

# WideAreaWorkFlow

e-Business Suite



## EDI Guide - Appendix W 527R - Receipt

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## History Page

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5.5.0-1	06/18/13	ECP_0748 EDI Guide: Created new guide.
5.6.0-1	01/07/14	WAWF-215 Updated to Version 5.6.0, August 2014
5.6.0-2	05/20/14	WAWF-1007 Updated Delivery Order Nos. to 0015 on header
5.6.0-3	07/08/14	WAWF-1283 Updated to Version 5.6.0, October 2014
5.6.0-4	07/17/14	IUID-503 LIN Pos.010: Added note at bottom - 'If Product/Service ID Qualifier in LIN02 is FS, then the Product/Service ID (NSN) must be 13 numeric characters reported in LIN03.'
5.7.0-1	10/09/14	WAWF-1423 WIT Issue 4541 LIN Pos. 02: Added "All codes except "FS" will be ignored by iRAPT." Updated LIN03 in sample to numeric characters.
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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.

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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 reporting Government Furnished Property (GFP) and Property Transfer information via EDI, into iRAPT, including UID information. The EDI 527R functionality will be in addition to the current 856 Receipt for reporting receipt of Property Transfers. 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 856 Ship Notice/Manifest ANSI X12 transactions into iRAPT. This 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. 150) 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:

- |   |   |
|---|---|
| <ol style="list-style-type: none"> <li>1. Data Segment</li> <li>2. Description</li> <li>3. Element</li> <li>4. Format &amp; Min/Max</li> <li>5. Requirements</li> </ol> | <p>X12 Segment</p> <p>X12 Name</p> <p>X12 Data Element Reference Number</p> <p>Specific to iRAPT, not ANSI X12</p> <p>Depicts whether the Segment is:</p> <ul style="list-style-type: none"> <li><b>M</b> – Mandatory – Usage is required.</li> <li><b>O</b> – Optional – Can be used or not used.</li> <li><b>C</b> – 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.</li> <li><b>N/A</b> – Not Allowed</li> </ul> |
| <ol style="list-style-type: none"> <li>6. iRAPT Notes</li> </ol>  | <p>Contains notations of the Field’s usage or restrictions</p>  |

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

- **Nv** Numeric Field where v = number of decimal positions, decimal is 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** Alpha/Numeric String
- **DT** All Date Fields use this format: CCYYMMDD
- **TM** All Time Fields use this format: HHMMSS

**Notes:**

Above and below each Segment are notes pertaining to iRAPT. The values iRAPT accepts are noted in the table for each Segment. iRAPT ignores qualifier 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.

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

**NOTE:** There must be one instance of the ST Segment per transaction.

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>iRAPT Min/Max</i>	<i>iRAPT Req.</i>	<i>iRAPT Notes</i>	<i>Type</i>
ST01	Transmission Set ID	143	3/3	M	527 Material Due-In and Receipt	ID
ST02	Transaction Set Control Number	329	4/9	M	Identifying Control Number that must be unique within the transaction set.	AN

**Sample:**

ST^527^123456789

**1.2 BR Segment – Beginning Segment for Material Management, Pos. 020 – Header**

**NOTE:** There must be one instance of BR for iRAPT.

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>iRAPT Min/Max</i>	<i>iRAPT Req.</i>	<i>iRAPT Notes</i>	<i>Type</i>
BR01	Transaction Set Purpose Code	353	2/2	M	00 – Original	ID
BR02	Transaction Type Code	640	2/2	M	D4 – Receipt	ID
BR03	Date	373	8/8	M	CCYYMMDD – Date transaction created.	DT
BR04	N/A	N/A	N/A	N/A	Not used.	N/A
BR05	N/A	N/A	N/A	N/A	Not used.	N/A
BR06	Action Code	306	1/2	O	FI – File	ID
BR07	N/A	N/A	N/A	N/A	Not used.	N/A
BR08	N/A	N/A	N/A	N/A	Not used.	N/A
BR09	Time	337	4/8	O	Time	TM

**Sample:**

BR^00^D4^20130101^^^FI^^^123456

**1.3 N1 Segment – NAME, Pos. 070 – Detail**

**NOTES:** There may be one instance of the N1 Segment per transaction.

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>iRAPT Min/Max</i>	<i>iRAPT Req.</i>	<i>iRAPT Notes</i>	<i>Type</i>
N101	Entity Identifier Code	98	2/3	M	See list below. Note: 41 or RC will be submitted to iRAPT as the Receiver.	ID
N102	Name	N/A	N/A	N/A	Not used.	N/A
N103	Identification Code Qualifier	66	1/2	M	See codes below. Note: iRAPT does not accept RIC codes. GEX will translate the RIC to a DoDAAC.	ID
N104	Identification Code	67	2/80	M	DoDAAC, DUNS or DUNS+4, plus extension if applicable.	AN
N105	Entity Relationship Code	N/A	N/A	N/A	Not used.	N/A

