WideAreaWorkFlow
e-Business Suite

EDI Guide - Appendix E
810P (Progress Pay)

Version 5.10.0
February 2017

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Under:
Contract No. SP4701-16-D-2001
Project Name: Invoicing, Receipt, Acceptance and Property Transfer (iRAPT)

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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	09/11/12	WIT Issue 2094 v5.3 OAT 1 General Instructions and CUR Pos. 040: Updated Notes to “Notes below regarding foreign currency do not affect the Costs Worksheet; all amount fields for the Costs Worksheet must be in whole numbers without decimals.”
5.4.0-3	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” N1 Segment: Updated L1 to “Inspect By”
5.4.1-1	02/19/13	CAMCG196 Updated to Version 5.4.1, July 2013
5.5.0-1	06/06/13	CAMCG211 Updated to Version 5.5.0, January 2014
5.5.0-2	09/30/13	WIT Issue 2637 DR_1080 v5.4 OAT 1 NTE Pos.30: Added “If NTE01 = “CAR”, enter “FMS” to indicate FMS is being included on the document.” to NTE02 and added codes to Reference Code lists.
5.5.0-3	11/11/13	WIT Issue 3353 v5.5 OAT 1 SLN Pos.200: Updated 3rd bullet under Notes by adding - If the numbers 9 or 10 are submitted, the value in SLN06 will be ignored.
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-206 REF Segment Pos.050: Added “NTE Segment (When FMS Shipment Number is used)” to list of Draft Indicator requirements under Notes section, 4th bullet.
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	05/20/14	WAWF-1007 Updated Delivery Order Nos. to 0015 on header
5.6.0-5	07/08/14	WAWF-1283 Updated to Version 5.6.0, October 2014
5.6.0-6	07/14/14	WAWF-1313 BIG Pos.020, BIG03: Changed Issue Date to Optional
5.6.0-7	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	11/06/14	WAWF-1556 ECP0731 - FTP/EDI Guide Updates N1 pos. 070- Added code “FE” to N101- Entity Identifier Codes. Added segments N105 and N106. Added sample. PER pos. 120 Added code “CN” to PER01- Contact Function Code. PER02: Added conditional notes Added segments PER03-PER08. Added sample.
5.7.0-3	02/18/15	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) Added BIG04 and BIG05 Contract Number and Delivery Order Edits REF pos. 050- REF02: Added S Uniform PIID (FAR 4.16)
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
5.9.0-1	12/17/15	WAWF-2762 Updated version to 5.9.0, updated deployment date to June 2016
5.9.1-1	08/15/16	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 Invoicing, Receipt, Acceptance and Property Transfer (iRAPT) Data Element/Segment Cross Reference for the reporting information via EDI, into iRAPT, including UID information. The tables that follow present the usage of the Segments and data elements arrayed in Transaction Set Order. Only the Segments that iRAPT accepts are outlined below. The information represents 810P (Progress Payment) 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 page 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

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 at "3.5"
- **ID** Identifier
- **AN** Alphanumeric 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 ignores 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.
- 810P (PPR) does not allow One Pay, Navy ERP or EBS EDI transactions.

Notes below regarding foreign currency do not affect the Costs Worksheet; all amount fields for the Costs Worksheet must be in whole numbers without decimals.

- 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.

1.1 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 Request Date	DT
BIG02	Invoice Number MOCAS	76	7/8	M	Request Number Must start with "PPRA" if non-FMS-related. Must start with "PPRB" If FMS related. The 8th position will be alpha to designate LOT contracts for MOCAS	AN
BIG03	Date	373	8/8	O	CCYYMMDD Contract Issue Date	DT
BIG04	Purchase Order Number DOD Contract (FAR) Uniform PIID (FAR 4.16)	324	1/19 13/13 13/17	M M	Contract Number No special characters allowed. If Contract Number Type is "DOD Contract (FAR)," please see notes below for Contract Number Edits. If Contract Number Type is "Uniform PIID (FAR 4.16)," please see notes below for Contract Number Types. Enter GSA Contract Number in the REF02 Segment: Reference	AN

					Procurement Instrument Number.	
BIG05	Release Number	328	0/19	C	Release Number/Delivery Order Number 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 Codes	353	2/2	M	See below	ID

Samples:

BIG^20081001^PPRA001^20080814^N0038399D9901^0004^^PA^00 (Original)

BIG^20081001^PPRA001^20080814^N0038399D9901^0004^^PA^01 (Void)

BIG^20081001^PPRA001^20080814^N0038399D9901^0004^^PA^05 (Void & Replace)

Notes:

- BIG04 – Procurement Instrument ID No. (PIIN) Use to indicate the 13 position AN contract or purchase order number. Do not use spaces or dashes.
- 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*		**BIG08** - **Transaction Purpose Codes**	
PA	Progress Payment Invoice	00	Original
		01	Void
		05	Void & Replace

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.

