810 Invoice/

824 Application Advice

Supplier Implementation Guide

Getting Started with EDI

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Introduction

Getting Started with the Exchange EDI

The following document was created to speed-up your EDI implementation. If you require additional information that is not included in this packet, please contact our EDI implementation team. We will be happy to assist you.

This document provides instructions for implementing the EDI 810 Invoice and 824 Application Advice.

This document is divided into the following sections:

- **Introduction to EDI** – A basic introduction of EDI and the 810 Invoice and 824 Application Advice.
- **Non-Technical Reference Materials** – Includes contact and protocol information.
- **Technical Guidelines** – Your IT or technical staff will need this information to successfully implement the 810 and the 824.

While this guide is largely intended for technical personnel, the introductory information allows you to gain a full understanding of why EDI is used and what the benefits are to you. If you are not a technical resource, we recommend you read this introduction prior to turning this guide over to any IT/technical resources who may implement the 810 and 824 Application Advice for your organization. If you have questions about conducting business with the Exchange or EDI concerns beyond the 810, 824 please consult the Exchange web site www.shopmyexchange.com under doing business with the Exchange.

What is EDI?

Simply stated, EDI (Electronic Data Interchange) is the electronic exchange of business documents between supplier and retailer in a global standardized format. Traditionally, communications between business partners (like Purchase Orders, Advanced Ship Notice or Invoices) were conducted on paper and sent via mail or fax.
With the advent of electronic file sharing, communicating such information electronically greatly reduces the time and resources required to manage these interactions. There are various EDI standards (or formats) that a company may use. Exchange currently supports ANSI X12 (American National Standards Institute), UCS (Uniform Communications Standards) and VICS (Voluntary Inter-industry Commerce Standard).

What is EDIINT AS2 (Applicability Statement 2)

EDIINT (EDI over the Internet) is a set of communication protocols, introduced by the IETF (Internet Engineering Task Force) in 1995, used to securely transmit data over the Internet. One version of EDIINT that the Exchange offers is AS2 (Applicability Statement 2). AS2 supports EDI or other data file transmissions over the Internet using HTTP.

AS2 is a specification about how to *transport* data, not how to validate or process the content of the data. AS2 specifies the means to connect, deliver, and receive data in a secure and reliable way. Our AS2 is an asynchronous only; it is an Internet Protocol based solution that uses standard HTTP. Here's are our guidelines for AS2 **click here**

Expectations of EDI Suppliers

Before beginning EDI data testing you must have completed the following:

- AS2 communication testing must be completed within 10 business days
- Partner maps must be completed
- All items must be attached to your procurement code

We require full commitment from our partners. In most cases, EDI data testing should be no longer that 15 business days for partners that create their own mappings. If you use a 3rd party provider, testing should be no longer than 5 business days.

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EDI Mandatory Transaction

The required documents are 850 (outbound PO), 810 (inbound Invoice), 860 (outbound Amendment), 856 (inbound ASN) with GS1-128 label documents, and 997 (acknowledgement).

Required Electronic Documents

Transaction	Standard	Description	Version
810	X-12	Invoice	5010
824	X-12	Application Advice for 810	5010
850	X-12	Purchase Order - Revision 1 **(All data)**	5010R1
850	X-12	Purchase Order - Revision 2 **(No PID – Product Item Description**)	5010R2
850	VICS	Purchase Order - Revision 5 VICS – **(No Special Marking instruction for overseas shipment)**	5010R5
856	X-12	Ship Notice/Manifest	5010
860	X-12	Purchase Order Change Request - **Buyer Initiated**	5010
997	X-12	Functional Acknowledgement	5010

(997) Acknowledgment is required within 24 hours for any outbound file from the date of the transmitted document. Failure to send 997 Functional Acknowledgment will result in non-compliance charges.

The Exchange EDI sends the 997 within 24 hours of the inbound file received.

(810) Invoice is received inbound for payment of merchandise. Invoice data from the supplier must follow the EDI mapping requirements to be processed successfully.

Once the supplier is in production EDI with invoices, paper invoices are not accepted. Invoices failing in our EDI system from supplier error may result in non-compliance charges.

Testing

• Review EDI guidelines and specifications found at:
http://www.shopmyexchange.com/DoingBusiness/edigds/edi.htm
• After connection setup and mapping is completed by the supplier and Exchange, testing can commence for EDI documents with the EDI Rollout associate, their group email is EDIROLLOUTREQUEST@AAFES.COM
• Submit test data for evaluation on inbound (from trading supplier) transaction sets (i.e., 810, 856) using test purchase order (sent by Exchange).
• Submit shipping label (GS1-128) Bar Code Graphics for label certification to EDIROLLOUT@AAFES.COM

Depending on the supplier, testing can be a simple or complex process. If the supplier uses a third party provider already trading EDI documents with the Exchange, many of the documents do not require testing and go directly to production. Testing should be completed for the remaining documents within five days. For suppliers using their own EDI, testing should be completed within two weeks of their connection setup and maps ready to test. The supplier is expected to dedicate the time and effort to this process to ensure timely completion.

Note:

1. Supplier is responsible for checking their VAN mailbox daily.
2. Supplier is required to send Functional Acknowledgments within 24 hours of the transmission date.
3. Supplier is responsible for all VAN (Value Added Network) charges.
4. Supplier is responsible for viewing message detailing error on all 824 Application Advice sent as well as viewing the 997 Functional Acknowledgement.

The Importance of the 810

Receiving the invoice electronically allows us to process your payments faster. When paper invoice is received, we must manually enter the invoice into our system which causes invoices to not be paid on time, etc.

Invoice contains information about items being shipped, including purchase order number, ship date, Ship To and Final Destination Facility and supplier UPC number.

Receiving the 810 invoice electronically will result in:

- Invoice being paid on time.
- Payments can be reconciled with purchase orders.

Manual follow-ups, such as phone calls and emails, must take place to resolve the discrepancy.

EDI Requirements

The Exchange requires the EDI to be tested and complete to production using these guidelines.

- When supplier uses an EDI Provider (Ex: 3rd party provider) the mandatory documents 850, 860, 810 and 824 are added straight to EDI production system, we allow five business days to complete the 856 (ASN) with the UCC128 label testing.
- When supplier does their own mapping and testing, the supplier is expected to be tested and moved to EDI production within 15 business days (three weeks)
- Supplier is expected to be fully committed and engaging during the testing of EDI documents.
- Suppliers will receive a 997 within 24 hours of the Exchange sending the EDI transmission to Supplier.
- We expect the return of the 997 within 24 hours of supplier receiving the document, by not complying with the 24 hour time frame, will result in non-compliance charges.
- Suppliers are required to maintain compatible electronic document version numbers in accordance with the Exchange current software.

All documents must be sent with the Exchange required fields as the minimum standard in order to be in compliance with our guidelines.

Required Fields

The next section, the EDI 810 Technical Guidelines, provides the EDI standard and technical documentation for the universal standards. To simplify the process for you, below is a list of fields that the Exchange requires in the 810 transaction. You may want to refer to both this section and the next for complete technical guidelines, but this summary will allow you to focus on exactly what is needed for a successful 810.

- Suppliers must transmit a complete and correct invoice. Invoice terms start when invoice is received through EDI complete and correct. Total extended lines must match the Total Dollar amount. Including SAC (allowances) when applicable.

- Invoice number is required and must not be duplicated more than one time for the same PO number.

- You must provide the **Products** we order as specified **by UPC** (or similar universal product identifiers like the European Article Number EAN or Global Trade Item Number GTIN) No substitute items on the Invoice unless buying office has approved and adjusted the Exchange system to allow for the receipt of the item.

- You must provide the Exchange **10 digit** **Purchase Order number** (PO, VON or DSD) which sets up all other processes for the handling and receipt of your invoice.

- You must identify the Internal Vendor Number (8 digit vendor code from the PO), Bill of Lading Number.

- You must provide the Ship To or Mark for facility, 7 digit Exchange facility number, 4-digit Alpha Numeric or 13 digit Global Location Number (GLN), facility number retrieved from the PO.

- You must provide the Supplier 9 digit DUNS number or 13 digit DUNS number.

- Ship date of the merchandise is mandatory; Payment is based on the later of scheduled ship date or invoice date.

All 810 fields below are required by the Exchange EDI Standards and used to calculate compliance.

