

WideAreaWorkFlow

e-Business Suite



EDI Implementation Guide - Main Document

Electronic Data Interchange (EDI)

Instruction Guide

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Prepared For:
Defense Logistics Agency

Prepared By:
CACI Enterprise Solutions, Inc.
50 North Laura Street, Suite 2100
Jacksonville, FL 32202

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Approved By:

Prepared By:

8/25/2016

X

Kim Mironov

Kim Mironov
iRAPT FTP/EDI Technical Writer
Signed by: Kim Mironov

Approved By:

8/25/2016

X

Aimee Ivey

Aimee Ivey
iRAPT EDI Technical Manager
Signed by: aivey

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1 Introduction

This guide is intended to provide the Contractor/Vendor with an overview and introduction to the Invoicing, Receipt, Acceptance and Property Transfer (iRAPT) Electronic Data Interchange (EDI) Filing Program. EDI is one of three methods, including Secure File Transfer Protocol (SFTP) and interactive Web-application, to submit data into iRAPT. iRAPT uses the American National Standards Institute (ANSI) Accredited Standards Committee (ASC) X12 Transaction Sets for EDI.

Data is passed from the Contractor/Vendor to iRAPT via Global Exchange Services (GEX). Documents submitted via EDI must be formatted in the iRAPT EDI Guide structure and sent to GEX. GEX will submit document to iRAPT for processing.

Contractor/Vendor → VAN → GEX → iRAPT

This document contains introduction information of the iRAPT EDI process and provides guidance for the preparation and submission of data using EDI. Contractors/Vendors will use this guide to assist them in using the EDI electronic method of submitting documents to iRAPT.

iRAPT Website:

<https://wawf.eb.mil>

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>

The objective of the iRAPT Electronic Data Interchange (EDI) inbound interface is to provide contractors and Government entities the capability of submitting various types documents to the iRAPT system using ANSI X12 EDI Transaction Sets. This interface allows the submitter to supply the data necessary to perform inspection, acceptance, and payment and receipt processing functions available within the iRAPT Web application.

2 Document Overview

The iRAPT EDI Guides are accessible (as separate documents) via the iRAPT Website; Click the Documentation dropdown button and the link named EDI Guides to view the document types.

The EDI Guides consist of a primary Main document and various appendices.

The appendices are:

Appendix	Title
Appendix A	EDI Guide – Appendix A (810C_Invoice_Invoice2n1_EnergyInvoice_4010).doc
Appendix B	EDI Guide – Appendix B (810C_MiscPay_4010).doc

Appendix C	EDI Guide – Appendix C (810C_NSI_4010).doc
Appendix D	EDI Guide – Appendix D (810CV_CostVoucher_4010).doc
Appendix E	EDI Guide – Appendix E (810P_ProgressPay_4010).doc
Appendix F	EDI Guide – Appendix F (810PBP_PBP_CIF_4010).doc
Appendix G	EDI Guide – Appendix G (810V_Grants_4010).doc
Appendix H	EDI Guide – Appendix H (810V_NonProcurement_Instrument_Voucher_4010).doc
Appendix I	EDI Guide – Appendix I (811_CI_4010).doc
Appendix J	EDI Guide – Appendix J (821_MiscPay_4010).doc
Appendix K	EDI Guide – Appendix K (841_Attachments_4010).doc
Appendix L	EDI Guide – Appendix L (841_Attachments_BIN Segments_4010).doc
Appendix M	EDI Guide – Appendix M (856_Property_4010).doc
Appendix N	EDI Guide – Appendix N (856_ReceivingReport_EnergyRR_4010).doc
Appendix O	EDI Guide – Appendix O (856_RRR_4010).doc
Appendix P	EDI Guide – Appendix P (856_Update_Receiving_Reports_4010).doc
Appendix Q	EDI Guide – Appendix Q (857ReceivingReportCombo_EnergyRRCombo_4010).doc
Appendix R	EDI Guide – Appendix R (857_ReparablesCombo_4010).doc
Appendix S	EDI Guide – Appendix S (861_DSS_Receiving Advice_Acceptance Certificate_4010).doc
Appendix T	EDI Guide – Appendix T (861_Navy_Receiving Advice_Acceptance Certificate_4010).doc
Appendix U	EDI Guide – Appendix U (864_Import_Email_Notification_4010).doc
Appendix V	EDI Guide – Appendix V (864_Workflow_Email_Notification_4010).doc

