Army and Air Force Exchange Service

850 Purchase Order

Functional Group ID=PO

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Transaction Set (850) 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 placement of purchase orders for goods and services. This transaction set should not be used to convey purchase order changes or purchase order acknowledgment information.

Notes:

REV2 does not contain a free-from description of the items (PID Segment). This document defines the business requirements for the AAFES Purchase Order (REV 2). All segments marked "RECOMMENDED", and elements marked "R" are required by AAFES and will always be transmitted in the AAFES purchase order unless noted in the segment definition. All elements marked "M" are mandatory by the standards. All unmarked segments and elements will be transmitted as necessary in their respective segments.

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
7	0100	ST	Transaction Set Header	M	1		
8	0200	BEG	Beginning Segment for Purchase Order	M	1		
9	0400	CUR	Currency	O	1		
Not Used	0500	REF	Reference Identification	O	>1		
10	0600	PER	Administrative Communications Contact	O	3		
Not Used	0700	TAX	Tax Reference	O	>1		
11	0800	FOB	F.O.B. Related Instructions	O	>1		
Not Used	0900	CTP	Pricing Information	O	>1		
Not Used	0950	PAM	Period Amount	O	10		
12	1100	CSH	Sales Requirements	O	5		
Not Used	1150	TC2	Commodity	O	>1		
			LOOP ID - SAC			25	
13	1200	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
Not Used	1250	CUR	Currency	O	1		
15	1300	ITD	Terms of Sale/Deferred Terms of Sale	O	>1		
Not Used	1400	DIS	Discount Detail	O	20		
Not Used	1450	INC	Installment Information	O	1		
16	1500	DTM	Date/Time Reference	O	10		
Not Used	1800	LIN	Item Identification	O	5		n1
Not Used	1850	SI	Service Characteristic Identification	O	>1		
Not Used	1900	PID	Product/Item Description	O	200		
Not Used	2000	MEA	Measurements	O	40		
Not Used	2100	PWK	Paperwork	O	25		
17	2200	PKG	Marking, Packaging, Loading	O	200		
18	2300	TD1	Carrier Details (Quantity and Weight)	O	2		

19	2400	TD5	Carrier Details (Routing Sequence/Transit Time)	O	>1	
Not Used	2500	TD3	Carrier Details (Equipment)	O	12	
Not Used	2600	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
Not Used	2700	MAN	Marks and Numbers	O	10	
Not Used	2760	PCT	Percent Amounts	O	>1	
Not Used	2800	CTB	Restrictions/Conditions	O	5	
Not Used	2850	TXI	Tax Information	O	>1	
			LOOP ID - LDT			>1
Not Used	2855	LDT	Lead Time	O	1	
Not Used	2858	QTY	Quantity	O	>1	
Not Used	2860	MTX	Text	O	>1	
Not Used	2865	REF	Reference Identification	O	>1	
			LOOP ID - AMT			>1
Not Used	2870	AMT	Monetary Amount	O	1	
Not Used	2890	REF	Reference Identification	O	>1	
Not Used	2900	DTM	Date/Time Reference	O	1	
Not Used	2920	PCT	Percent Amounts	O	>1	
			LOOP ID - FA1			>1
Not Used	2930	FA1	Type of Financial Accounting Data	O	1	
Not Used	2940	FA2	Accounting Data	M	>1	
			LOOP ID - N9			1000
21	2950	N9	Reference Identification	O	1	
Not Used	2970	DTM	Date/Time Reference	O	>1	
22	3000	MTX	Text	O	>1	
Not Used	3050	PWK	Paperwork	O	>1	
Not Used	3080	EFI	Electronic Format Identification	O	>1	
			LOOP ID - N1			200
23	3100	N1	Name	O	1	
24	3200	N2	Additional Name Information	O	2	
Not Used	3250	IN2	Individual Name Structure Components	O	>1	
25	3300	N3	Address Information	O	2	
26	3400	N4	Geographic Location	O	>1	
Not Used	3450	NX2	Location ID Component	O	>1	
Not Used	3500	REF	Reference Identification	O	12	
Not Used	3600	PER	Administrative Communications Contact	O	>1	
Not Used	3650	SI	Service Characteristic Identification	O	>1	
Not Used	3700	FOB	F.O.B. Related Instructions	O	1	
Not Used	3800	TD1	Carrier Details (Quantity and Weight)	O	2	
Not Used	3900	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
Not Used	4000	TD3	Carrier Details (Equipment)	O	12	
Not Used	4100	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
Not Used	4200	PKG	Marking, Packaging, Loading	O	200	
			LOOP ID - LM			>1
Not Used	4300	LM	Code Source Information	O	1	
Not Used	4400	LQ	Industry Code	M	>1	
			LOOP ID - SPI			>1
Not Used	4500	SPI	Specification Identifier	O	1	