Data Element	Business Definition	Maps to Technical Guideline…	Example Data Elements	Hierarchical Level Within the Invoice
Transaction Set Header	Identifies type of document (810/Invoice)	ST	ST*810*19250001~	Header
Invoice Information, INV Date, INV number and PO number	Beginning Segment , includes Invoice date, number and PO number	BIG	BIG*20141215*123456**1234567890~	Heading
Currency	Required if payment is other than US dollars	CUR	CUR*SE*EUR	Heading
Reference Information	Used to identify internal vendor number, bill of lading number or special order number	REF IA is required on 5010 Version.	REF*BM*123456789~ REF*IA*12345678~	Heading
Party Identification (Ship From)	The facility number, address of the location where the product is being shipped (shipping point).	N1	N1*ST* *92*1059902~	Heading
N1 Party Identification (identify party to receive payment)	Supplier name and 9 or 13 digit DUNS number	N1 Code RI is used in 5010 version	N1*RI*ABC Co*1*XXXXXXXXX~ or N1*RI*ABC Co*9*XXXXXXXXXXXXX~	Heading
Terms of Sale/Deferred Terms of Sale	Payment terms based on negotiation with buyer and supplier	ITD	ITD*XX******XX~ for straight Net days ITD*XX**X**XX**XX~ for discount days	Heading
DTM Ship date	Segment determines the ship date of the merchandise	DTN	DTM*011*XXXXXXXX~	Heading
IT1 Item Data	Line item data for the invoice	IT1	IT1**X*XX*XX**XX*XXXXXXXXXXXX~	Detail Level

CTP Pricing Information	Used when supplier is Direct charge or promo price based on PO	CTP	CTP*XXX**XX	Detail
PID Product/item Description	Description of the product/ item	PID	PID*F*****SL MED ITEM	Detail Level
PO4 Specify the physical quantity , must be present when billing in cases or boxes	Item physical detail, required if billing in cases or boxes	PO4	PO4*X~	Detail Level
SAC Promotions, Allowances, or Charge Information	Identify promotion, allowance discounts, will be added or deducted from invoice total amount.	SAC	SAC*X*XXXX**XX	Detail Level
TDS Total Money Value Summary	Specify the total invoice discounts and amount Line extensions and SAC must equal the invoice Total amount.	TDS	TDS*XX	Summary
CTT Transaction Totals	Total number of Lines on the order	CTT	CTT*X	Summary
SE Transaction Trailer	Number of segments including ST to SE	SE	SE*X*X	Summary

All 824 Application Advice fields below are required by the Exchange EDI Standards and used to calculate compliance

Data Element	Business Definition	Maps to Technical Guideline…	Example Data Elements	Hierarchical Level Within the Invoice
Transaction Set Header	Identifies type of document (810/Invoice)	ST	ST*824*0001~	Header
Error Information, Reference, Date of the 824	Beginning Segment , includes Information Reference number, date of the 824	BGN	BGN*00*201509250035354907 0012345638*20150930*20150930~	Heading
N1 Party Identification (identify party to receive error message)	Supplier name and 9 or 13 digit DUNS number	N1 Code FR is used in 5010 version	N1*FR*HQ-Army/Air Force Exch svc*92*1018542~ or N1*TO*Test 824*1*123456789~	Heading
Original Transaction Identification	Identifies error transaction sets, ID, qualifier, Ref Identification, Control number and Control Identifier	OTI	OTI*IR*IV*00456789*****20*200001 *810~	Detail
TED Technical Error	Segment determines the error within the data, error code and free form text	TED	TED*010*TDS01 HAS OVERCHARGE AMT; $41 FOR INV; 00456789~	Detail
NTE Note, specific instruction	Segment is only generated when description is more than 60 characters	NTE	NTE01*GEN*Description	Detail
RED Related Data	Segment is used to provide additional information of the 824	RED	RED01*Description*Code~	Detail
SE Transaction Trailer	Number of segments including ST to SE	SE	SE*number*number	Summary

General Reference Materials

Contact Information

If you have any questions or concerns regarding your EDI communication with the EXCHANGE, please contact us using the following contact information.

EDI Operations Team (Production) email address **–** **EDIERRORSUPPORT@AAFES.COM**

EDI Rollout Team (Testing) email address **–** **EDIROLLOUTREQUEST@AAFES.COM**

EDI Standards and ISA/GS Information

Standards/Version: X12 005010
X12 Standards
Sub-element Sep: > (Hex 6E)
Element Sep: * (Hex 5C)
Segment Term: ~ (Hex 15)

ISA Header Information
PRODUCTION ID'S
Exchange Receiver Qualifier: 14
Exchange Receiver ID: 001695568GP

TESTING ID's
Exchange Receiver Qualifier: 14
Exchange Receiver ID: 001695568GT

NOTE: We acknowledge all transactions at Group Level within 24 hours of receipt. Please acknowledge any transactions you receive from us in the same manner.

810 Invoice

Functional Group ID=IN

Introduction:

This X12 Transaction Set contains the format and establishes the data contents of the Invoice Transaction Set (810) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the billing for goods and services provided.

Notes:

The following document identifies the AAFES business requirements for receiving the 810 Invoice.

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
18	0100	ST	Transaction Set Header	M	1		
19	0200	BIG	Beginning Segment for Invoice	M	1		
Not Used	0300	NTE	Note/Special Instruction	O	100		
20	0400	CUR	Currency	O	1		
21	0500	REF	Reference Information	O	12		
Not Used	0550	YNQ	Yes/No Question	O	10		
Not Used	0600	PER	Administrative Communications Contact	O	3		
			LOOP ID - N1			200	
22	0700	N1	Party Identification	O	1		
24	0800	N2	Additional Name Information	O	2		
25	0900	N3	Party Location	O	2		
26	1000	N4	Geographic Location	O	1		
Not Used	1100	REF	Reference Information	O	12		
Not Used	1200	PER	Administrative Communications Contact	O	3		
Not Used	1250	DMG	Demographic Information	O	1		
27	1300	ITD	Terms of Sale/Deferred Terms of Sale	O	>1		
29	1400	DTM	Date/Time Reference	O	10		
Not Used	1500	FOB	F.O.B. Related Instructions	O	1		
Not Used	1600	PID	Product/Item Description	O	200		
Not Used	1700	MEA	Measurements	O	40		
Not Used	1800	PWK	Paperwork	O	25		
Not Used	1900	PKG	Marking, Packaging, Loading	O	25		

Not Used	2000	L7	Tariff Reference	O	1		
Not Used	2120	BAL	Balance Detail	O	>1		
Not Used	2130	INC	Installment Information	O	1		
Not Used	2140	PAM	Period Amount	O	>1		
Not Used	2145	CRC	Conditions Indicator	O	1		
			LOOP ID - LM			10	
Not Used	2200	LM	Code Source Information	O	1		
Not Used	2300	LQ	Industry Code Identification	M	100		
			LOOP ID - N9			1	
Not Used	2400	N9	Extended Reference Information	O	1		
Not Used	2500	MSG	Message Text	M	10		
			LOOP ID - V1			>1	
Not Used	2600	V1	Vessel Identification	O	1		
Not Used	2700	R4	Port or Terminal	O	>1		
Not Used	2800	DTM	Date/Time Reference	O	>1		
			LOOP ID - FA1			>1	
Not Used	2900	FA1	Type of Financial Accounting Data	O	1		
Not Used	3000	FA2	Accounting Data	M	>1		

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - IT1			200000	
30	0100	IT1	Baseline Item Data (Invoice)	O	1		
Not Used	0120	CRC	Conditions Indicator	O	1		
Not Used	0150	QTY	Quantity Information	O	5		n1
Not Used	0200	CUR	Currency	O	1		
Not Used	0300	IT3	Additional Item Data	O	5		
Not Used	0400	TXI	Tax Information	O	>1		
32	0500	CTP	Pricing Information	O	25		
Not Used	0550	PAM	Period Amount	O	10		
Not Used	0590	MEA	Measurements	O	40		
			LOOP ID - PID			1000	
33	0600	PID	Product/Item Description	O	1		
Not Used	0700	MEA	Measurements	O	10		
Not Used	0800	PWK	Paperwork	O	25		
Not Used	0900	PKG	Marking, Packaging, Loading	O	25		
35	1000	PO4	Item Physical Details	O	1		
Not Used	1100	ITD	Terms of Sale/Deferred Terms of Sale	O	2		
36	1200	REF	Reference Information	O	>1		
Not Used	1250	YNQ	Yes/No Question	O	10		
Not Used	1300	PER	Administrative Communications Contact	O	5		
Not Used	1400	SDQ	Destination Quantity	O	500		
Not Used	1500	DTM	Date/Time Reference	O	10		
Not Used	1600	CAD	Carrier Details	O	>1		