3 Program Participation

iRAPT data can be sent electronically using EDI. Any Vendor who is able to create and send an electronic file in the EDI format specified by iRAPT and in compliance with the Federal/DoD Implementation Conventions is eligible to participate. Participation in iRAPT EDI filing requires following the guidelines set forth in this implementation guide.

Refer to the <https://wawf.eb.mil> site to acquire the **Pre-Registration: Vendor Getting Started Help Guide**. This guide will provide iRAPT deployment information.

If help is necessary, contact the iRAPT Ogden Help Desk (from the iRAPT homepage, click on iRAPT Customer Support). Please inform the help desk that you need an EDI filing support ticket.

Help Desk contact information (telephone and e-mail) can be found at the following website:

<https://wawf.eb.mil>

4 Vendor Testing and Assistance

All Vendors are required to contact the iRAPT Customer Service Center to open a trouble ticket and request testing assistance from the Joint Interoperability Test Command (JITC).

Once a trouble ticket has been established, Vendors may work directly with JITC on the EDI filing process.

Contact information (telephone and e-mail) for the Help Desk is available at:

<https://iRAPT.eb.mil>

4.1 iRAPT Inbound Files

4.1.1 EDI Transaction Sets

Data is submitted from the Vendors or Government entity using the standard American National Standards Institute (ANSI) X12 Transaction Sets. For detailed information regarding the rules and format of these Transaction Sets, please refer to the iRAPT EDI Implementation Guides prepared for the Department of Electronic Business Program Office. The iRAPT EDI Implementation Guides for Vendors are posted at the following Web site: <https://wawf.eb.mil/>.

The X12 formatted message is then received by the DoD GEX (Global Exchange Services) and translated to a User Defined Format (UDF). The information received is verified for errors and validated prior to introduction into the iRAPT system. E-mail confirmation notification is used to inform submitters if information was successfully accepted into the iRAPT application or rejected due to electronic errors. If data is rejected the e-mail is sent to the Initiator containing an appropriate error message(s) if necessary. Submitters should maintain a copy of any data sent until they receive an iRAPT confirmation e-mail stating that the data has been accepted successfully. Once the information is entered into the iRAPT application, it may be viewed and processed in document form on the Web.

The following table contains a list of the EDI Transaction Sets imported within iRAPT:

Table 6-1: EDI Transactions Sets Imported Within iRAPT

<i>EDI Transaction Set</i>	<i>Functionality</i>
810C	Commercial Invoice
810CV	Cost Voucher
810C Misc Pay	Miscellaneous Pay Invoice
810C NSI	Navy Shipbuilding Invoice

810C	Commercial Invoice (2n1)
810P	Progress Pay Invoice
810PBP	Performance Based Payment & Commercial Item Financing Invoice
810V	Grants, Cooperative Agreement Vouchers, and Non-Procurement Instrument Vouchers
811	Telecom Invoice
821	Financial Information Reporting
841	Specifications/Technical Information
856 GFP	Property Transfer Document
856 Pack/RFID Update	Receiving Report Update – Pack/RFID Information
856 RRR	Reparables Receiving Report
856	Receiving Report
857	COMBOs (Invoice/Receiving Report)
857 RCOMBO	Reparables COMBO (Invoice/Receiving Report)
861 Navy	Receiving Advice/Acceptance Certificate From Navy ERP/ILSMIS
861 UDF – Std. External Acceptance	Standard External Acceptance – Inbound to iRAPT.
861	Receiving Advice/Acceptance Certificate From Distribution Standards System (DSS) of the Defense Logistics Agency (DLA)

4.1.2 XML Files

The inbound acknowledgement data via the 824 EDI Transaction Set – (Application Advice) from DFAS (Defense Finance and Accounting Service) or the Services/Agencies Accounting Systems basically provides the acknowledgement data via an EDI format to GEX, which is then converted to an Extensible Markup Language (XML) format to deliver inbound to iRAPT. Once these files have been submitted to iRAPT, the information provided will be used to either update the document status or set the flag to release the payment files to the appropriate Entitlement System. Either way, once the inbound XML data is received by iRAPT, an e-mail is sent to the Initiator. Once the initial Entitlement System 824 is processed successfully, all other 824s will be ignored.

