AT^AC^359.78
REF^AT^AD^-4.05

REF^12^068688 (AAA)

Notes:

- IC allows REF01codes listed below. iRAPT will ignore REF01 codes other than those listed below.
- iRAPT will ignore REF01 if REF02 if not populated.
- iRAPT will use Reference Code AT for ACRN if only an ACRN is being submitted and no other FA-type data is being submitted.
- For One Pay and EBS, ACRN amount must be between -999,999,999.99 and 999,999,999.99 and can only contain up to 2 digits to the right of the decimal. For all other pay systems, ACRN amount must be between -9,999,999,999.99 and 9,999,999,999.99 and can only contain up to 2 digits to the right of the decimal.

REF03 – ***ACRN Price***

Currency codes that allow exactly two positions to the right of the decimal may be submitted via EDI.

Currency codes that allow greater than two positions to the right of the decimal may NOT be submitted via EDI.

Currency codes that allow zero or one position to the right of the decimal may be submitted via EDI, however, the following rules will be applied:

- When the amount field is defined as a numeric field (N2), the decimal positions must be submitted with one or two zeros as needed to meet the X12 requirement that exactly two decimals are required for N2 fields.

- When the amount field is defined as a decimal number field (R) or an alpha/numeric string (AN),
    - The system will pad zeroes to right of the decimal point up to the number of digits allowed for a Currency Code.
    - The system will drop zeroes to the right of the decimal point if they exceed the number of digits allowed for a Currency Code.
    - If a non-zero number is given to the right of the maximum number of allowable decimal places as specified by the Currency Code, an error will be given.

iRAPT Payment System Edit Notes:

MOCAS, One Pay, Navy ERP, EBS and IAPS-E:

- Except for One Pay documents, if single ACRN is submitted, the ACRN dollar amount is optional in REF03. However, if submitted, the amount must match the extended Line Item total. One Pay ACRN entries must have ACRN amounts in REF03.
- If multiple ACRNs are submitted, the ACRN dollar amount is mandatory in REF03 and the sum of the ACRN dollar amounts must balance to the extended Line Item total.
- AAA is only allowed on One Pay and Navy ERP.

REF01 - ***Reference Codes***

CA Standard Document Number (SDN)

AT ACRN

12 Billing Account (used to report AAA)

11 Purchase Request Number

1.18 SLN Segment – Subline Item Detail, Pos. 200 – Detail

NOTES: There may be one instance of SLN per IT1 Loop to report ACRN price when LLA information is reported at the detail (Line Item and ACRN) level.

iRAPT will ignore ACRN price for LLA data.

Segment	*Description*	*Element*	*iRAPT Min/Max*	*iRAPT Req.*	*iRAPT Notes*	*Type*
SLN01	Assigned Identification	350	1/1	M	iRAPT only accepts “1.”	AN
SLN02	Assigned Identification	350	N/A	N/A	Not used.	N/A
SLN03	Relationship Code	662	1/1	M	iRAPT only accepts “O” – Information Only.	ID
SLN04	Quantity	380	N/A	N/A	Not used.	N/A
SLN05	Unit or Basis of Measurement Code	355	N/A	N/A	Not used.	N/A
SLN06	Unit Price	212	1/12	C	Unit Price	R10.2

Sample:

SLN^1^^O^^^12.00

Note:

- For One Pay and EBS, ACRN amount must be between -999,999,999.99 and 999,999,999.99 and can only contain up to 2 digits to the right of the decimal. For all other pay systems, ACRN amount must be between -9,999,999,999.99 and 9,999,999,999.99 and can only contain up to 2 digits to the right of the decimal.

1.19 FA1 Segment – Type of Accounting Data, Pos. 350 – Detail Not used for Cost Vouchers

1.20 FA2 Segment – Accounting Data, Pos. 360 – Detail - Not used for Cost Vouchers

1.21 TDS Segment – Total Monetary Value Summary, Pos. 010 – Summary

NOTE: There must be only one instance of TDS per transaction.

Segment	*Description*	*Element*	*iRAPT Min/Max*	*iRAPT Req.*	*iRAPT Notes*	*Type*
TDS01	Amount	610	1/15	M	Total amount of the voucher before discount. iRAPT requires TDS01 to be reported. The total amount of the voucher reported must be correct according to the data submitted with the document or the document will be rejected by iRAPT. Total amount of the voucher includes all taxes, charges, and line item totals, minus any allowances. On a final voucher (to close out a contract), “0” (Zero) may be the amount reported. Negative amounts are not allowed for the document total. This field is affected by currency code. See notes below.	N2

Sample:

TDS^75268

Notes:

<u>TDS01</u> – *Amount*

Currency codes that allow exactly two positions to the right of the decimal may be submitted via EDI.