Not Used	1700	L7	Tariff Reference	O	>1		
Not Used	1750	SR	Requested Service Schedule	O	1		
			LOOP ID - SAC			>1	
37	1800	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
			LOOP ID - TXI			>1	
Not Used	1900	TXI	Tax Information	O	1		
Not Used	1950	DTM	Date/Time Reference	O	1		
			LOOP ID - SLN			1000	
Not Used	2000	SLN	Subline Item Detail	O	1		
Not Used	2050	DTM	Date/Time Reference	O	1		
Not Used	2100	REF	Reference Information	O	>1		
Not Used	2200	PID	Product/Item Description	O	1000		
Not Used	2300	SAC	Service, Promotion, Allowance, or Charge Information	O	>1		
Not Used	2350	TC2	Commodity	O	2		
Not Used	2370	TXI	Tax Information	O	>1		
			LOOP ID - N1			200	
Not Used	2400	N1	Party Identification	O	1		
Not Used	2500	N2	Additional Name Information	O	2		
Not Used	2600	N3	Party Location	O	2		
Not Used	2700	N4	Geographic Location	O	1		
Not Used	2800	REF	Reference Information	O	12		
Not Used	2900	PER	Administrative Communications Contact	O	3		
Not Used	2950	DMG	Demographic Information	O	1		
			LOOP ID - LM			10	
Not Used	3000	LM	Code Source Information	O	1		
Not Used	3100	LQ	Industry Code Identification	M	100		
			LOOP ID - V1			>1	
Not Used	3200	V1	Vessel Identification	O	1		
Not Used	3300	R4	Port or Terminal	O	>1		
Not Used	3400	DTM	Date/Time Reference	O	>1		
			LOOP ID - FA1			>1	
Not Used	3500	FA1	Type of Financial Accounting Data	O	1		
Not Used	3600	FA2	Accounting Data	M	>1		

Summary:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
40	0100	TDS	Total Monetary Value Summary	M	1		
Not Used	0200	TXI	Tax Information	O	>1		
Not Used	0300	CAD	Carrier Details	O	1		
Not Used	0350	AMT	Monetary Amount Information	O	>1		
			LOOP ID - SAC			>1	
41	0400	SAC	Service, Promotion, Allowance, or Charge Information	O	1		

Not Used	0450	DTM	Date/Time Reference	O	>1	
			LOOP ID - TXI			>1
Not Used	0500	TXI	Tax Information	O	1	
Not Used	0550	DTM	Date/Time Reference	O	1	
			LOOP ID - ISS			>1
Not Used	0600	ISS	Invoice Shipment Summary	O	1	
Not Used	0650	PID	Product/Item Description	O	1	
41	0700	CTT	Transaction Totals	O	1	n2
42	0800	SE	Transaction Set Trailer	M	1	

Transaction Set Notes

1. The QTY segment is used to specify a quantity of units which are expected as payments, e.g., trade-ins or returns.

2. Number of line items (CTT01) is the accumulation of the number of IT1 segments. If used CTT02 is the hash total of the quantities invoiced (IT102) for each IT1 segment.

Segment: **ST** **Transaction Set Header**
Position: 0100
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes:

1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

2 The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

Comments:

Data Element Summary

	Ref. Des.	Data Element	Name			Attributes
M	**ST01**	**143**	**Transaction Set Identifier Code**	**M**	**1**	**ID 3/3**
			Code uniquely identifying a Transaction Set			
			810 Invoice			
M	**ST02**	**329**	**Transaction Set Control Number**	**M**	**1**	**AN 4/9**
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set			

Segment: **BIG** **Beginning Segment for Invoice**
Position: 0200
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates
Syntax Notes:
Semantic Notes:
1 BIG01 is the invoice issue date.
2 BIG03 is the date assigned by the purchaser to purchase order.
3 BIG10 is the consolidated invoice number associated with the invoice identified in BIG02. When BIG07 contains code CI (Consolidated Invoice), BIG02 will contain the consolidated invoice number and BIG10 is not used.
Comments:
1 BIG07 is used only to further define the type of invoice when needed.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**BIG01**	**373**	**Date** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	**M**	**1**	**DT 8/8**
M	**BIG02**	**76**	**Invoice Number** Identifying number assigned by issuer	**M**	**1**	**AN 1/22**
M	**BIG04**	**324**	**Purchase Order Number** Identifying number for Purchase Order assigned by the purchaser	**X**	**1**	**AN 1/22**

- ***The AAFES 10-digit Purchase Order Number, Vendor Order Number (VON) or Delivery Order Number must be present.***

Segment:	# **CUR** **Currency**
Position:	0400
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify the currency (dollars, pounds, francs, etc.) used in a transaction
Syntax Notes:	**1** If CUR08 is present, then CUR07 is required. **2** If CUR09 is present, then CUR07 is required. **3** If CUR10 is present, then at least one of CUR11 or CUR12 is required. **4** If CUR11 is present, then CUR10 is required. **5** If CUR12 is present, then CUR10 is required. **6** If CUR13 is present, then at least one of CUR14 or CUR15 is required. **7** If CUR14 is present, then CUR13 is required. **8** If CUR15 is present, then CUR13 is required. **9** If CUR16 is present, then at least one of CUR17 or CUR18 is required. **10** If CUR17 is present, then CUR16 is required. **11** If CUR18 is present, then CUR16 is required. **12** If CUR19 is present, then at least one of CUR20 or CUR21 is required. **13** If CUR20 is present, then CUR19 is required. **14** If CUR21 is present, then CUR19 is required.
Semantic Notes:	
Comments:	**1** See Figures Appendix for examples detailing the use of the CUR segment.
Notes:	▪ ***This segment is required if the payment is in currency other than US dollars. If the payment is in US dollars, the segment is not used.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**CUR01**	**98**	**Entity Identifier Code** Code identifying an organizational entity, a physical location, property or an individual SE Selling Party	**M 1 ID 2/3**
M	**CUR02**	**100**	**Currency Code** Code (Standard ISO) for country in whose currency the charges are specified *Three digit currency code of desired payment.*	**M 1 ID 3/3**

Segment:	**REF** **Reference Information**
Position:	0500
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	12
Purpose:	To specify identifying information
Syntax Notes:	**1** At least one of REF02 or REF03 is required. **2** If either C04003 or C04004 is present, then the other is required. **3** If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	**1** REF04 contains data relating to the value cited in REF02.
Comments:	

Notes:

- ***This segment is used to identify the Internal Vendor Number, Bill or Lading Number, Contract Number, Internal Delivery Ticket Number and/or Special Order Number.***
- ***The REF*IA is an eight digits internal vendor number that is transmitted on your PO – EDI 850.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**REF01**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification BM Bill of Lading Number CT Contract Number DJ Delivery Ticket Number IA Internal Vendor Number	**M**	**1**	**ID 2/3**
M	**REF02**	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	**X**	**1**	**AN 1/50**

Segment: **N1** **Party Identification**
Position: 0700
Loop: N1
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes:
1 At least one of N102 or N103 is required.
2 If either N103 or N104 is present, then the other is required.

Semantic Notes:

Comments:
1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2 N105 and N106 further define the type of entity in N101.