The following table contains a list of the XML Files imported within iRAPT:

Table 6-2: XML Files Imported Within iRAPT

<i>EDI Transaction Set</i>	<i>Functionality</i>
824 Navy Reject XML WAWF ACK	Navy Rejection Acknowledgment
824 Navy XML WAWF ACK	Acknowledgment - Navy Acknowledgment for 810V
824 NSI XML WAWF ACK	Navy Shipbuilding Invoice Acknowledgment
824 XML Accounting System WAWF ACK	Services/Agencies Accounting System
824 XML WAWF ACK	Acknowledgement Received from DFAS Entitlement Systems
MyInvoice XML WAWF ACK	Information provided from the myInvoice System

4.2 General Description

The EDI Interface is composed of acknowledgment and extraction programs. The actual executable files for the acknowledgment and extraction programs that encompass the EDI Interface are to reside on the primary Support Server machine located at DECC (Defense Enterprise Computing Center) in Ogden, Utah. iRAPT users must prepare EDI files for submission to iRAPT using ANSI X12 EDI Transaction Sets.

4.3 Procedure

iRAPT users should prepare EDI files for submission to the iRAPT application using the guidelines and instructions found in the iRAPT EDI Implementation Guides. There are separate guides for each Transaction Set. When the files are ready for submission into iRAPT, the files are forwarded to GEX. The files are then placed in the appropriate directory on the DECC Ogden server.

A batch job is executed at regular intervals for the purpose of collecting these files and processing for submission to the iRAPT Web-based application. The file processing includes validation and error checking of the document information supplied by the user. The initiator of the file should keep copies of all files submitted in the event that errors are encountered triggering the document to be rejected. Rejected documents should be corrected according to the error message received via e-mail and the user will subsequently resubmit. Once the document has been successfully accepted into the Web-based application, the copied files may be deleted.

The document is then available for processing through the iRAPT Web application in the same manner as documents that were originally created using the iRAPT Web application. Users may view the document and the current status by checking their appropriate folder. This allows them to perform the work required to process that document by entering data and digitally signing the document. As previously stated, an e-mail message will be generated to the appropriate user during the processing cycle of the document.

5 EDI – Electronic Data Interchange Interface (Extract)

5.1 Introduction

The objective of the iRAPT EDI extract interface is to provide electronic data to external systems programmed to receive information captured within iRAPT. These interfaces have been developed to capture specific information within the iRAPT Web-based application and pass this information electronically to a system that will use this information to both update their records and provide feedback to iRAPT or capture this information for specific business practices. The data captured within iRAPT is transmitted to the appropriate EDI receiver location using standard ANSI X12 Transaction Sets.

The following table contains a list of the EDI Transaction Sets extracted from iRAPT:

Table 7-1: EDI Transactions Sets Extracted From iRAPT

<i>EDI Transaction Set</i>	<i>Functionality</i>
810C	Commercial Invoice
810CV	Cost Voucher
810P	Progress Pay Invoice
810PBP	Performance Based Payment & Commercial Item Financing Invoice
810R	Certified Invoice
811	Telecom Invoice
821	Financial Information Reporting
856 ASN NAVY	Ship Notice/Manifest To Navy ERP/ILSMIS
856 ASN	Ship Notice/Manifest To Distribution Standards System (DSS) of the Defense Logistics Agency (DLA)
856 GFP	iRAPT EDI Implementation Guide Property Transfer
856 PSN	iRAPT EDI Implementation Guide Property System Notification
856	Ship Notice/Manifest
861	Receiving Advice/Acceptance Certificate
861 UDF – Std. Accept/Approve Extract	Standard Acceptance and Approval
810 UDF – Std. Cost Voucher Extract	Cost Voucher
810 UDF – Std. Invoice Extract	Commercial Invoice
810 UDF – Std. PBP Extract	Performance Based Payment & Commercial Item Financing Invoice
810 UDF – Std. Progress Pay Extract	Progress Pay Invoice
856 UDF – Std. Shipment Extract	Standard Shipment
810C_2N1	Consolidated 2n1 and Construction Invoice Extract