Not Used	4600	REF	Reference Identification	O	5	
Not Used	4700	DTM	Date/Time Reference	O	5	
Not Used	4800	MTX	Text	O	>1	
			LOOP ID - N1			20
Not Used	4900	N1	Name	O	1	
Not Used	5000	N2	Additional Name Information	O	2	
Not Used	5100	N3	Address Information	O	2	
Not Used	5200	N4	Geographic Location	O	1	
Not Used	5300	REF	Reference Identification	O	20	
Not Used	5400	G61	Contact	O	1	
Not Used	5500	MTX	Text	O	>1	
			LOOP ID - CB1			>1
Not Used	5600	CB1	Contract and Cost Accounting Standards Data	O	1	
Not Used	5700	REF	Reference Identification	O	20	
Not Used	5800	DTM	Date/Time Reference	O	5	
Not Used	5900	LDT	Lead Time	O	1	
Not Used	6000	MTX	Text	O	>1	
			LOOP ID - ADV			>1
Not Used	6100	ADV	Advertising Demographic Information	O	1	
Not Used	6200	DTM	Date/Time Reference	O	>1	
Not Used	6300	MTX	Text	O	>1	

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - PO1			100000	
27	0100	PO1	Baseline Item Data	M	1		n2
Not Used	0150	LIN	Item Identification	O	>1		
Not Used	0180	SI	Service Characteristic Identification	O	>1		
Not Used	0200	CUR	Currency	O	1		
Not Used	0250	CN1	Contract Information	O	1		
Not Used	0300	PO3	Additional Item Detail	O	25		
			LOOP ID - CTP			>1	
29	0400	CTP	Pricing Information	O	1		
Not Used	0430	CUR	Currency	O	1		
Not Used	0450	PAM	Period Amount	O	10		
Not Used	0490	MEA	Measurements	O	40		
			LOOP ID - PID			1000	
Not Used	0500	PID	Product/Item Description	O	1		
Not Used	0600	MEA	Measurements	O	10		
Not Used	0700	PWK	Paperwork	O	25		
30	0900	PO4	Item Physical Details	O	>1		
Not Used	1000	REF	Reference Identification	O	>1		
Not Used	1100	PER	Administrative Communications Contact	O	3		
			LOOP ID - SAC			25	
Not Used	1300	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
Not Used	1350	CUR	Currency	O	1		
Not Used	1370	CTP	Pricing Information	O	1		

Not Used	1400	IT8	Conditions of Sale	O	1		
Not Used	1420	CSH	Sales Requirements	O	>1		
Not Used	1500	ITD	Terms of Sale/Deferred Terms of Sale	O	2		
Not Used	1600	DIS	Discount Detail	O	20		
Not Used	1650	INC	Installment Information	O	1		
Not Used	1700	TAX	Tax Reference	O	>1		
Not Used	1800	FOB	F.O.B. Related Instructions	O	>1		
31	1900	SDQ	Destination Quantity	O	500		
Not Used	2000	IT3	Additional Item Data	O	5		
Not Used	2100	DTM	Date/Time Reference	O	10		
Not Used	2350	TC2	Commodity	O	>1		
Not Used	2400	TD1	Carrier Details (Quantity and Weight)	O	1		
Not Used	2500	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	2600	TD3	Carrier Details (Equipment)	O	12		
Not Used	2700	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
Not Used	2760	PCT	Percent Amounts	O	>1		
Not Used	2800	MAN	Marks and Numbers	O	10		
Not Used	2890	MTX	Text	O	>1		
Not Used	2900	SPI	Specification Identifier	O	>1		
Not Used	2910	TXI	Tax Information	O	>1		
Not Used	2920	CTB	Restrictions/Conditions	O	>1		
			LOOP ID - QTY			>1	
Not Used	2930	QTY	Quantity	O	1		
Not Used	2940	SI	Service Characteristic Identification	O	>1		
			LOOP ID - SCH			200	
Not Used	2950	SCH	Line Item Schedule	O	1		n3
Not Used	2960	TD1	Carrier Details (Quantity and Weight)	O	2		
Not Used	2970	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	2980	TD3	Carrier Details (Equipment)	O	12		
Not Used	2990	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
Not Used	3000	REF	Reference Identification	O	>1		
			LOOP ID - PKG			200	
Not Used	3050	PKG	Marking, Packaging, Loading	O	1		
Not Used	3100	MEA	Measurements	O	>1		
Not Used	3200	LS	Loop Header	O	1		
			LOOP ID - LDT			>1	
Not Used	3210	LDT	Lead Time	O	1		
Not Used	3220	QTY	Quantity	O	>1		
Not Used	3230	MTX	Text	O	>1		
Not Used	3240	REF	Reference Identification	O	3		
			LOOP ID - LM			>1	
Not Used	3250	LM	Code Source Information	O	1		
Not Used	3260	LQ	Industry Code	M	>1		
Not Used	3270	LE	Loop Trailer	O	1		
			LOOP ID - N9			1000	
Not Used	3300	N9	Reference Identification	O	1		
Not Used	3320	DTM	Date/Time Reference	O	>1		