Notes:

- ***Two N1 loops are required by AAFES. <u>In the first loop, the "ST" and/or "BY" qualifier must be used to identify the AAFES ship-to and/or buying party location.</u> <u>The "RI" qualifier must be used to identify the party to receive payment in the second N1 loop.</u>***
- ***Please let us know if there are any changes in the N104 (remit to nine digit company DUNS). Our AP system, validates the number sent matches what we have our tables.***
- ***Use the N1, N3, & N4 segments to convey customer name and address information for orders delivered directly to customers. This includes Exchange Catalog Orders & home delivery items.***
- ***N104 must contain the AAFES facility number for direct charge program invoices.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**N101**	**98**	**Entity Identifier Code**	**M 1 ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual	
			BY — Buying Party (Purchaser)	
			RI — Remit To	
			ST — Ship To	
	N102	**93**	**Name**	**X 1 AN 1/60**
			Free-form name	
			▪ ***If the entity identifier code = "ST" and/or "BY", the N102 is not required unless the AAFES facility number is not available for transmission in the N104.***	
M	**N103**	**66**	**Identification Code Qualifier**	**X 1 ID 1/2**
			Code designating the system/method of code structure used for Identification Code (67)	
			1 — D-U-N-S Number, Dun & Bradstreet	
			9 — D-U-N-S+4, D-U-N-S Number with Four Character Suffix	

			92	Assigned by Buyer or Buyer's Agent		
			UL	Global Location Number (GLN) A globally unique 13 digit code for the identification of a legal, functional or physical location within the Uniform Code Council (UCC) and International Article Number Association (EAN) numbering system ▪ ***When N101 = RI (Remit To) UL (Global Location Number) cannot be used.***		
M	**N104**	**67**	**Identification Code** Code identifying a party or other code ▪ ***This identification code will either be a 9-digit Duns number or 13-digit Duns number with suffix or 4-digit Alpha/Numeric AAFES facility number or 7-digit AAFES facility number or 13-digit Global Location Number (GLN) or eight digit vendor payment code or 10 digit facility number.*** ▪ ***Each number must be valid numbers.***		**X**	**1 AN 2/80**

Segment: **N2** **Additional Name Information**
Position: 0800
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify additional names
Syntax Notes:
Semantic Notes:
Comments:
Notes:
- ***Not required if N104 is transmitted.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	N201	93	**Name** Free-form name	M	1	AN 1/60
	N202	93	**Name** Free-form name	O	1	AN 1/60

Segment:	**N3** **Party Location**
Position:	0900
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	2
Purpose:	To specify the location of the named party
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	▪ ***The N3 segment is used for the "ST" and /or "BY" loops only. The N3 segment is not needed if the AAFES facility number is transmitted in the N104 segment.*** ▪ ***AAFES only uses the first instance of the N3 segment.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**N301**	**166**	**Address Information** Address information	**M**	**1**	**AN 1/55**
	N302	**166**	**Address Information** Address information	**O**	**1**	**AN 1/55**

Segment: **N4** **Geographic Location**
Position: 1000
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes:
1 Only one of N402 or N407 may be present.
2 If N406 is present, then N405 is required.
3 If N407 is present, then N404 is required.

Semantic Notes:
Comments:
1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2 N402 is required only if city name (N401) is in the U.S. or Canada.

Notes:
- ***Not required if the "N104" is transmitted.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**N401**	**19**	**City Name** Free-form text for city name	**O**	**1**	**AN 2/30**
M	**N402**	**156**	**State or Province Code** Code (Standard State/Province) as defined by appropriate government agency	**X**	**1**	**ID 2/2**
M	**N403**	**116**	**Postal Code** Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	**O**	**1**	**ID 3/15**
	N404	**26**	**Country Code** Code identifying the country	**X**	**1**	**ID 2/3**

Segment: **ITD** **Terms of Sale/Deferred Terms of Sale**
Position: 1300
Loop:
Level: Heading
Usage: Mandatory
Max Use: >1
Purpose: To specify terms of sale
Syntax Notes:
1 If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required.
2 If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required.
3 If ITD09 is present, then at least one of ITD10 or ITD11 is required.
Semantic Notes:
1 ITD15 is the percentage applied to a base amount used to determine a late payment charge.
Comments:
1 If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.
Notes:
EXAMPLES:

Net 30 ITD01=01, ITD07=30

2%10 Net 30 ITD01=01, ITD03=2, ITD05=10, ITD07=30

Net 10 Prox ITD01=09, ITD07=10

Net 15 EOM ITD01=02, ITD07=15

AAFES will process only one set of terms which are applied to the entire invoice.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	ITD01	336	**Terms Type Code** Code identifying type of payment terms *Required by AAFES* 01 Basic 02 End of Month (EOM) 03 Fixed Date 05 Discount Not Applicable 06 Mixed 07 Extended 08 Basic Discount Offered 09 Proximo 11 Elective 12 10 Days After End of Month (10 EOM) 14 Previously agreed upon	O 1 ID 2/2
	ITD03	338	**Terms Discount Percent** Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date	O 1 R 1/6
	ITD04	370	**Terms Discount Due Date** Date payment is due if discount is to be earned expressed in format CCYYMMDD where CC represents the first two digits of the calendar year	X 1 DT 8/8
	ITD05	351	**Terms Discount Days Due**	X 1 N0 1/3

			Number of days in the terms discount period by which payment is due if terms discount is earned			
	ITD06	**446**	**Terms Net Due Date**	**O**	**1**	**DT 8/8**
			Date when total invoice amount becomes due expressed in format CCYYMMDD where CC represents the first two digits of the calendar year			
M	**ITD07**	**386**	**Terms Net Days**	**O**	**1**	**N0 1/3**
			Number of days until total invoice amount is due (discount not applicable)			
	ITD08	**362**	**Terms Discount Amount**	**O**	**1**	**N2 1/10**
			Total amount of terms discount			
	ITD12	**352**	**Description**	**O**	**1**	**AN 1/80**
			A free-form description to clarify the related data elements and their content			

Segment:	**DTM** **Date/Time Reference**
Position:	1400
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	10
Purpose:	To specify pertinent dates and times
Syntax Notes:	**1** At least one of DTM02 DTM03 or DTM05 is required. **2** If DTM04 is present, then DTM03 is required. **3** If either DTM05 or DTM06 is present, then the other is required.
Semantic Notes:	
Comments:	
Notes:	▪ ***Ship date is required.*** ▪ ***AAFES will process only one occurrence of the DTM segment to determine the ship date of the merchandise. Invoice payment is based on the later of scheduled ship date or invoice receipt date.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**DTM01**	**374**	**Date/Time Qualifier** Code specifying type of date or time, or both date and time 011 Shipped	**M**	**1**	**ID 3/3**
M	**DTM02**	**373**	**Date** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	**M**	**1**	**DT 8/8**

Segment: **IT1** **Baseline Item Data (Invoice)**
Position: 0100
Loop: IT1 Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify the basic and most frequently used line item data for the invoice and related transactions

Syntax Notes:
1 If any of IT102 IT103 or IT104 is present, then all are required.
2 If either IT106 or IT107 is present, then the other is required.
3 If either IT108 or IT109 is present, then the other is required.
4 If either IT110 or IT111 is present, then the other is required.
5 If either IT112 or IT113 is present, then the other is required.
6 If either IT114 or IT115 is present, then the other is required.
7 If either IT116 or IT117 is present, then the other is required.
8 If either IT118 or IT119 is present, then the other is required.
9 If either IT120 or IT121 is present, then the other is required.
10 If either IT122 or IT123 is present, then the other is required.
11 If either IT124 or IT125 is present, then the other is required.

Semantic Notes:
1 IT101 is the line item identification.

Comments:
1 Element 235/234 combinations should be interpreted to include products and/or services. See the Data Dictionary for a complete list of IDs.
2 IT106 through IT125 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Notes:
- ***This segment is not required, when sending freight charges separately.***

Data Element Summary

	Ref. Des.	Data Element	Name			Attributes
M	**IT102**	**358**	**Quantity Invoiced** Number of units invoiced (supplier units)	**X**	**1**	**R 1/15**
M	**IT103**	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 005010 Data Element Dictionary for acceptable code values.	**X**	**1**	**ID 2/2**
M	**IT104**	**212**	**Unit Price** Price per unit of product, service, commodity, etc.	**X**	**1**	**R 1/17**
M	**IT106**	**235**	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234)	**X**	**1**	**ID 2/2**

Code	Description
EN	EAN/UCC - 13 Data structure for the 13 digit EAN.UCC (EAN International Uniform Code Council) Global Trade Identification Number (GTIN)
EO	EAN/UCC - 8 Data structure for the 8 digit EAN.UCC (EAN International Uniform Code Council) Global Trade Identification Number (GTIN)
IB	International Standard Book Number (ISBN)
UA	U.P.C./EAN Case Code (2-5-5)
UI	U.P.C. Consumer Package Code (1-5-5)
UK	GTIN 14-digit Data Structure