**Sample:**

N1^RC^^10^1DK001

**N101 Codes**

- 41 Submitter
- RC Receiving Location
- Z4 Owning Inventory Control

**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
- M4 RIC

**1.4 LIN – Item Identification, Pos. 010 – Detail**

**NOTES:** There must be one instance of the LIN Segment per transaction.

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>iRAPT Min/Max</i>	<i>iRAPT Req.</i>	<i>iRAPT Notes</i>	<i>Type</i>
LIN01	Assignment Identification	350	1/20	O	iRAPT will accept any valid LIN01 code defined in the transaction.  Note: The LIN01 codes "T", "V", "W", "X" and "Z" have been identified as codes that will cause the transaction to drop at GEX prior to receipt into iRAPT.	AN
LIN02	Product/Service ID Qualifier	235	2/2	M	FS - National Stock Number  All codes except "FS" will be ignored by iRAPT.	ID
LIN03	Product/Service ID	234	1/48	M	When LIN02 is FS, LIN03 is the NSN.	AN
LIN04	Product/Service ID Qualifier	N/A	N/A	N/A	Not used.	N/A
LIN05	Product/Service ID	N/A	N/A	N/A	Not used.	N/A

**Sample:**

LIN^E^FS^00000000000001

**Notes:**

If Product/Service ID Qualifier in LIN02 is FS, then the Product/Service ID (NSN) must be 13 numeric characters reported in LIN03.

**1.5 CS Segment – Contract Summary, Pos. 020 – Header**

**NOTES:** There must be one instance of CS per LIN Loop.

CS01 or CS03 may not be used when GF03 or GSF07 at Position 060 are used.

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>iRAPT Min/Max</i>	<i>iRAPT Req.</i>	<i>iRAPT Notes</i>	<i>Type</i>
CS01	Contract Number	367	1/30	O	Acquisition Contract Number	AN
CS02	Not used.	N/A	N/A	N/A	Not used.	N/A
CS03	Release Number	328	1/30	O	Acquisition Delivery Order Number	AN
CS04	Reference Identification Qualifier	128	2/3	M	C7 – Contract Line Item Number	ID
CS05	Reference Identification	127	1/30	M	When CS04 is 'C7', CS05 is the Line Item Number.	AN

**Sample:**

CS^HQ033901A0001^^D001^C7^0001

**1.6 RCD Segment – Receiving Conditions, Pos. 040, Detail**

**NOTES:** There must be one instance of the RCD Segment per transaction.

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>iRAPT Min/Max</i>	<i>iRAPT Req.</i>	<i>iRAPT Notes</i>	<i>Type</i>
RCD01	Assigned Identification	350	4/6	O	Use with receipt transactions to assign a sequential number for each RCD loop.	AN
RCD02	Quantity Units Received or Accepted	663	1/9	M	Number of Units Received	R
RCD03	Composite Unit of Measure	355	2/2	M	Code Specifying the units in which a value is being expressed. This is required by EDI syntax requirements, but will be ignored by iRAPT.	ID

**Sample:**

RCD^1^9^EA

**1.7 G62 Segment – Date/Time, Pos. 050 – Detail**

**NOTES:** There must be one instance of the G62 Segment per transaction.

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>iRAPT Min/Max</i>	<i>iRAPT Req.</i>	<i>iRAPT Notes</i>	<i>Type</i>
G6201	Date Qualifier	432	2/2	M	35 – Delivered on This Date	ID
G6202	Date	373	8/8	M	Receipt Date. Expressed as CCYYMMDD	DT

**Sample:**

G62^35^20130105

**1.8 GF Segment – Furnished Goods and Services, Pos. 060 – Detail**

**NOTES:** There may be one instance of GF per transaction. GF03 or GF07 may not be used when CS01 or CS03 at Position 020 are used.

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>iRAPT Min/Max</i>	<i>iRAPT Req.</i>	<i>iRAPT Notes</i>	<i>Type</i>
GF01	Not used.	N/A	N/A	N/A	Not used.	N/A
GF02	Not used.	N/A	N/A	N/A	Not used.	N/A
GF03	Contract Number	367	1/30	O	Gaining Contract Number on a PTD.  Note: PTD which requires Losing Contract Data on Receipt will not use the 527R transaction.	AN
GF04	Not used.	N/A	N/A	N/A	Not used.	N/A
GF05	Not used.	N/A	N/A	N/A	Not used.	N/A
GF06	Not used.	N/A	N/A	N/A	Not used.	N/A
GF07	Release Number	328	1/30	O	Gaining Delivery Order Number on a PTD.	AN

**Sample:**

GF^^^HQ033901A0002^^^D001

**1.9 N9 Segment – Reference Identification, Pos. No. 090 – Detail**

**NOTE:** There may be one instance of N9 per RCD Loop for Shipment Number information.

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>iRAPT Min/Max</i>	<i>WAW Req.</i>	<i>iRAPT Notes</i>	<i>Type</i>
N901	Reference Identification Qualifier	128	2/3	M	SI = Shipper's Identifying Number for Shipment	ID
N902	Reference Identification	127	1/30	M	Shipment Number	AN