Not Used	3350	MEA	Measurements	O	40	
Not Used	3400	MTX	Text	O	>1	
Not Used	3450	PWK	Paperwork	O	>1	
Not Used	3480	EFI	Electronic Format Identification	O	>1	
			LOOP ID - N1			200
Not Used	3500	N1	Name	O	1	
Not Used	3600	N2	Additional Name Information	O	2	
Not Used	3650	IN2	Individual Name Structure Components	O	>1	
Not Used	3700	N3	Address Information	O	2	
Not Used	3800	N4	Geographic Location	O	1	
Not Used	3830	QTY	Quantity	O	>1	
Not Used	3850	NX2	Location ID Component	O	>1	
Not Used	3900	REF	Reference Identification	O	12	
Not Used	4000	PER	Administrative Communications Contact	O	3	
Not Used	4050	SI	Service Characteristic Identification	O	>1	
Not Used	4060	DTM	Date/Time Reference	O	1	
Not Used	4100	FOB	F.O.B. Related Instructions	O	1	
Not Used	4150	SCH	Line Item Schedule	O	200	
Not Used	4200	TD1	Carrier Details (Quantity and Weight)	O	2	
Not Used	4300	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
Not Used	4400	TD3	Carrier Details (Equipment)	O	12	
Not Used	4500	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
Not Used	4600	PKG	Marking, Packaging, Loading	O	200	
			LOOP ID - LDT			>1
Not Used	4620	LDT	Lead Time	O	1	
Not Used	4640	MAN	Marks and Numbers	O	10	
Not Used	4660	QTY	Quantity	O	5	
Not Used	4680	MTX	Text	O	>1	
Not Used	4690	REF	Reference Identification	O	3	
			LOOP ID - SLN			1000
Not Used	4700	SLN	Subline Item Detail	O	1	
Not Used	4750	MTX	Text	O	>1	
Not Used	4800	SI	Service Characteristic Identification	O	>1	
Not Used	4900	PID	Product/Item Description	O	1000	
Not Used	5000	PO3	Additional Item Detail	O	104	
Not Used	5050	TC2	Commodity	O	>1	
Not Used	5130	ADV	Advertising Demographic Information	O	>1	
Not Used	5150	DTM	Date/Time Reference	O	10	
Not Used	5160	CTP	Pricing Information	O	25	
Not Used	5170	PAM	Period Amount	O	10	
Not Used	5180	PO4	Item Physical Details	O	1	
Not Used	5190	TAX	Tax Reference	O	3	
			LOOP ID - N9			>1
Not Used	5230	N9	Reference Identification	O	1	
Not Used	5240	DTM	Date/Time Reference	O	>1	
Not Used	5250	MTX	Text	O	>1	
			LOOP ID - SAC			25
Not Used	5260	SAC	Service, Promotion, Allowance, or Charge Information	O	1	