			UP — Data structure for the 14 digit EAN.UCC (EAN International Uniform Code Council) Global Trade Item Number (GTIN)			
			UP — UCC - 12 Data structure for the 12 digit EAN.UCC (EAN International Uniform Code Council) Global Trade Identification Number (GTIN). Also known as the Universal Product Code (U.P.C.)			
M	**IT107**	**234**	**Product/Service ID** Identifying number for a product or service	**X**	**1**	**AN 1/48**
	IT108	**235**	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234) PI — Purchaser's Item Code	**X**	**1**	**ID 2/2**
	IT109	**234**	**Product/Service ID** Identifying number for a product or service	**X**	**1**	**AN 1/48**
	IT110	**235**	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234) VA — Vendor's Style Number	**X**	**1**	**ID 2/2**
	IT111	**234**	**Product/Service ID** Identifying number for a product or service	**X**	**1**	**AN 1/48**
	IT112	**235**	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234) CB — Buyer's Catalog Number	**X**	**1**	**ID 2/2**
	IT113	**234**	**Product/Service ID** Identifying number for a product or service	**X**	**1**	**AN 1/48**

Segment: **CTP** **Pricing Information**
Position: 0500
Loop: IT1 Optional
Level: Detail
Usage: Optional
Max Use: 25
Purpose: To specify pricing information
Syntax Notes:
1 If either CTP04 or CTP05 is present, then the other is required.
2 If CTP06 is present, then CTP07 is required.
3 If CTP09 is present, then CTP02 is required.
4 If CTP10 is present, then CTP02 is required.
5 If CTP11 is present, then CTP03 is required.

Semantic Notes:
1 CTP07 is a multiplier factor to arrive at a final discounted price. A multiplier of .90 would be the factor if a 10% discount is given.
2 CTP08 is the rebate amount.

Comments:
1 See Figures Appendix for an example detailing the use of CTP03 and CTP04.
See Figures Appendix for an example detailing the use of CTP03, CTP04 and CTP07.

Notes:
- ***Two occurrences of the CTP segment can be sent on the invoice.***
- ***First occurrence will indicate if a partner is on the "direct charge program", this segment will be identified before testing.***
- ***Second occurrence is for 'promotional price reduction' which is passed on the purchase order***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**CTP02**	**236**	**Price Identifier Code** Code identifying pricing specification ***AAFES sell price.*** PRP Promotional price ***Voluntary Price Reduction (VPR)*** RTL Retail ***AAFES Sell Price for Direct Charge Program Only***	**X 1 ID 3/3**
M	**CTP03**	**212**	**Unit Price** Price per unit of product, service, commodity, etc.	**X 1 R 1/17**

Segment: **PID** **Product/Item Description**
Position: 0600
Loop: PID Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To describe a product or process in coded or free-form format

Syntax Notes:
1. If PID04 is present, then PID03 is required.
2. At least one of PID04 or PID05 is required.
3. If PID07 is present, then PID03 is required.
4. If PID08 is present, then PID04 is required.
5. If PID09 is present, then PID05 is required.

Semantic Notes:
1. Use PID03 to indicate the organization that publishes the code list being referred to.
2. PID04 should be used for industry-specific product description codes.
3. PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
4. PID09 is used to identify the language being used in PID05.

Comments:
1. If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
2. Use PID06 when necessary to refer to the product surface or layer being described in the segment.
3. PID07 specifies the individual code list of the agency specified in PID03.

Notes:
- ***AAFES will accept a maximum of three PID segments. The PID segment will be used to convey item description and/or if applicable the California Air Resources Board (CARB) statement of compliance in a partially codified structure.***

Example item description: PID*F*CAT SLIPPERS BLUE~***
Example of CARB Compliance Statement: PID*X**AX*GM04COMPFE*1~

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	PID01	349	**Item Description Type**	M 1 ID 1/1
			Code indicating the format of a description	
			F — Free-form	
			Use this code when sending item description.	
			X — Semi-structured (Code and Text)	
			This code must be used when sending CARB information in PID03, 04 and 05.	
	PID03	559	**Agency Qualifier Code**	X 1 ID 2/2
			Code identifying the agency assigning the code values	
			AX — ANSI Accredited Standards Committee, X12	
			This element must be sent if PID01 = X.	
	PID04	751	**Product Description Code**	X 1 AN 1/12
			A code from an industry code list which provides specific data about a product characteristic	
			This element must be sent if PID01 = X. The following code values will be used for PART 1, 2, 3, and 4 to convey CARB compliance.	
			GM = General Merchandise (Part 1)	
			04 = Format/Option Code (Part 2)	

COMP = Regulatory Compliance (Part 3)
FE = California Air Resources Board (CARB) – Formaldehyde Act (Part 4)

PID05	**352**	**Description**	**X**	**1**	**AN 1/80**

A free-form description to clarify the related data elements and their content

This element will be used to convey item description and/or if applicable CARB Compliant Codes.

One of the following codes must be sent if CARB information is required:
0 = Non-Compliant
1 = Phase 1 Compliant
2 = Phase 2 Compliant
3 = No Added Formaldehyde
4 = Ultra Low Emission Formaldehyde Use (ULEF)

Segment:	**PO4** **Item Physical Details**
Position:	1000
Loop:	IT1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify the physical qualities, packaging, weights, and dimensions relating to the item
Syntax Notes:	**1** If either PO402 or PO403 is present, then the other is required. **2** If PO405 is present, then PO406 is required. **3** If either PO406 or PO407 is present, then the other is required. **4** If either PO408 or PO409 is present, then the other is required. **5** If PO410 is present, then PO413 is required. **6** If PO411 is present, then PO413 is required. **7** If PO412 is present, then PO413 is required. **8** If PO413 is present, then at least one of PO410 PO411 or PO412 is required. **9** If PO417 is present, then PO416 is required. **10** If PO418 is present, then PO404 is required.
Semantic Notes:	**1** PO415 is used to indicate the relative layer of this package or range of packages within the layers of packaging. Relative Position 1 (value R1) is the innermost package. **2** PO416 is the package identifier or the beginning package identifier in a range of identifiers. **3** PO417 is the ending package identifier in a range of identifiers. **4** PO418 is the number of packages in this layer.
Comments:	**1** PO403 - The "Unit or Basis for Measure Code" in this segment position is for purposes of defining the unit of measure of the "Size" identified in the PO402. For example: If the carton contains 24 12-Ounce packages, it would be described as follows: Data element 356 = "24"; Data element 357 = "12"; Data element 355 = "OZ". **2** PO413 defines the unit of measure for PO410, PO411, and PO412.
Notes:	*Case pack information is required if billing units is case.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**PO401**	**356**	**Pack** The number of inner containers, or number of eaches if there are no inner containers, per outer container	**O 1 N0 1/6**

Segment:	**REF** **Reference Information**
Position:	1200
Loop:	IT1 Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying information
Syntax Notes:	**1** At least one of REF02 or REF03 is required. **2** If either C04003 or C04004 is present, then the other is required. **3** If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	**1** REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	▪ ***This segment can be sent to identify the ARB assigned number of the approved third party certifier related to the California Air Resources Board (CARB).***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**REF01**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification GK — Third Party Reference Number A unique number assigned to a claim after it has been entered into the third party payer's adjudication system; this number is used by the payer to track claims internally	**M**	**1**	**ID 2/3**
	REF02	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier ***This element will contain the ARB assigned number.***	**X**	**1**	**AN 1/50**

Segment: **SAC** **Service, Promotion, Allowance, or Charge Information**
Position: 1800
Loop: SAC Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Syntax Notes:
1 At least one of SAC02 or SAC03 is required.
2 If either SAC03 or SAC04 is present, then the other is required.
3 If either SAC06 or SAC07 is present, then the other is required.
4 If either SAC09 or SAC10 is present, then the other is required.
5 If SAC11 is present, then SAC10 is required.
6 If SAC14 is present, then SAC13 is required.
7 If SAC16 is present, then SAC15 is required.

Semantic Notes:
1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
2 SAC05 is the total amount for the service, promotion, allowance, or charge.
If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
3 SAC08 is the allowance or charge rate per unit.
4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
7 SAC16 is used to identify the language being used in SAC15.