Currency codes that allow greater than two positions to the right of the decimal may NOT be submitted via EDI.

Currency codes that allow zero or one position to the right of the decimal may be submitted via EDI, however, the following rules will be applied:

- When the amount field is defined as a numeric field (N2), the decimal positions must be submitted with one or two zeros as needed to meet the X12 requirement that exactly two decimals are required for N2 fields.

- When the amount field is defined as a decimal number field (R) or an alpha/numeric string (AN),
    - The system will pad zeroes to right of the decimal point up to the number of digits allowed for a Currency Code.
    - The system will drop zeroes to the right of the decimal point if they exceed the number of digits allowed for a Currency Code.
    - If a non-zero number is given to the right of the maximum number of allowable decimal places as specified by the Currency Code, an error will be given.

1.22 TXI Segment – Tax Information, Pos. 020 – Summary

NOTE: There may be one to 10 instances of TXI per transaction.

Segment	*Description*	*Element*	*iRAPT Min/Max*	*iRAPT Req.*	*iRAPT Notes*	*Type*
TXI01	Tax Type Code	963	2/2	M	See codes below.	ID
TXI02	Monetary Amount	782	1/16	M	Should be the same type as Unit Price.	R9.6
	One Pay		1/12		This field is affected by currency code. See notes below.	R9.2

Sample:

TXI^CA^787.25

Notes:

iRAPT will only allow for Tax Type codes listed below in the TX101.

<u>TXI02</u> – *Monetary Amount*

Currency codes that allow exactly two positions to the right of the decimal may be submitted via EDI.

Currency codes that allow greater than two positions to the right of the decimal may NOT be submitted via EDI.

Currency codes that allow zero or one position to the right of the decimal may be submitted via EDI, however, the following rules will be applied:

- When the amount field is defined as a numeric field (N2), the decimal positions must be submitted with one or two zeros as needed to meet the X12 requirement that exactly two decimals are required for N2 fields.
- When the amount field is defined as a decimal number field (R) or an alpha/numeric string (AN),
    - The system will pad zeroes to right of the decimal point up to the number of digits allowed for a Currency Code.
    - The system will drop zeroes to the right of the decimal point if they exceed the number of digits allowed for a Currency Code.
    - If a non-zero number is given to the right of the maximum number of allowable decimal places as specified by the Currency Code, an error will be given.

iRAPT Payment System Edit Notes:

- MOCAS/EBS: Does not use the TXI Segment.
- One Pay: Allows taxes, yet is limited to three tax Segments per Invoice and is optional. Since TXI02 matches the Unit Price, up to two positions to the right of the decimal point are allowed (R9.2). Taxes are not permitted for One Pay Cost Vouchers associated with Navy Shipbuilding (BIG07 = "RH").
- CAPS-C/W: Taxes are allowed.
- IAPS-E: Allows taxes; each value may be entered only once and is optional.

TXI01 - ***Tax Type Code***

CA City Tax

F1 FICA

FI FITW

FD Federal Tax

FT Federal Excise Tax

GR Gross Receipts Tax

LO Local Tax (Not Sales Tax)

LS State & Local Sales Tax

SA State Fuel Tax

SE State Excise Tax

1.23 SAC Segment – Service, Promotion, Allowance or Charge Info, Pos. 040 – Summary

NOTE: There may be one instance of SAC for each SAC Loop.

Segment	*Description*	*Element*	*iRAPT Min/Max*	*iRAPT Req.*	*iRAPT Notes*	*Type*
SAC01	Allowance or Charge Indicator	248	1/1	M	A for Allowance or C for Charge	ID
SAC02	Service Promotion Allowance or Charge Code	1300	4/4	M	See codes below.	ID
SAC03	Agency Qualifier Code	559	N/A	N/A	Not used.	N/A
SAC04	Agency Service Code	1301	N/A	N/A	Not used.	N/A
SAC05	Amount	610	1/15	M	Amount This Field is affected by currency code. See notes below.	N2
SAC06	Allowance/Charge Percent Qualifier	378	N/A	N/A	Not used.	N/A
SAC07	Percent	332	N/A	N/A	Not used.	N/A
SAC08	Rate	118	N/A	N/A	Not used.	N/A
SAC09	Unit or Basis of Measurement Code	355	N/A	N/A	Not used.	N/A
SAC10	Quantity	380	N/A	N/A	Not used.	N/A
SAC11	Quantity	380	N/A	N/A	Not used.	N/A
SAC12	Allowance/Charge Method Handling Code	331	N/A	N/A	Not used.	N/A
SAC13	Reference Number	127	N/A	N/A	Not used.	N/A
SAC14	Option Number	770	N/A	N/A	Not used.	N/A
SAC15	Description – free form description	352	1/75	O	Description If not entered, iRAPT will default to the Description of the Fee/Allowance.	AN