Not Used	5270	CUR	Currency	O	1	
Not Used	5280	CTP	Pricing Information	O	1	
			LOOP ID - QTY			>1
Not Used	5290	QTY	Quantity	O	1	
Not Used	5300	SI	Service Characteristic Identification	O	>1	
			LOOP ID - N1			10
Not Used	5350	N1	Name	O	1	
Not Used	5400	N2	Additional Name Information	O	2	
Not Used	5450	IN2	Individual Name Structure Components	O	>1	
Not Used	5500	N3	Address Information	O	2	
Not Used	5600	N4	Geographic Location	O	1	
Not Used	5700	NX2	Location ID Component	O	>1	
Not Used	5800	REF	Reference Identification	O	12	
Not Used	5900	PER	Administrative Communications Contact	O	3	
Not Used	5950	SI	Service Characteristic Identification	O	>1	
			LOOP ID - AMT			>1
Not Used	6000	AMT	Monetary Amount	O	1	
Not Used	6100	REF	Reference Identification	O	1	
Not Used	6120	PCT	Percent Amounts	O	>1	
			LOOP ID - LM			>1
Not Used	6200	LM	Code Source Information	O	1	
Not Used	6300	LQ	Industry Code	M	>1	

Summary:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - CTT			1	
33	0100	CTT	Transaction Totals	O	1		n4
Not Used	0200	AMT	Monetary Amount	O	1		n5
34	0300	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. If segment LIN is used, do not use LIN01.

2. PO102 is required.

3. The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When this segment is used the unit of measurement code (SCH02) should always be identical to the unit of measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.

4. The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

5. If AMT is used in the summary area, then AMT01 will = TT and AMT02 will indicate total transaction amount as calculated by the sender.

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.
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**ST01**	**143**	**Transaction Set Identifier Code** Code uniquely identifying a Transaction Set 850 Purchase Order	**M**	**1**	**ID 3/3**
M	**ST02**	**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**

Segment: **BEG** **Beginning Segment for Purchase Order**
Position: 0200
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates
Syntax Notes:
Semantic Notes: **1** BEG05 is the date assigned by the purchaser to purchase order.
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**BEG01**	**353**	**Transaction Set Purpose Code** Code identifying purpose of transaction set 00 Original ***This value will be transmitted on all production purchase orders.*** 06 Confirmation ***This value will be transmitted on all parallel test purchase orders.*** 22 Information Copy	**M 1 ID 2/2**
M	**BEG02**	**92**	**Purchase Order Type Code** Code specifying the type of Purchase Order OS Special Order RE Reorder RL Release or Delivery Order An order for goods and services placed against a pre-existing contract or blanket order SA Stand-alone Order SS Supply or Service Order	**M 1 ID 2/2**
M	**BEG03**	**324**	**Purchase Order Number** Identifying number for Purchase Order assigned by the orderer/purchaser	**M 1 AN 1/22**
M	**BEG05**	**373**	**Date** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	**M 1 DT 8/8**
	BEG06	**367**	**Contract Number** Contract number	**O 1 AN 1/30**

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 used only when other than U.S. dollars.***

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 ***Selling party currency.***	**M 1 ID 3/3**

Segment: **PER** **Administrative Communications Contact**
Position: 0600
Loop:
Level: Heading
Usage: Optional (Recommended)
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed
Syntax Notes: **1** If either PER03 or PER04 is present, then the other is required.
2 If either PER05 or PER06 is present, then the other is required.
3 If either PER07 or PER08 is present, then the other is required.
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**PER01**	**366**	**Contact Function Code** Code identifying the major duty or responsibility of the person or group named BD Buyer Name or Department	**M**	**1**	**ID 2/2**
R	**PER02**	**93**	**Name** Free-form name	**O**	**1**	**AN 1/60**
R	**PER03**	**365**	**Communication Number Qualifier** Code identifying the type of communication number TE Telephone	**X**	**1**	**ID 2/2**
R	**PER04**	**364**	**Communication Number** Complete communications number including country or area code when applicable	**X**	**1**	**AN 1/256**