Comments:
1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction with SAC03 to further define SAC02.
2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

Notes:

- ***If the SAC segment is transmitted, the SAC02 and SAC05 are required by AAFES. AAFES only accepts the SAC codes listed below in this document.***
- ***Freight charge of $150.00 or more require a copy of the paid freight bill mailed to AAFES Account Payable before payment is made for freight charges.***
- ***AAFES will process up to (15) SAC segments per line. Allowances and charges are added or deducted and will be calculated in the total invoice amount.***
- ***If SAC01 = 'C', then SAC05 must be added to the TDS01 total. Charges are already setup in our system as a positive value.***
- ***If SAC01 = 'A', then SAC05 must be subtracted from the TDS01 total. Allowances are already setup in our system as a negative value; do not transmit a negative value.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	SAC01	248	**Allowance or Charge Indicator**	M	1	ID 1/1
			Code which indicates an allowance or charge for the service specified			
			A — Allowance			
			C — Charge			
M	SAC02	1300	**Service, Promotion, Allowance, or Charge Code**	X	1	ID 4/4
			Code identifying the service, promotion, allowance, or charge			
			A260 — Advertising Allowance			
			A400 — Allowance Non-performance			
			A630 — Blocking and Bracing Charge			
			B190 — Closing & Sealing			
			B290 — Combination			
			B320 — Competitive Allowance			
			B570 — Container Deposits			
			B660 — Contract Allowance			
			B720 — Cooperative Advertising/Merchandising Allowance (Performance)			
			B750 — Core Charge			
			B950 — Damaged Merchandise			
			C000 — Defective Allowance			
			C090 — Deposit Charges			
			C260 — Discount - Incentive			
			C300 — Discount - Special			
			C310 — Discount			
			C350 — Distributor Discount/Allowance			
			C540 — Early Buy Allowance			
			C560 — Early Ship Allowance			
			C680 — Environmental Protection Service			
			C940 — Export/Import Charge			
			C970 — Extra Length			
			D170 — Free Goods			
			D240 — Freight			
			D250 — Freshness/Leaker Allowance			
			D270 — Fuel Surcharge			
			D530 — Hazardous Cargo Charge			
			D920 — Insurance Fee			
			E380 — Lift Gate (Truck) or Forklift Service at Pickup/Delivery			
			E550 — Market Development Funds			
			E730 — New Item Allowance			
			E800 — No Return Credit Allowance			
			F170 — Pallet Exchange Charge			
			F180 — Pallet			
			F190 — Palletizing			
			F340 — Pick/Up			
			F670 — Price and Marketing Allowance			

			F730 Priority Service			
			F750 Processing Charge			
			F800 Promotional Allowance			
			F910 Quantity Discount			
			F920 Quantity Surcharge			
			F970 Rebate			
			G170 Redistribution Allowance			
			G290 Regulatory Fee			
			G360 Repack Charge			
			G450 Residential Delivery			
			G470 Restocking Charge			
			G740 Service Charge			
			G830 Shipping and Handling			
			G870 Shrink-Wrap Charge			
			H000 Special Allowance			
			H090 Special Handling			
			H630 Tax - City Sales Tax (Only)			
			H640 Tax - Excise Tax - Destination			
			H650 Tax - Excise Tax - Origin			
			H660 Tax - Federal Excise Tax, FET			
			H670 Tax - Federal Excise Tax, FET, on Tires			
			H680 Tax - Governmental			
			H700 Tax - Local Tax			
			H720 Tax - Regulatory Tax			
			H730 Tax - Local Sales Tax All applicable sales taxes by taxing authorities below the State level			
			H740 Tax - Sales and Use			
			H750 Tax - Sales Tax (State and Local)			
			H760 Tax - State Hazardous Substance			
			H770 Tax - State Tax			
			H780 Tax - Super Fund Excise Tax			
			H790 Tax - Use Tax			
			H806 Tax Credit			
			H850 Tax			
			H920 Temporary Allowance			
			H970 Terms Allowance			
			I170 Trade Discount			
			I310 Truckload Discount			
			I410 Unsaleable Merchandise Allowance			
			I530 Volume Discount			
M	**SAC05**	**610**	**Amount** Monetary amount	**O**	**1**	**N2 1/15**

Segment: **TDS** **Total Monetary Value Summary**
Position: 0100
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To specify the total invoice discounts and amounts
Syntax Notes:
Semantic Notes:
1 TDS01 is the total amount of invoice (including charges, less allowances) before terms discount (if discount is applicable).
2 TDS02 indicates the amount upon which the terms discount amount is calculated.
3 TDS03 is the amount of invoice due if paid by terms discount due date (total invoice or installment amount less cash discount).
4 TDS04 indicates the total amount of terms discount.

Comments:
1 TDS02 is required if the dollar value subject to discount is not equal to the dollar value of TDS01.

Notes:
- ***The TDS01 must reflect the total extended amount of the IT segments including any SAC segments.***
- ***The IT1 lines (price X quantity) should always total TDS01 (total invoice), plus or minus SAC segments.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**TDS01**	**610**	**Amount** Monetary amount ***Total Invoice Amount***	**M**	**1**	**N2 1/15**
	TDS02	**610**	**Amount** Monetary amount ***Amount subject to terms discount.***	**O**	**1**	**N2 1/15**
	TDS03	**610**	**Amount** Monetary amount ***Discounted amount due.***	**O**	**1**	**N2 1/15**
	TDS04	**610**	**Amount** Monetary amount ***Required only if a cash discount applies.***	**O**	**1**	**N2 1/15**

Segment:	**CTT** **Transaction Totals**
Position:	0700
Loop:	
Level:	Summary
Usage:	Mandatory
Max Use:	1
Purpose:	To transmit a hash total for a specific element in the transaction set
Syntax Notes:	**1** If either CTT03 or CTT04 is present, then the other is required.
	2 If either CTT05 or CTT06 is present, then the other is required.
Semantic Notes:	
Comments:	**1** This segment is intended to provide hash totals to validate transaction completeness and correctness.
Notes:	*Required by AAFES.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**CTT01**	**354**	**Number of Line Items** Total number of line items in the transaction set	**M**	**1**	**N0 1/6**

Segment:	**SE** **Transaction Set Trailer**
Position:	0800
Loop:	
Level:	Summary
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
Syntax Notes:	
Semantic Notes:	
Comments:	**1** SE is the last segment of each transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**SE01**	**96**	**Number of Included Segments** Total number of segments included in a transaction set including ST and SE segments	**M**	**1**	**N0 1/10**
M	**SE02**	**329**	**Transaction Set Control Number** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	**M**	**1**	**AN 4/9**

824 Application Advice

Functional Group ID=AG

Introduction:

This X12 Transaction Set contains the format and establishes the data contents of the Application Advice Transaction Set (824) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide the ability to report the results of an application system's data content edits of transaction sets. The results of editing transaction sets can be reported at the functional group and transaction set level, in either coded or free-form format. It is designed to accommodate the business need of reporting the acceptance, rejection or acceptance with change of any transaction set. The Application Advice should not be used in place of a transaction set designed as a specific response to another transaction set (e.g., purchase order acknowledgment sent in response to a purchase order).

Notes:

This transaction will be used by AAFES to report application errors from the business application systems. Application errors will not be communicated via phone, fax, or paper once the 824 is moved to production.

AAFES will not use the 824 to acknowledge receipt of transmissions with no errors.

All errors on a document will be reported.