5.2 General Description

The EDI Interface is composed of acknowledgment and extraction programs. The actual executable files for the acknowledgment and extraction programs that encompass the EDI Interface are to reside on the primary Support Server machine located at DECC in Ogden, Utah. For processing the EDI output files from the extraction program, all Transaction Set files are placed within the designated export directory set up by the system administrator.

5.3 Procedure

The iRAPT application captures the information relating to a specific document within iRAPT. Once the data has been captured in the specified database, the system will extract the information for EDI transmission. Document extraction is based on the particular type of document and processing requirements. On a periodic basis, the EDI extraction program polls the database and extracts the data that has been identified for conversion to EDI standards and transmission to specified government system. The data is captured in a UDF format and moved to the designated directory. GEX maintains a channel to poll the designated directory and retrieves all files within it. GEX then converts the UDF data submitted by iRAPT to the ANSI X12 Transaction Sets. These X12 transactions are transmitted by the GEX system to a designated receiving activity.

6 Withdrawal from iRAPT EDI Filing

Contractors/Vendors who no longer wish to use this process must notify the Customer Service Center Help Desk via e-mail, by entering WITHDRAWAL FROM iRAPT as the subject line.

7 Network Information & Communications Protocols

Contractors/Vendors must submit their EDI files to GEX using a Value Added Network (VAN)

8 Communication Times

iRAPT will process transactions received via EDI periodically throughout the day. The time may be subject to change. Please contact the Customer Service Center Help Desk with questions if necessary.

Contact information (telephone and e-mail) for the Help Desk is available at:

<https://wawf.eb.mil>

9 Acknowledgments

Functional Acknowledgments – GEX has the capability to generate and send a 997 functional acknowledgment EDI transaction set to the originator of the transmission. See instructions for element ISA14 to receive 997 functional acknowledgements. NOTE: 997s cannot be regenerated or re-transmitted from GEX after initial creation. If the Contractor/Vendor requests a 997 and one is not received, the Contractor/Vendor should access the iRAPT web application or the Contractor/Vendor email to confirm the import of an EDI document.

10 E-mail Notifications

E-mail notifications are generated after the iRAPT upload process. The Subject line of e-mail from iRAPT concerning EDI submissions will have the entry of “iRAPT Import: x Successful Import(s), x Failed Import(s).” The e-mail message will notify the Vendor of the following:

- Transactions accepted as submitted.
- Transactions accepted with modified data (submitted data did not meet iRAPT requirements but did not cause a rejection and/or some information was defaulted or retrieved by iRAPT upon import).
- Transactions that did not meet iRAPT requirements and were rejected.

iRAPT has the capability to receive one or multiple transactions per file.

11 Erroneous Transactions

This section of the guide addresses errors. The simplest form of an erroneous transaction is a syntax error. A syntax error is a specific failure to conform to the basic structure of any known transaction set definition.

If an error is found in iRAPT, the Contractor/Vendor will receive an e-mail message notifying them of the error. There are two places where errors can be detected:

1. GEX – does syntax checking and could issue a 997
2. iRAPT – validates business data against iRAPT required constructs and will send an import notification (via e-mail) if GEX validation is successful.

Contact information (telephone and e-mail) for the Help Desk is available at:

<https://wawf.eb.mil>

12 Sending attachment files to iRAPT

Vendors may submit attachment files related to an EDI transaction in various ways.

12.1 Sending attachment files to iRAPT via EDI

Vendors should only use the 841 EDI Transaction Set to send attachments to iRAPT via EDI. Multiple attachments may be sent in a single transaction set.