Sample:

SAC^C^B050^^^2500^^^^^^^^^^description

Notes:

All Entitlement Systems require the attachment of a document substantiating miscellaneous transportation charges greater than $100.

- ICs allow for "any code except those that are tax related" in SAC02. iRAPT will reject transactions that include a code not listed below.

SAC05 – *Amount*

Currency codes that allow exactly two positions to the right of the decimal may be submitted via EDI.

Currency codes that allow greater than two positions to the right of the decimal may NOT be submitted via EDI.

Currency codes that allow zero or one position to the right of the decimal may be submitted via EDI, however, the following rules will be applied:

- When the amount field is defined as a numeric field (N2), the decimal positions must be submitted with one or two zeros as needed to meet the X12 requirement that exactly two decimals are required for N2 fields.
- When the amount field is defined as a decimal number field (R) or an alpha/numeric string (AN),
    - The system will pad zeroes to right of the decimal point up to the number of digits allowed for a Currency Code.
    - The system will drop zeroes to the right of the decimal point if they exceed the number of digits allowed for a Currency Code.
    - If a non-zero number is given to the right of the maximum number of allowable decimal places as specified by the Currency Code, an error will be given.

iRAPT Payment System Edit Notes:

- **MOCAS:** Optional and only allows for I260 or F460 in the SAC02.
    - Allowances are not permitted for MOCAS.
- **EBS:** Optional and only allows for I260. The amount that follows must be <$250.00.
- **One Pay:** Optional and allows any valid miscellaneous fee, yet only allows for three fees and allowances per Invoice. However, if Vendor wants to submit direct transportation charges (Miscellaneous Charge Code I260) then must submit as CLIN9999, with line item type of 1, Product/Service ID of "NONE," Product/Service ID Qualifier of VP, Quantity of 1, Unit of Measure of EA, and Unit Price of the amount they are claiming.

Charges and Allowances are not permitted for One Pay Cost Vouchers associated with Navy Shipbuilding (BIG07 = "RH").

- **CAPS-C/W:** For miscellaneous fees, only I260 is allowed. Allowances are not allowed.
- **IAPS-E:** Charge code F690 is not allowed in SAC02.
- **Navy ERP:** Allows all codes except I260 in SAC02.

SAC02 – Service, Promotion, Allowance or Charge Code

Charges (SAC01 = C)

B050 Certification

B570 Container Deposits

B660 Continuous Mileage

C040 Delivery

D340 Goods & Services

D900 Installation

D980 Insurance

F110 Overrun Charge

F155 Packaging

F460 Postage

F650 Preparation

F920 Quantity Surcharge

I260 Transportation Direct Billing

Allowances (SAC01 = A)

B560 Container Allowance

B950 Damaged Merchandise

C310 Discount

D350 Goods & Services Credit

F810 Promotional Discount

F910 Quantity Discount

I170 Trade Discount

I180 Trade In

Charge or Allowance (SAC01 = A or C)

F050 Other (see description in SAC15)

F680 Price Deviation

F690 Prior Balance

1.24 CTT Segment – Transaction Totals, Pos. 070. – Summary

NOTE: There must be one instance of CTT per transaction.

Segment	*Description*	*Element*	*iRAPT Min/Max*	*iRAPT Req.*	*iRAPT Notes*	*Type*
CTT01	Number of Line Items	354	1/6	M	Number of times IT1 Loop was used.	N0

Sample:

CTT^10

1.25 SE Segment – Transaction Set Trailer, Pos. 080 – Summary

NOTE: There must be only one instance of SE per transaction.

Segment	*Description*	*Element*	*iRAPT Min/Max*	*iRAPT Req.*	*iRAPT Notes*	*Type*
SE01	Number of included Segments, including ST and SE.	96	1/10	M		N0
SE02	Transaction Set Control Number – cite same number as in ST02.	329	4/9	M		AN

Sample:

SE^250^0023