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
18	0100	ST	Transaction Set Header	M	1		
19	0200	BGN	Beginning Segment	M	1		
			LOOP ID - N1			>1	
20	0300	N1	Party Identification	M	1		
Not Used	0400	N2	Additional Name Information	O	2		
Not Used	0500	N3	Party Location	O	2		
Not Used	0600	N4	Geographic Location	O	1		
Not Used	0700	REF	Reference Information	O	12		
Not Used	0800	PER	Administrative Communications Contact	O	3		

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - OTI			>1	
21	0100	OTI	Original Transaction Identification	M	1		n1
Not Used	0200	REF	Reference Information	O	12		n2
Not Used	0300	DTM	Date/Time Reference	O	2		n3
Not Used	0400	PER	Administrative Communications Contact	O	3		n4
Not Used	0500	AMT	Monetary Amount Information	O	>1		n5
Not Used	0600	QTY	Quantity Information	O	>1		n6

Not Used	0650	NM1	Individual or Organizational Name	O	9	n7
			LOOP ID - TED			>1
22	0700	TED	Technical Error Description	M	1	
Not Used	0750	CTX	Context	O	10	
24	0800	NTE	Note/Special Instruction	O	100	
25	0820	RED	Related Data	O	100	n8
			LOOP ID - LM			>1
Not Used	0850	LM	Code Source Information	O	1	n9
			LOOP ID - LQ			100
Not Used	0860	LQ	Industry Code Identification	M	1	
Not Used	0870	RED	Related Data	O	100	n10
26	0900	SE	Transaction Set Trailer	M	1	

Transaction Set Notes

1. The OTI loop is intended to provide a unique identification of the transaction set that is the subject of this application acknowledgment.
2. The REF segment allows for the provision of secondary reference identification or numbers required to uniquely identify the original transaction set. The primary reference identification or number should be provided in elements OTI02-03.
3. The DTM segment allows for the provision of date, time, or date and time information required to uniquely identify the original transaction set.
4. The PER segment should be utilized if administrative communications contact information is important to the unique identification of the original transaction set.
5. The AMT segment should be utilized if monetary amount information is important to the unique identification of the original transaction set.
6. The QTY segment should be utilized if quantity information is important to the unique identification of the original transaction set.
7. The NM1 segment allows for the provision of entity identification information required to uniquely identify the original transaction set.
8. The RED segment may be used to provide data related to the error condition specified in the associated TED01 element.
9. The LM loop is used to identify industry-based or proprietary application error conditions.
10. The RED segment may be used to provide data related to the error condition specified in the associated LQ02 element.

Segment: **ST** **Transaction Set Header**
Position: 0100
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes:

1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

2 The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**ST01**	**143**	**Transaction Set Identifier Code**	**M**	**1**	**ID 3/3**
			Code uniquely identifying a Transaction Set			
			824 Application Advice			
M	**ST02**	**329**	**Transaction Set Control Number**	**M**	**1**	**AN 4/9**
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set			

Segment: **BGN** **Beginning Segment**
Position: 0200
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a transaction set
Syntax Notes:
1 If BGN05 is present, then BGN04 is required.
Semantic Notes:
1 BGN02 is the transaction set reference number.
2 BGN03 is the transaction set date.
3 BGN04 is the transaction set time.
4 BGN05 is the transaction set time qualifier.
5 BGN06 is the transaction set reference number of a previously sent transaction affected by the current transaction.
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	BGN01	353	**Transaction Set Purpose Code** Code identifying purpose of transaction set 00 Original	M	1	ID 2/2
M	BGN02	127	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier *The sender's internal number used to identify this transaction set within the sender's application system*	M	1	AN 1/50
M	BGN03	373	**Date** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year *Date of the 824.*	M	1	DT 8/8

Segment: **N1** **Party Identification**
Position: 0300
Loop: N1 Mandatory
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes:
1 At least one of N102 or N103 is required.
2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
Comments:
1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2 N105 and N106 further define the type of entity in N101.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes		
M	N101	98	**Entity Identifier Code** Code identifying an organizational entity, a physical location, property or an individual		M	1	ID 2/3
			FR	Message From			
			ST	Ship To			
	N102	93	**Name** Free-form name		X	1	AN 1/60
M	N103	66	**Identification Code Qualifier** Code designating the system/method of code structure used for Identification Code (67)		X	1	ID 1/2
			1	D-U-N-S Number, Dun & Bradstreet			
			9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix			
			92	Assigned by Buyer or Buyer's Agent			
			UL	Global Location Number (GLN) A globally unique 13 digit code for the identification of a legal, functional or physical location within the Uniform Code Council (UCC) and International Article Number Association (EAN) numbering system			
M	N104	67	**Identification Code** Code identifying a party or other code		X	1	AN 2/80

Segment: **OTI** **Original Transaction Identification**
Position: 0100
Loop: OTI Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To identify the edited transaction set and the level at which the results of the edit are reported, and to indicate the accepted, rejected, or accepted-with-change edit result

Syntax Notes:
1 If OTI09 is present, then OTI08 is required.

Semantic Notes:
1 OTI03 is the primary reference identification or number used to uniquely identify the original transaction set.
2 OTI06 is the group date.
3 OTI07 is the group time.
4 If OTI11 is present, it will contain the version/release under which the original electronic transaction was translated by the receiver.
5 OTI12 is the purpose of the original transaction set, and is used to assist in its unique identification.
6 OTI13 is the type of the original transaction set, and is used to assist in its unique identification.
7 OTI14 is the application type of the original transaction set, and is used to assist in its unique identification.
8 OTI15 is the type of action indicated or requested by the original transaction set, and is used to assist in its unique identification.
9 OTI16 is the action requested by the original transaction set, and is used to assist in its unique identification.
10 OTI17 is the status reason of the original transaction set, and is used to assist in its unique identification.

Comments:
1 OTI02 contains the qualifier identifying the business transaction from the original business application, and OTI03 will contain the original business application identification.
2 If used, OTI04 through OTI08 will contain values from the original electronic functional group generated by the sender.
3 If used, OTI09 through OTI10 will contain values from the original electronic transaction set generated by the sender.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**OTI01**	**110**	**Application Acknowledgment Code**	**M 1 ID 1/2**
			Code indicating the application system edit results of the business data	
			IR — Item Reject	
			TA — Transaction Set Accept	
			TE — Transaction Set Accept with Error	
			TR — Transaction Set Reject	
M	**OTI02**	**128**	**Reference Identification Qualifier**	**M 1 ID 2/3**
			Code qualifying the Reference Identification	
			Identifies error transaction set's key field. For example, Transaction Set 810's key is invoice number.	
			08 — Carrier Assigned Package Identification Number A reference number assigned by a carrier to uniquely identify a single package	
			1X — Credit or Debit Adjustment Number	

			2F Consolidated Invoice Number			
			BM Bill of Lading Number			
			CN Carrier's Reference Number (PRO/Invoice)			
			IV Seller's Invoice Number			
			PD Promotion/Deal Number			
			PO Purchase Order Number			
			SI Shipper's Identifying Number for Shipment (SID) A unique number (to the shipper) assigned by the shipper to identify the shipment			
			TN Transaction Reference Number			
			VP Vendor Product Number A unique number assigned by a vendor or manufacturer to identify its products			
M	**OTI03**	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	**M**	**1**	**AN 1/50**
M	**OTI08**	**28**	**Group Control Number** Assigned number originated and maintained by the sender *Contains GS06 data contents from the original functional group generated by the sender.*	**X**	**1**	**N0 1/9**
M	**OTI09**	**329**	**Transaction Set Control Number** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set *Contains ST02 data contents from the original transaction set header generated by the sender.*	**O**	**1**	**AN 4/9**
M	**OTI10**	**143**	**Transaction Set Identifier Code** Code uniquely identifying a Transaction Set *Contains ST01 data contents from the original transaction set header generated by the sender. If the original document was not an EDI transaction, use the appropriate code that would have been in ST01, e.g, paper invoice would be 810.* Refer to 005010 Data Element Dictionary for acceptable code values.	**O**	**1**	**ID 3/3**

Segment: **TED** **Technical Error Description**
Position: 0700
Loop: TED Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To identify the error and, if feasible, the erroneous segment, or data element, or both
Syntax Notes:
Semantic Notes:
Comments: **1** If used, TED02 will contain a generic description of the data in error (e.g., part number, date, reference number, etc.).
Notes: *Separate iterations of the TED loop should be generated for each error condition detected.*

This segment is required except when OTI01 contains code GA or TA.