Vendors should not use the 841 EDI Transaction Set for anything other than sending attachments to iRAPT.

Enveloping instructions for attachment data should only contain one document (i.e. one Transaction Set) transmitted with one 841 in an ISA/IEA. Example: only one shipment or finance document with its associated attachment(s) may be sent per interchange

Example:

```
ISA
GS^IN
ST^810
<810 segments here>
SE
GE
```

GS^SP
ST^841
<841 segments here>
SE
GE
IEA

12.2 Sending attachment files to iRAPT via FTP

Vendors may submit attachments that are related to an EDI document via FTP for some EDI transaction types. For more details about submitting attachments related to EDI transactions via FTP, see the iRAPT Vendor Guide applicable to each EDI transaction type.

When attachments are included with documents submitted via SFTP, if document submission fails in iRAPT, the attachment must be resubmitted at the same time the document is resubmitted.

When submitting an attachment for a document, you must submit the attachments first, then the document file(s). Each attachment may only be used for a single document. A single attachment may not be used for multiple documents. If this is necessary, then submit the attachment with a unique name for each document.

A single attachment file may not exceed 5 megabytes. Multiple attachment files may be submitted.

12.3 Sending CDRL attachment files to iRAPT

CDRL attachments may only be submitted at the Line Item level of a transaction in association with an ELIN. CDRL attachments are not allowed for One Pay or EBS pay systems and may not be allowed for all transaction types. All CDRL information, including attachment file name (with file type) and System UID, must be submitted within the ELIN construct, not at the document level. For more details about submitting CDRL attachments, see the iRAPT Vendor Guide applicable to each EDI transaction type.

13 Attachments to This EDI Guide

1. **Unit of Measure Table** – Word document that lists the Unit of Measure Codes. Please refer to this list to review the DoD/ANSI X12 description and send ANSI X12 codes for EDI transmissions. **File name: Unit_of_Measure.doc**
2. **iRAPT Data Element/Segment Cross Reference Documents** – Word document that details in table format the usage of Segments and Data Elements arrayed in Transaction Set Order.

Commercial Invoice

Word document, File name: 810C_WAWF_4010_EDI_Detail.doc

Misc Pay Invoice

Word document, File name: 810C_MiscPay_WAWF_4010_EDI_Detail.doc

Navy Shipbuilding Invoice

Word Document, File name: 810C_NSI_WAWF_4010_EDI_Detail.doc

Cost Voucher

Word document, File name: 810CV_WAWF_4010_EDI_Detail.doc

Grant and Cooperative Agreement

Word document, File name: 810V Grants WAWF 4010 EDI Detail

Progress Payment

Word document, File name: 810P_WAWF_4010_EDI_Detail.doc

Performance Based Payments/Commercial Item Financing

Word document, File name: 810PBP_WAWF_4010_EDI_Detail.doc

Consolidated Service Invoice/Statement (Telecom)

Word document, File name: 811_WAWF_4010_EDI_Detail.doc

Receiving Report

Word document, File name: 856_WAWF_4010_EDI_Detail.doc

Receiving Report for Pack Update

Word document, File name: 856_Pack_Update_WAWF_4010_EDI_Detail.doc

Government Furnished Property

Word document, File name: 856_GFP_WAWF_4010_EDI_Detail.doc

Reparables Receiving Report

Word document, File name: 856_RRR_WAWF_4010_EDI_Detail.doc

COMBO

Word document, File name: 857_WAWF_4010_EDI_Detail.doc

Reparables COMBO

Word document, File name: 857_RCOMBO_WAWF_4010_EDI_Detail.doc

Specifications/Technical Information (attachments via EDI)

Word document, File name: 841_WAWF_4010_EDI_Detail.doc

Word document, File name: 841 Related BIN Segment Instructions

3. **Certificate of Conformance (CoC)** - Word document stating that when Vendors submit receiving reports via EDI, contractors will execute Certificate of Conformance (COC) by including the appropriate indicator in the transaction rather than through the inclusion or attachment of the text of the certificate. **File Name: COC.doc**