Contract Type is "DoD Contract (FAR)"; Fiscal Year 17 and prior

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.

Contract Type is “Uniform PIID (FAR 4.16)”

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 If NTE01 = “CAR”, enter “FMS” to indicate FMS is being included on the document.	AN

Sample:

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

NTE^CAR^FMS

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

ADD – Document Level Comments

CAR – Other Related Information

<u>NTE02</u> - *Reference Codes*

FMS – FMS Indicator

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:

Notes below regarding foreign currency do not affect the Costs Worksheet; all amount fields for the Costs Worksheet must be in whole numbers without decimals.

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 one 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	Enter “PX” to indicate a Previous Invoice Number Enter “E9” to indicate an attachment. If REF01 = “E9”, enter the word “Attachment” in REF02, and the attachment name in REF03. For iRAPT, enter “1Z” to use as a Financial Information Not Submitted Indicator. 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 Identification	127	7/8 1/30	C	If REF01 = “PX,” enter the Previous PPR number. If REF01 = “E9”, enter the word “Attachment” in REF02, and the attachment name in REF03.	AN

			1/1 1/19 1/1 5/5		Financial Information Not Submitted indicator - If REF01 = “1Z”, enter “Y” or “N”. If not submitting Financial Information, set the value of REF02 to "Y". If submitting Financial Information, set the value of REF02 to "N". See Notes below. If REF01 = “CT”, enter Reference Procurement Instrument Number or GSA Number in REF02 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) 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 REF03. Attachment name, including the extension, must not exceed the maximum field length of 80 characters.	AN

Samples:

REF^PX^PPRA001

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

REF^1Z^Y

REF^KL^A (Contract Type Reference Sample)

REF^CT^F0981908C7733 (Reference Procurement Sample)

REF^CT^GSA02F0013P (GSA Sample)

REF^ACC^Draft (Draft Indicator)

Notes:

- 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.
- The "Financial Information" referenced by this indicator (REF01="1Z") refers to Financial Information on the contractor, that is submitted independently of this request for payment. The indicator is used with two DTM segments to populate the following clause in the certification language on a progress payment request:
    - *SF1443: "(f) There has been no materially adverse change in the financial condition of the contractor since the contractor's (**DTM02, where DTM01="270"**) submission of its last financial information dated (**DTM02 where DTM01="600"**) to the Government in connection with the contract;"*
- If a REF segment with REF01="1Z" is not used, iRAPT defaults the indicator value to "N", and the two DTM segments are required.
  REF segment with REF01="1Z" and REF02="N" - the corresponding DTM segments are required.
  REF segment with REF01="1Z" and REF02="Y" - the corresponding DTM segments must not be entered.
- 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
- NTE Segment (When FMS Shipment Number is used)

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***

1Z Financial Detail Code

E9 Attachment Code

PX Previous Invoice Number

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. No. 070 – Header

NOTES: There must be at least four instances of N1 per Loop.

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, N2, 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.	ID

					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.	
N104	Identification Code – code sited in Field 3	67	5/19	C	Mandatory when submitting address data. DoDAAC, CAGE, DUNS, DUNS+4, or MAPAC if applicable, plus extension 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^SV^ShipUSA^10^S2401A (Sample where full address is used).

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

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

Notes:

- iRAPT will reject transactions with codes other than those listed below.
- Location Code of Vendor (PE or SE) is mandatory or Small Business Location Code (21) is mandatory – only one is allowed.
- Issue By DoDAAC (BY) is optional.
- Contract Administration Office DoDAAC (C4) is mandatory.
- Pay Office DoDAAC (PR) is mandatory.
- Service Performance Site DoDAAC (SV) is mandatory.
- Inspect By DoDAAC (L1) is optional.
- LPO (PO) is mandatory for One Pay, not allowed for MOCAS, and optional for CAPS-C/W.
- 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).
- Standard Pay DoDAAC Inspect By Edit – iRAPT does not allow the entry of an Inspect By Location Code when the Ship to location code is registered to receive a Standard Pay workflow extract. . If Inspect By is given, the file will be submitted successfully with a message, Received N101 = L1 (Inspect By Location) will be ignored when the Ship to Location is registered for a Standard Pay Request Workflow transaction.
- A Contractor DoDAAC may be submitted in any field where a CAGE, DUNS, or DUNS+4 is permitted except where N101 = PE or SE for Vendor.