Segment: **FOB** **F.O.B. Related Instructions**
Position: 0800
Loop:
Level: Heading
Usage: Optional (Recommended)
Max Use: >1
Purpose: To specify transportation instructions relating to shipment
Syntax Notes:
1 If FOB03 is present, then FOB02 is required.
2 If FOB04 is present, then FOB05 is required.
3 If FOB07 is present, then FOB06 is required.
4 If FOB08 is present, then FOB09 is required.
Semantic Notes:
1 FOB01 indicates which party will pay the carrier.
2 FOB02 is the code specifying transportation responsibility location.
3 FOB06 is the code specifying the title passage location.
4 FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes		
M	**FOB01**	**146**	**Shipment Method of Payment** Code identifying payment terms for transportation charges		**M**	**1**	**ID 2/2**
			CC	Collect			
			PA	Advance Prepaid			
			PB	Customer Pick-up/Backhaul			
			PC	Prepaid but Charged to Customer			
			PP	Prepaid (by Seller)			
			TP	Third Party Pay			
R	**FOB02**	**309**	**Location Qualifier** Code identifying type of location		**X**	**1**	**ID 1/2**
			CI	City			
			DE	Destination (Shipping)			
			FA	Factory			
			MI	Mill			
			OR	Origin (Shipping Point)			
			PL	Plant			
			RG	Region Code Qualifies a code that identifies a geographic area where transportation rates apply			
			TL	Terminal Cargo Location			
R	**FOB03**	**352**	**Description** A free-form description to clarify the related data elements and their content ***This element will contain the shipping point.***		**O**	**1**	**AN 1/80**

Segment: **CSH** **Sales Requirements**
Position: 1100
Loop:
Level: Heading
Usage: Optional (Recommended)
Max Use: 5
Purpose: To specify general conditions or requirements of the sale
Syntax Notes:
1 If CSH02 is present, then CSH03 is required.
2 If either CSH06 or CSH07 is present, then the other is required.
3 If either CSH09 or CSH10 is present, then the other is required.
Semantic Notes:
1 CSH03 is the maximum monetary amount value which the order must not exceed.
2 CSH04 is the account number to which the purchase amount is charged.
3 CSH05 is the date specified by the sender to be shown on the invoice.
4 CSH06 identifies the source of the code value in CSH07.
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
R	**CSH01**	**563**	**Sales Requirement Code** Code to identify a specific requirement or agreement of sale N No Back Order Y Back Order if Out of Stock	**O 1 ID 1/2**

Segment: **SAC** **Service, Promotion, Allowance, or Charge Information**
Position: 1200
Loop: SAC Optional
Level: Heading
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 SAC13 is present, then at least one of SAC02 or SAC04 is required.
7 If SAC14 is present, then SAC13 is required.
8 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: ***AAFES max use is ten.***

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			
			N	No Allowance or Charge			
	SAC02	**1300**	**Service, Promotion, Allowance, or Charge Code**		**X**	**1**	**ID 4/4**
			Code identifying the service, promotion, allowance, or charge				
			A260	Advertising Allowance			
			A630	Blocking and Bracing Charge			
			B190	Closing & Sealing			
			B320	Competitive Allowance			
			B560	Container Allowance			
			B570	Container Deposits			
			C000	Defective Allowance			

		C310	Discount			
		C350	Distributor Discount/Allowance			
		C540	Early Buy Allowance			
		C560	Early Ship Allowance			
		C680	Environmental Protection Service			
		D240	Freight			
		D530	Hazardous Cargo Charge			
		E550	Market Development Funds			
		E800	No Return Credit Allowance			
		F170	Pallet Exchange Charge			
		F190	Palletizing			
		F340	Pick/Up			
		F800	Promotional Allowance			
		F910	Quantity Discount			
		G170	Redistribution Allowance			
		G360	Repack Charge			
		G470	Restocking Charge			
		G870	Shrink-Wrap Charge			
		H000	Special Allowance			
		H660	Tax - Federal Excise Tax, FET			
		H770	Tax - State Tax			
		H920	Temporary Allowance			
		I170	Trade Discount			
		I310	Truckload Discount			
		I410	Unsaleable Merchandise Allowance			
		I530	Volume Discount			
SAC05	**610**	**Amount**		**O**	**1**	**N2 1/15**
		Monetary amount				
SAC12	**331**	**Allowance or Charge Method of Handling Code**		**O**	**1**	**ID 2/2**
		Code indicating method of handling for an allowance or charge				
		01	Bill Back			
		02	Off Invoice			
		03	Vendor Check to Customer			
		04	Credit Customer Account			
		05	Charge to be Paid by Vendor			
		06	Charge to be Paid by Customer			

Segment: **ITD** **Terms of Sale/Deferred Terms of Sale**
Position: 1300
Loop:
Level: Heading
Usage: Optional (Recommended)
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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
R	**ITD01**	**336**	**Terms Type Code** Code identifying type of payment terms 01 Basic 02 End of Month (EOM) 03 Fixed Date 04 Deferred or Installment 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** Number of days in the terms discount period by which payment is due if terms discount is earned	**X 1 N0 1/3**
	ITD06	**446**	**Terms Net Due Date** Date when total invoice amount becomes due expressed in format CCYYMMDD where CC represents the first two digits of the calendar year	**O 1 DT 8/8**
	ITD07	**386**	**Terms Net Days** Number of days until total invoice amount is due (discount not applicable)	**O 1 N0 1/3**
	ITD12	**352**	**Description** A free-form description to clarify the related data elements and their content	**O 1 AN 1/80**

Segment: **DTM** **Date/Time Reference**
Position: 1500
Loop:
Level: Heading
Usage: Optional (Recommended)
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: ***AAFES max use is six.***

Code 002 and 010 will always be transmitted in the DTM01, code 023 will also be transmitted if a promotion order.