4. **Construction Certificate** - Word document - Construction Certification.
File Name: CICON.Cert.doc
5. **Performance Based Payment Certificate** - Word document - Performance Based Payment Certification. **File name: PBP_Cert.doc**
6. **Mode of Shipment Codes**– Word document that lists the Mode of Shipment codes.
File name: Mode_of_Shipment.doc

14 Associations

The complete list of EDI transaction sets can be found in the ANSI ASC X12 – Electronic Data Interchange X12 Standards, Version 4010. This information is available from:

Data Interchange Standards Association, Inc. (DISA)

<http://www.disa.org>

The Federal/DOD Implementation Conventions for ANSI X.12 may be obtained from:

<http://www.defenselink.mil/bta/fedebiz/index.shtml>

15 ISA/GS Enveloping Instructions

An example of interchange enveloping information is provided in the following tables. Detailed instructions may be found at this link:

http://www.defenselink.mil/bta/FedeBiz/private/edit/document/guidelines/part10/Part_10_004030.pdf

Field Types included within the interchange table include:

- **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** Date/Time – All date Fields use this format: CCYYMMDD
- **TM** All time Fields use this format: HHMMSS

Note: The component element separator (ISA16) as well as the sub-element separator and segment terminator are prohibited in the transaction data fields.

Note: When submitting transactions for the 810P (GS08 = 004010D810P1), please do not include in the same file as other transaction types. 810Ps must be submitted in a separate transaction containing only other 810Ps.

Table 13-1: ISA – Interchange Control Header

<i>Data Elem. #</i>	<i>X12 Name</i>	<i>Format Min/Max</i>	<i>Req. Des</i>	<i>Entry/Implementation Note</i>	<i>Type</i>
ISA01	Authorization Information	2/2	M	00 – No Authorization Information Present	ID
ISA02	Authorization Information	10/10	M	Blanks	AN
ISA03	Security Information Qualifier	2/2	M	00 – No Security Information Present	ID
ISA04	Security Information	10/10	M	Blanks	AN
ISA05	Interchange ID Qualifier	2/2	M	As instructed by VAN	ID
ISA06	Interchange Sender’s ID	15/15	M	EDI Identifier – Assigned by VAN	AN
ISA07	Interchange ID Qualifier	2/2	M	ZZ	ID
ISA08	Interchange Receiver’s ID	15/15	M	DMCCOLUMBUS or DMCOGDEN (Contact VAN to find out which. Entry is dependent on the selected VAN and its primary GEX connection.)	AN
ISA09	Interchange Date	6/6	M	Assigned by the Translation Software	DT
ISA10	Interchange Time	4/4	M	Assigned by the Translation Software	TM
ISA11	Interchange Control Standard Identifier	1/1	M	U – US community of ASC X12	ID
ISA12	Interchange Control Version	5/5	M	Assigned by the Translation Software	ID
ISA13	Interchange Control Number	9/9	M	Assigned by the Translation Software	N0
ISA14	Acknowledgement Requested	1/1	M	0 – No Acknowledgment Requested 1 – Interchange Acknowledgment Requested	ID
ISA15	Test Indicator	1/1	M	T – Test Data P – Production Data	ID

ISA16	Component Element Separator	1/1	M	As established within senders Translation Software	AN
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Table 13-2: GS – Functional Group Header