N101 - ***Entity Identifier Codes***

BY Bill To (Issue By)	SV Svc Performance Site
C4 Contract Administration Office	L1 Inspect By
PE Payee	21 Small Business
PO Party to Receive Invoice (LPO)	FE Mail Address
PR Payer	
SE Selling Party	

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 Code

A2 MAPAC

N106 - ***Entity Identifier Code***

NP – Notify Party for Shipper's Order

1.7 N2 Segment, Pos. No. 080 – Header

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

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. No. 090 – Header

NOTES: There may be 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 Ship 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 a FPO)

Note:
If an APO/FPO Address is being entered, the Vendor must enter the information in the N403, N405, and N406.

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

NOTES: There must be one instance of PER for each transaction.

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

Segment	*Description*	*Element*	*iRAPT Min/Max*	*iRAPT Req.*	*iRAPT Notes*	*Type*
PER01	Contact Function Code	366	2/2	M	See code 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

Sample:

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 (Note: The Code “CE” in the IC means the same thing as the code “IC”; for iRAPT, please use the code “IC”.)

CN General Contact

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

NOTE: There may be one to five instances of ITD per transaction. However, this may be limited based on Payment System limitations.

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	M	See notes below.	R
ITD04	Terms Discount Due Date	370	N/A	N/A	Not used.	N/A
ITD05	Terms Discount Days Due	351	1/2	M	Always enter “0”.	N0

Sample:

ITD^19^^875^^0 (Liquidation rate sample) – See note below.

ITD^20^^85^^0 (Progress Payment rate sample) – See note below.

Notes:

- iRAPT will reject transactions containing any code other than “19” or “20” in ITD01.
- ITD03 – This data element is an “R” type, which means that there is no implied decimal. Percents should be transmitted as follows: When ITD01 is code 20; only 2 decimal places are cited in the contract percent (e.g., the percent is 80%, 85%, or 90%), transmit 80, 85, or 90. When ITD01 is code 19, 3 numbers (e.g., 87.5%, 91.3%, or 90.0%, etc.), transmit 875, 913, 900.

ITD01 - ***Terms Type Codes***

19 Liquidation Rate
20 Progress Pay Rate

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

NOTES: There must be one or three instances of DTM per transaction.

iRAPT only accepts DTM 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. If Financial Information Not Submitted Indicator (REF01='1Z') is not submitted or is 'N', Financial Information As-Of Date (DTM01='600') and Date Financial Information Submitted to the Government (DTM01='270') are Mandatory. Otherwise, '600' and '270' are not allowed.	ID
DTM02	Date	373	8/8	M	Date - CCYYMMDD	DT

Samples:

DTM^434^20080820
DTM^600^20080820
DTM^270^20080820

<u>DTM01</u> – *Date/Time Qualifier*

434 Statement (For PPR, use to indicate the Section II on SF1443 date referred to as "Statement of Costs under this contract through ____" date.)

600 Financial Information As-Of Date (this date appears in the SF1443 in the certification section, as shown below)

270 Date Financial Information Submitted to the Government (this date appears in the SF1443 in the certification section, as shown below)

- SF1443: *"(f) There has been no materially adverse change in the financial condition of the contractor since the contractor's (**DTM02, where DTM01="270"**) submission of its last financial information dated (**DTM02 where DTM01="600"**) to the Government in connection with the contract;"*

1.13 FA1 Segment – Type of Financial Accounting Data – Skip this Line

1.14 FA2 Segment – Accounting Data – Skip this Line

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 250 times per transaction.

Segment	*Description*	*Element*	*iRAPT Min/Max*	*iRAPT Req.*	*iRAPT Notes*	*Type*
IT101	Assigned Identification	350	2/4	M	Used to identify a Line, ACRN or FMS. Enter: 19, 25, ACRN, or FMS 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
IT102	Quantity Invoiced	358	1/1	M	Enter “1” for Numeric Value	R
IT103	Unit or Basis of Measurement Code	355	2/2	M	Enter “EA” for Each	ID
IT104	Unit Price	212	1/12	M	Value computed must be within $10 of the iRAPT computed value. Whole numbers only.	R

Samples:

IT1^19^1^EA^6000

IT1^25^1^EA^6125

IT1^FMS^1^EA^59399

IT1^ACRN^1^EA^25000

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

NOTES: There may be one instance of the Subline detail.

Use in all original and resubmitted requests for PPR.

Use to transmit the Country Code for FMS request or ACRN, CLIN/SLIN level data.