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 001 Cancel After 002 Delivery Requested 010 Requested Ship 015 Promotion Start 023 Promotion Order - Start 038 Ship No Later 077 Requested for Delivery (Week of)	**M 1 ID 3/3**
R	**DTM02**	**373**	**Date** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	**X 1 DT 8/8**

Segment: **PKG** **Marking, Packaging, Loading**
Position: 2200
Loop:
Level: Heading
Usage: Optional
Max Use: 200
Purpose: To describe marking, packaging, loading, and unloading requirements
Syntax Notes:
1 At least one of PKG04 PKG05 or PKG06 is required.
2 If PKG04 is present, then PKG03 is required.
3 If PKG05 is present, then PKG01 is required.
Semantic Notes:
1 PKG04 should be used for industry-specific packaging description codes.
Comments:
1 Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.
2 If PKG01 equals "F", then PKG05 is used. If PKG01 equals "S", then PKG04 is used. If PKG01 equals "X", then both PKG04 and PKG05 are used.
3 Use PKG03 to indicate the organization that publishes the code list being referred to.
4 Special marking or tagging data can be given in PKG05 (description).
Notes: ***The PKG segment will only be sent to transmit Military TCN markings for overseas shipments. AAFES max use is seven.***

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
PKG01	**349**	**Item Description Type** Code indicating the format of a description F Free-form	**X 1 ID 1/1**
PKG02	**753**	**Packaging Characteristic Code** Code specifying the marking, packaging, loading and related characteristics being described 10 Shipping Package Labeling	**O 1 ID 1/5**
PKG05	**352**	**Description** A free-form description to clarify the related data elements and their content	**X 1 AN 1/80**

Segment: **TD1** **Carrier Details (Quantity and Weight)**
Position: 2300
Loop:
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the transportation details relative to commodity, weight, and quantity
Syntax Notes:
1 If TD101 is present, then TD102 is required.
2 If TD103 is present, then TD104 is required.
3 If TD106 is present, then TD107 is required.
4 If either TD107 or TD108 is present, then the other is required.
5 If either TD109 or TD110 is present, then the other is required.
Semantic Notes:
Comments:

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
TD103	**23**	**Commodity Code Qualifier** Code identifying the commodity coding system used for Commodity Code I Milstamp AITC or Water Commodity Code	**O 1 ID 1/1**
TD104	**22**	**Commodity Code** Code describing a commodity or group of commodities	**X 1 AN 1/30**

Segment: **TD5** **Carrier Details (Routing Sequence/Transit Time)**
Position: 2400
Loop:
Level: Heading
Usage: Optional (Recommended)
Max Use: >1
Purpose: To specify the carrier and sequence of routing and provide transit time information
Syntax Notes:
1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.
2 If TD502 is present, then TD503 is required.
3 If TD507 is present, then TD508 is required.
4 If TD510 is present, then TD511 is required.
5 If TD513 is present, then TD512 is required.
6 If TD514 is present, then TD513 is required.
7 If TD515 is present, then TD512 is required.
Semantic Notes:
1 TD515 is the country where the service is to be performed.
Comments:
1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.
Notes:

TD505 IS REQUIRED BY AAFES.

TD505 will be used to specify a carrier, and/or provide a required "CALL STAMP". If you are FOB Origin, and receive a call stamp, you must CALL AAFES for routing instructions prior to shipment.