The codes listed for TED02 may not be used in conjunction with any code other than 024 in TED01.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**TED01**	**647**	**Application Error Condition Code**	**M 1 ID 1/3**
			Code indicating application error condition	

003	Duplicate Billing
005	Route Error
006	Duplicate
007	Missing Data
008	Out of Range
009	Invalid Date
	Missing or invalid date.
010	Total Out of Balance
	Line item totals do not match transaction totals.
011	Not Matching
012	Invalid Combination
024	Other Unlisted Reason
	The reason for the application error condition cannot be described using any other code on the standard code list *This code is used only when the application error condition cannot be described using any other code in TED01.*
026	Customer Identification Number is Invalid
027	Customer Identification Number Does not Exist
802	Invalid Debit or Credit Flag Code
803	Missing or Invalid Payment Method Code
807	Missing or Invalid Originating Account Number
808	Missing or Invalid Receiving Account Number
809	Missing Effective Entry Date
812	Missing Transaction Reference or Trace Number
813	Missing or Invalid Payee Name and Address

814	Received After Cutoff Date or Time
815	Duplicate Batch
817	Duplicate Trace Number
834	Missing or Invalid Effective Payment Date
847	Closed/Non-Existent Account Number
848	Incorrect Data
DBL	Duplicate Bill of Lading Number
	Carrier has reused a shippers authorization number assigned to another shipment
DDT	Departure Date Invalid
	The move/service date precedes the authorized date
DRC	Duplicate Railcar Departure
	The railcar reported has a conflicting previous departure on the same date
DTE	Incorrect Date
	The reported date is incorrect (e.g. premature date for transaction or non-existent date such as February 30)
DUP	Duplicate Transaction
	The identical transaction has been transmitted more than once within the same input file
H	Missing or Invalid Unit of Measure Code
ICG	Invalid Charge Allowance Qualifier
	The Charge Allowance Qualifier (DE538) reported is invalid
INC	Incomplete Transaction
	Optional Element(s) required by the application are missing
IQT	Invalid Quantity
IWT	Invalid Weight
MA	Missing or Invalid Store Number
MB	Missing or Invalid Purchase Order Number
MBL	Multiple Bills of Lading
	Multiple Bills of Lading have been transmitted for a 3 for 2 shipment (only one bill of lading is required)
MC	Missing or Invalid Bill of Lading Number
MDN	Missing Department Number
ME	Missing or Invalid Department Number
MF	Missing or Invalid Internal Vendor Number
MG	Missing or Invalid U.P.C. Code
MH	Missing or Invalid DUNS Number
MI	Missing or Invalid SCAC
MID	Missing Identification Code
MJ	Missing or Invalid Terms
MM	Missing or Invalid Bill to Location
MN	Missing or Invalid Unit Cost
MQT	Missing Quantity
MWT	Missing Weight
N	Missing or Invalid Payer Identification

NAU	Not Authorized
	The move/service reported by the carrier has not been authorized by the shipper
P	Missing or Invalid Item Quantity
POI	Purchase Order Number Invalid
PPD	Previously Paid
	The freight bill/invoice/waybill has previously been paid
Q	Missing or Invalid Item Identification
QTY	Quantity
	The number of items on the freight bill/invoice/waybill does not equal the number of unique segments which specifically identify those items
RTE	Invalid Shipper's Route Code
	The shippers route code reported by the carrier is invalid
S	Missing or Unauthorized Transportation Mode/Method Code
SCA	Invalid SCAC
	The Standard Carrier Alpha Code (DE140) reported is invalid
SPL	Invalid SPLC Code
	The Standard Point Location Code (DE154) is invalid
T	Unauthorized Transaction Set Purpose Code
TYP	Invalid Damage Type Code
	The Damage Type Code (DE540) reported is invalid
U	Missing or Unauthorized Transaction Type Code
UNP	Invalid Unit Price
V	Missing or Unauthorized Action Code
	This code is used in conjunction with the invalid or unauthorized code sent in BCT10 in Transaction Set 832.
VIN	Invalid Vehicle Identification Number
	The reported Vehicle Identification Number (DE53) fails the check digit calculation

M **TED02** **3** **Free-form Message** **O** **1** **AN 1/60**

Free-form text

When TED01 contains code 024, TED02 must contain either application error code or free-form text description of the application error. When more than 60 characters are required to describe the error condition, the first 60 characters appear in this data element, and the remaining error description characters appear in NTE02. For example, TED01 contains code 010, TED02 contains "SUM of SKU cost
extensions does not equal total invoice", and NTE02 contains "quantity."

Code Values:

101 Effective Date Too Early
102 Improper Placement of Labels
103 Invoice Number
104 Item Already Exists (Product/Service ID)
105 Item Marked for Delete (Product/Service ID)
106 Item Not Authorized For Buyer Assigned Vendor Number

107 Missing or Invalid Location
108 Location Received Not On Order
109 Negative Value
110 Missing Pack Level (Marking Identification is Missing)
111 Duplicate Purchase Order Number
112 Missing Product Description 1
113 Missing Product Description 2
114 Qualifier or Code Not Mapped To Application
115 Missing Qualifier or Code (For Application)
116 Retail Price Is Greater Than Suggested Retail Price
117 Sender Not Authorized to Submit Ship Notice For Buyer Assigned Ven #
118 Sender Not Authorized to Submit Ship Notice for Item(s)
119 Duplicate Shipment Identification Number
120 Ship To Location Not Consistent With Purchase Order Ship To
121 Duplicate SSCC
122 Invalid SSCC Range
123 Invalid SSCC Structure
124 Missing Tare Level (Marking Identification Is Missing)
125 Unscannable Labels
126 Incorrect Label Format
127 Improper Placement of Labels
128 Missing Labels on Shipping Container
129 Cost Change Not Accepted
130 UCC-12 Change not Allowed
131 Zero Value
132 Item Marked for Delete
133 Item Not Found on Purchase Order
134 Missing or Invalid Invoice Number
135 Duplicate Purchase Order Number
136 Receiving Location not on Order
137 Allowance Errors
138 Purchase Order Closed or Cancelled
139 Missing or Invalid Vendor Pack Quantity
140 Missing or Invalid Ship To Location

Segment: **NTE** **Note/Special Instruction**
Position: 0800
Loop: TED Mandatory
Level: Detail
Usage: Optional
Max Use: 100
Purpose: To transmit information in a free-form format, if necessary, for comment or special instruction
Syntax Notes:
Semantic Notes:
Comments: **1** The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processible. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.
Notes: *This segment is only generated when an error description contains more than 60 characters of data. For example, if 95 characters are required to describe the error condition, the first 60 characters appear in TED02, and the remaining 35 characters are sent in NTE02.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**NTE01**	**363**	**Note Reference Code** Code identifying the functional area or purpose for which the note applies GEN Entire Transaction Set	**O**	**1**	**ID 3/3**
M	**NTE02**	**352**	**Description** A free-form description to clarify the related data elements and their content	**M**	**1**	**AN 1/80**

Segment: **RED** **Related Data**
Position: 0820
Loop: TED Mandatory
Level: Detail
Usage: Optional
Max Use: 100
Purpose: To provide business data related to an item within a transaction to which a business application editing process has been applied, and an error condition has resulted

Syntax Notes:
1 At least one of RED02 or RED06 is required.
2 Only one of RED02 or RED06 may be present.
3 If any of RED03 RED05 or RED06 is present, then all are required.
4 If RED04 is present, then RED03 is required.

Semantic Notes:
1 RED01 provides the related business data, whose nature is defined by the code in RED02 or RED06.
2 RED02 is an X12-defined code identifying the specific type of related data in RED01.
3 RED03 identifies the agency maintaining the code list identified in RED05.
4 RED04 provides further qualification of the agency identified in RED03.
5 RED05 identifies the code list containing the code indicated in RED06.
6 RED06 is an industry-defined code identifying the specific type of related data in RED01.

Comments:
1 As an example of the use of the RED01 element, an application edit is applied to the Unit Price element within an Invoice (810) transaction set. The result of that edit indicates an invalid unit price. One piece of related business data would be the associated Product or Service Identification (data element #234). In this example, RED01 would be used to convey the associated Product or Service Identification.

Notes: *This segment is used to provide the receiver of the transaction additional information about the error condition specified in the associated TED segment. This segment is not used to specify the data in error, but provides a "pointer" or "clue" to the error condition.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**RED01**	**352**	**Description**	**M**	**1**	**AN 1/80**
			A free-form description to clarify the related data elements and their content			
	RED02	**1609**	**Related Data Identification Code**	**X**	**1**	**ID 2/3**
			Code identifying the nature of data related to an application edit error condition			

Code	Description
DT	Date of Transaction
IN	Invoice Number
LI	Location Identification
MA	Monetary Amount
MV	Measurement Value
PO	Purchase Order Number
PR	Pricing Specification
PS	Product or Service Identification
QY	Quantity
UP	Unit Price

Segment: **SE Transaction Set Trailer**
Position: 0900
Loop:
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
Syntax Notes:
Semantic Notes:
Comments: **1** SE is the last segment of each transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**SE01**	**96**	**Number of Included Segments** Total number of segments included in a transaction set including ST and SE segments	**M**	**1**	**N0 1/10**
M	**SE02**	**329**	**Transaction Set Control Number** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	**M**	**1**	**AN 4/9**