When a PPR contains both US and FMS requirements, the progress rate is the same for both. There must be two separate iterations of the SLN Segment, one to transmit the U.S. data and one to transmit the FMS data.

For MOCAS, US and FMS are not allowed on the same document. Separate documents have to be issued.

Segment	*Description*	*Element*	*iRAPT Min/Max*	*iRAPT Req.*	*iRAPT Notes*	*Type*
SLN01	Assigned Identification	350	1/20	M		AN
SLN02	Assigned Identification	350	1/20	M		AN
SLN03	Relationship Code	662	1/1	M	Enter “I” for Included.	ID
SLN04	Quantity	380	1/1	M	Enter “1” always.	R
SLN05	Unit or Basis for Measurement Code	355	2/2	M	Enter “EA” for Each	ID
SLN06	Unit Price MOCAS	212	1/12	M	Enter whole dollar amounts only. No decimals allowed. Negative amounts allowed. Amount may not be more than one dollar off or the document will be rejected. **MOCAS:** Negative amounts not allowed for FMS worksheet	R

Samples:

SLN^19^11^I^1^EA^30000
SLN^19^12A^I^1^EA^17500
SLN^19^12B^I^1^EA^12500
SLN^19^12C^I^1^EA^30000
SLN^19^13^I^1^EA^7500
SLN^19^14A^I^1^EA^5000
SLN^19^14B^I^1^EA^4000
SLN^19^14C^I^1^EA^1000

SLN^19^14D^I^1^EA^3500
SLN^19^14E^I^1^EA^4500
SLN^19^15^I^1^EA^12000
SLN^19^16^I^1^EA^60000
SLN^19^17^I^1^EA^12000
SLN^19^18^I^1^EA^6000

SLN^25^20A^I^1^EA^19500
SLN^25^20B^I^1^EA^10500
SLN^25^20C^I^1^EA^2625
SLN^25^20D^I^1^EA^4500
SLN^25^20E^I^1^EA^7125
SLN^25^21A^I^1^EA^7500
SLN^25^21B^I^1^EA^67500
SLN^25^21C^I^1^EA^54000
SLN^25^21D^I^1^EA^10000
SLN^25^21E^I^1^EA^44000
SLN^25^22^I^1^EA^7125
SLN^25^23^I^1^EA^5000
SLN^25^24^I^1^EA^1000

Notes:

- SLN01: When “19”, “25”, “FMS” or “ACRN” is identified in IT101, cite the same value in SLN01.
- SLN01: When SLN01 cites the expression “ACRN”, SLN02 must contain the actual ACRN and SLN06 will contain the amount charged to the ACRN.
- SLN02: When “19” is expressed in the IT101, SLN01 indicates the Line Item number on the SF1443 for which the dollar amount is being transmitted. Use only the numbers 11 through 18. If the numbers 9 or 10 are submitted, the value in SLN06 will be ignored. Letters should be capitalized (i.e. 12A).
- SLN02: When “25” is expressed in the IT101, SLN01 indicates the Line Item number on the SF1443 for which the dollar amount is being transmitted. Use only the numbers 20 through 24. Letters should be capitalized (i.e. 20A).
- SLN02: When “FMS” is expressed in IT101, SLN01 indicates the Country Code.
- SLN02: Use to indicate the ACRN value when “ACRN” is expressed in the IT101/SLN01.

1.17 LM Segment – Code Source Information – Skip this Line

1.18 LQ Segment – Skip this Line

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

NOTE: There must be 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 Invoice. SF1443, Line 26 – Amount of current Invoice for Progress Payment (lesser of Item 25 or 19). Negative amounts are not allowed.	N2
TDS02	Amount	610	N/A	N/A	Not used.	N/A
TDS03	Amount	610	N/A	N/A	Not used.	N/A
TDS04	Amount	610	1/15	M	Total Contract Price	N2

Sample:

TDS^75277700^^^300043500

Notes:

- TDS01: Use in all requests for Progress Payments including withdrawals, to indicate the lesser amount of Block 19 or Block 25 (e.g. Block 26) on the SF 1443.
- TDS04: Use to indicate the amount of the contract. See Block 5 of the SF 1443. Use is required when transmitting an original request for Progress Payment. Use, as applicable, in changes to previously submitted requests for Progress Payments. Do not use when withdrawing a previously submitted request for Progress Payment.

1.20 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

1.21 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 Segment, including ST and SE	96	1/10	M		N0
SE02	Transaction Set Control Number	329	4/9	M	Same number cited in ST02 must be used.	AN

Sample:

SE^250^0023