If a routing deviation is required, call AAFES Logistics.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
R	**TD504**	**91**	**Transportation Method/Type Code** Code specifying the method or type of transportation for the shipment	**X**	**1**	**ID 1/2**

A	Air
AF	Air Freight
B	Barge
BP	Book Postal
C	Consolidation
D	Parcel Post
E	Expedited Truck
FL	Motor (Flatbed)
H	Customer Pickup
I	Common Irregular Carrier
L	Contract Carrier
LT	Less Than Trailer Load (LTL)
M	Motor (Common Carrier)
O	Containerized Ocean
P	Private Carrier
Q	Conventional Ocean
R	Rail
S	Ocean
SE	Sea/Air
T	Best Way (Shippers Option)

U	Private Parcel Service
X	Intermodal (Piggyback)
ZZ	Mutually defined

Represents truck load shipments.

R **TD505** **387** **Routing** **X** **1** **AN 1/35**

Free-form description of the routing or requested routing for shipment, or the originating carrier's identity

This element will be used to specify a carrier, and/or provide required "CALL FOR ROUTING" information.

Segment: **N9** **Reference Identification**
Position: 2950
Loop: N9 Optional (Recommended)
Level: Heading
Usage: Optional (Recommended)
Max Use: 1
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:
1 At least one of N902 or N903 is required.
2 If N906 is present, then N905 is required.
3 If either C04003 or C04004 is present, then the other is required.
4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:
1 N906 reflects the time zone which the time reflects.
2 N907 contains data relating to the value cited in N902.
Comments:
Notes: ***Required by AAFES.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**N901**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification AH Agreement Number	**M**	**1**	**ID 2/3**
	N902	**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: **MTX** **Text**
Position: 3000
Loop: N9 Optional (Recommended)
Level: Heading
Usage: Optional (Recommended)
Max Use: >1
Purpose: To specify textual data
Syntax Notes:
1 If MTX01 is present, then MTX02 is required.
2 If MTX03 is present, then MTX02 is required.
3 If MTX05 is present, then MTX04 is required.
Semantic Notes:
1 MTX05 is the number of lines to advance before printing.
Comments:
1 If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.
Notes: ***This segment will contain any text clauses for the agreement referenced in the previous N9 segment.***

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
MTX02	**1551**	**Message Text** To transmit large volumes of message text	**X 1 AN 1/4096**

Segment: **N1** **Name**
Position: 3100
Loop: N1 Optional (Recommended)
Level: Heading
Usage: Optional (Recommended)
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 BT Bill-to-Party MA Party for whom Item is Ultimately Intended ST Ship To VN Vendor ***When used, the N1 segment will be transmitted without corresponding N2, N3, and N4.*** Z7 Mark-for Party `The party for whom the needed material is intended` ***Only used for orders that are consolidated or transhipped.***	**M 1 ID 2/3**
R	**N102**	**93**	**Name** Free-form name	**X 1 AN 1/60**
R	**N103**	**66**	**Identification Code Qualifier** Code designating the system/method of code structure used for Identification Code (67) 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix 92 Assigned by Buyer or Buyer's Agent ***AAFES 4 digit alpha/numeric facility number or 7 digit numeric facility number.***	**X 1 ID 1/2**
R	**N104**	**67**	**Identification Code** Code identifying a party or other code	**X 1 AN 2/80**

Segment: **N2** **Additional Name Information**
Position: 3200
Loop: N1 Optional (Recommended)
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify additional names
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

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

Segment: **N3** **Address Information**
Position: 3300
Loop: N1 Optional (Recommended)
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:
Notes: ***This segment may repeat a max of two times to contain all address information.***

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: 3400
Loop: N1 Optional (Recommended)
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.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
N401	**19**	**City Name** Free-form text for city name	**O**	**1**	**AN 2/30**
N402	**156**	**State or Province Code** Code (Standard State/Province) as defined by appropriate government agency	**X**	**1**	**ID 2/2**
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: **PO1** **Baseline Item Data**
Position: 0100
Loop: PO1 Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify basic and most frequently used line item data
Syntax Notes:
1 If PO103 is present, then PO102 is required.
2 If PO105 is present, then PO104 is required.
3 If either PO106 or PO107 is present, then the other is required.
4 If either PO108 or PO109 is present, then the other is required.
5 If either PO110 or PO111 is present, then the other is required.
6 If either PO112 or PO113 is present, then the other is required.
7 If either PO114 or PO115 is present, then the other is required.
8 If either PO116 or PO117 is present, then the other is required.
9 If either PO118 or PO119 is present, then the other is required.
10 If either PO120 or PO121 is present, then the other is required.
11 If either PO122 or PO123 is present, then the other is required.
12 If either PO124 or PO125 is present, then the other is required.
Semantic Notes:
Comments:
1 See the Data Element Dictionary for a complete list of IDs.
2 PO101 is the line item identification.
3 PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
R	**PO101**	**350**	**Assigned Identification** Alphanumeric characters assigned for differentiation within a transaction set ***This element will contain the purchase order item line number.***	**O**	**1**	**AN 1/20**
R	**PO102**	**330**	**Quantity Ordered** Quantity ordered	**X**	**1**	**R 1/15**
R	**PO103**	**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	**O**	**1**	**ID 2/2**
R	**PO104**	**212**	**Unit Price** Price per unit of product, service, commodity, etc. ***If code in PO103 is "EA" unit price will be in eaches.*** ***If code in PO104 is "CA" unit price will be in cases.***	**X**	**1**	**R 1/17**
R	**PO105**	**639**	**Basis of Unit Price Code** Code identifying the type of unit price for an item UM Price per Unit of Measure	**O**	**1**	**ID 2/2**
R	**PO106**	**235**	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234) EN EAN/UCC - 13 Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN) IB International Standard Book Number (ISBN) U2 U.P.C. Shipping Container Code (1-2-5-5) A 13-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging	**X**	**1**	**ID 2/2**