<i>Data Elem. #</i>	<i>X12 Name</i>	<i>Format Min/Max</i>	<i>Req. Des</i>	<i>Entry/Implementation Note</i>	<i>Type</i>
GS01	Functional ID Code	2/2	M	IN – Invoice Information (810s) SH – Ship Notice Manifest (856) BS – Shipment & Billing Notice (857) RC – Receipt Notice and Acceptance (861) SP – Specifications/Technical Information (841) CI – Consolidated Invoice (811) MD – Department of Defense Inventory Management (527)	ID
GS02	Application Sender's Code	2/15	M	Determined by Contractor and VAN (i.e. Cage Code)	AN
GS03	Application Receiver's Code	2/15	M	ANSI allows 2/15, yet for iRAPT, a Contractor/Vendor must use one of the following values. WAWF01 – Wide Area Work Flow for Production. WAWF02 – Wide Area Work Flow For Testing. WAWF05 – Wide Area Work Flow for 4010 for Testing. (DSS-LOG) WAWF06 – Wide Area Work Flow for 4010 for Production. (DSS-LOG) WAWF07 – Wide Area Work Flow for 4010 for Testing (MISC PAY) WAWF08 – Wide Area Work Flow 4010 for Production (MISC PAY) WAWF09 – Wide Area Work Flow for 4010 for Testing (GFP) WAWF10 – Wide Area Work Flow 4010 for Production (GFP) WAWF11 – Wide Area Work Flow 4010 for Testing (Standard Transactions) WAWF12 – Wide Area Work Flow 4010 for Production (Standard Transactions)	AN
GS04	Group Date	8/8	M	Assigned by Translation Software	DT
GS05	Group Time	4/8	M	Assigned by Translation Software	TM

GS06	Group Control Number	1/9	M	Assigned by Translation Software	N0
GS07	Responsible Agency Code	1/2	M	X – Accredited Standards Committee X12	ID
GS08	Version/Release/Industry ID	1/12	M	<p>4010 Filers: Enter appropriate version of the transaction set being submitted.</p> <p>(12 characters in bold below).</p> <p>810C: 004010D810C1 2 December 2003</p> <p>810V: 004010D810V2 16 January 2004</p> <p>810P: 004010D810P1 25 November 2003</p> <p>811: 004010D811T1 22 July 2009</p> <p>856: 004010F856_3 November 01, 2004</p> <p>857: 004010D857_2 5 January 2005</p> <p>841: 004010F841P0 3 NOV 2003</p> <p>527R: 004010F527D5 January 07, 2013</p>	AN

Table 13-3: GE – Functional Group Trailer

<i>Data Elem. #</i>	<i>X12 Name</i>	<i>Format Min/Max</i>	<i>Req. Des</i>	<i>Entry/Implementation Note</i>	<i>Type</i>
GE01	Number of Transaction Sets included.	1/6	M	Number of Transaction Sets (ST/SE pairs) included in the Functional Group.	N0
GE02	Group Control Number	1/9	M	Must match GS06	N0

Example:

GE*1*42204

Table 13-3: IEA – Interchange Control Trailer

<i>Data Elem. #</i>	<i>X12 Name</i>	<i>Format Min/Max</i>	<i>Req. Des</i>	<i>Entry/Implementation Note</i>	<i>Type</i>
IEA01	Number of Included Functional Groups.	1/5	M	Number of included functional groups (GS/GE pairs) in the interchange.	N0
IEA02	Interchange Control Number	9/9	M	Must match ISA13	N0

Example:

IEA*2*000037746

Standard usage of ISA/IEA and GS/GE pairs in a WAWF EDI transaction:

```
ISA*00*      *00*      *ZZ*1NGC1      *ZZ*DMCOGDEN      *071112*1244*U*00401*000037746*0*P*~
GS*IN*1NGC1*WAWF02*20071112*1244*42204*X*004010D810C0
ST*810*123000004
  <body of 810>
SE*22*123000004
GE*1*42204
IEA*1*000037746
```

**Sample of an ISA/GS for sending in a WAWF EDI transaction with attachments
(sample shown is an 810 with the corresponding 841):**

```
ISA*00*      *00*      *ZZ*1NGC1      *ZZ*DMCOGDEN      *071112*1244*U*00401*000037746*0*P*~
GS*IN*1NGC1*WAWF02*20071112*1244*42204*X*004010D810C0
ST*810*123000004
  <body of 810>
SE*22*123000004
GE*1*42204
GS*SP*1NGC1*WAWF02*20080516*1244*33445566*X*004010F841P0
ST*841*4001
  <body of 841>
SE*6*4001
GE*1*33445566
IEA*2*000037746
```

*See Section 11 regarding sending attachments to iRAPT via EDI.