***Sample:***

N9^SI^SHIP001

**1.10 LM Segment – Code Source Information, Pos. 120 – Detail**

**NOTE:** There may be one instance of the LM Segment in LM Loop.

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>iRAPT Min/Max</i>	<i>iRAPT Req.</i>	<i>iRAPT Notes</i>	<i>Type</i>
LM01	Agency Qualifier Code	559	2/2	O	See list below.	ID

**Sample:**

LM^DF

**LM01 - Agency Qualifier Code**

DF Department of Defense (DoD)

**1.11 LQ Segment – Industry Code, Pos. 130 – Detail**

**LOOP ID:** LM

**NOTES:** There may be one instance of the LQ Segment per LM.

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>iRAPT Min/Max</i>	<i>iRAPT Req.</i>	<i>iRAPT Notes</i>	<i>Type</i>
LQ01	Code List Qualifier Code	1270	1/3	O	<p>iRAPT will allow all codes as defined by the transaction.</p> <p>A code of 84 will be used to indicate a Management Code along with an LQ02 code to identify receipts with potential Supply Discrepancy Report (SDR).</p> <p>A code of 83 will be used to indicate a Supply Condition. Supply Condition Codes are submitted in LQ02.</p>	ID
LQ02	Industry Code	1271	1/30	M	<p>See list below.</p> <p>If a valid LQ01/LQ02 combination is entered, the description for the LQ02 code will be added to the comments on the Misc Info tab.</p>	AN

**Sample:**

LQ^84^R

**LQ01 - Code List Qualifier Code**

83 Supply Condition

84 Management Code

**LQ02 – LQ01 = 83**

- A SERVICEABLE (ISSUABLE WITHOUT QUALIFICATION)
- B SERVICEABLE (ISSUABLE WITH QUALIFICATION)
- C SERVICEABLE (PRIORITY ISSUE)
- D SERVICEABLE (TEST/ MODIFICATION)
- E UNSERVICEABLE (LIMITED RESTORATION)
- F UNSERVICEABLE (REPARABLE)
- G UNSERVICEABLE (INCOMPLETE)
- H UNSERVICEABLE (CONDEMNED)
- J SUSPENDED (IN STOCK)
- K SUSPENDED (RETURNS)
- L SUSPENDED (LITIGATION)
- M SUSPENDED (IN WORK)
- N SUSPENDED (AMMUNITION SUITABLE FOR EMERGENCY COMBAT USE ONLY)
- P UNSERVICEABLE (RECLAMATION)
- Q SUSPENDED (PRODUCT QUALITY DEFICIENCY)
- R SUSPENDED (RECLAIMED ITEMS, AWAITING CONDITION DETERMINATION)
- S UNSERVICEABLE (SCRAP)
- T SERVICEABLE (AMMUNITION SUITABLE FOR TRAINING USE ONLY)
- V UNSERVICEABLE (WASTE MILITARY MUNITIONS)

**LQ02 – LQ01 = 84**

- R Materiel receipt discrepancy; discrepancy report submission required.
- S Materiel receipt discrepancy; discrepancy report submission required. Vendor caused misdirected shipment from procurement instrument source. Materiel meets acceptance criteria specified in the contract.
- U Materiel receipt discrepancy; discrepancy report submission required. Quantity delivered exceeded authorized quantity including any allowable contract variance and/or excess delivery clause. Materiel meets acceptance criteria specified in the contract.

***Notes:***

The Discrepancy Report indicator will be checked and displayed on the web if these codes are submitted to iRAPT.

**1.12 REF Segment - Reference Identification, Pos. 250 – Detail**

**NOTES:** There may be more than one instance of REF per transaction.

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>iRAPT Min/Max</i>	<i>iRAPT Req.</i>	<i>iRAPT Notes</i>	<i>Type</i>
REF01	Reference Identification Qualifier	128	2/3	M	U3 – Unique Supplier Identification Number Use U3 to identify the UII.	ID
REF02	Reference Identification	127	N/A	N/A	Not used.	N/A
REF03	Description	352	1/50	M	Use to indicate UII value when REF01=U3	ID

**Sample:**

REF^U3^^D26512000010000100001000010000100001

**Notes:**

The total number of UIIs being received must total the Quantity Received entered in RCD02 at Position 040.

**1.13 SE Segment – Transaction Set Trailer, Pos. 350 – Summary**

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

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>iRAPT Min/Max</i>	<i>iRAPT Req.</i>	<i>iRAPT Notes</i>	<i>Type</i>
SE01	Number of Included Segments	96	1/10	M	Total number of Segments, including ST and SE.	N0
SE02	Transaction Set Control Number	329	4/9	M	Same number as in ST02.	AN

**Sample:**

SE^110^123456789