				indicator; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digits are the manufacturer ID number, and the remaining five digits are the item code			
			UA	U.P.C./EAN Case Code (2-5-5)			
			UK	EAN/UCC - 14 Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification 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.)			
R	**PO107**	**234**	**Product/Service ID** Identifying number for a product or service		**X**	**1**	**AN 1/48**
	PO108	**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**
			PI	Purchaser's Item Code			
	PO109	**234**	**Product/Service ID** Identifying number for a product or service ***AAFES item number.***		**X**	**1**	**AN 1/48**
	PO110	**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**
			VA	Vendor's Style Number			
	PO111	**234**	**Product/Service ID** Identifying number for a product or service		**X**	**1**	**AN 1/48**

Segment: **CTP** **Pricing Information**
Position: 0400
Loop: CTP Optional
Level: Detail
Usage: Optional
Max Use: 1
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: ***This segment will be utilized to transmit Voluntary Price Reduction (VPR) and/or sell price for pre-marking of merchandise.***

Data Element Summary

Ref. Des.	Data Element	Name		Attributes		
CTP02	**236**	**Price Identifier Code**		**X**	**1**	**ID 3/3**
		Code identifying pricing specification				
		MSR	Manufacturer's Suggested Retail			
		PRP	Promotional price			
		RES	Resale			
CTP03	**212**	**Unit Price**		**X**	**1**	**R 1/17**
		Price per unit of product, service, commodity, etc.				

Segment: **PO4** **Item Physical Details**
Position: 0900
Loop: PO1 Mandatory
Level: Detail
Usage: Optional (Recommended)
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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes			
R	**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: **SDQ** **Destination Quantity**
Position: 1900
Loop: PO1 Mandatory
Level: Detail
Usage: Optional
Max Use: 500
Purpose: To specify destination and quantity detail
Syntax Notes:
1 If either SDQ05 or SDQ06 is present, then the other is required.
2 If either SDQ07 or SDQ08 is present, then the other is required.
3 If either SDQ09 or SDQ10 is present, then the other is required.
4 If either SDQ11 or SDQ12 is present, then the other is required.
5 If either SDQ13 or SDQ14 is present, then the other is required.
6 If either SDQ15 or SDQ16 is present, then the other is required.
7 If either SDQ17 or SDQ18 is present, then the other is required.
8 If either SDQ19 or SDQ20 is present, then the other is required.
9 If either SDQ21 or SDQ22 is present, then the other is required.
Semantic Notes:
1 SDQ23 identifies the area within the location identified in SDQ03, SDQ05, SDQ07, SDQ09, SDQ11, SDQ13, SDQ15, SDQ17, SDQ19, and SDQ21.
Comments:
1 SDQ02 is used only if different than previously defined in the transaction set.
2 SDQ03 is the store number.
3 SDQ23 may be used to identify areas within a store, e.g., front room, back room, selling outpost, end aisle display, etc. The value is agreed to by trading partners or industry conventions.
Notes: ***The SDQ segment will only be utilized by AAFES on cross dock purchase orders.***
AAFES max use is 500.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**SDQ01**	**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	**M**	**1**	**ID 2/2**
	SDQ02	**66**	**Identification Code Qualifier** Code designating the system/method of code structure used for Identification Code (67) 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix 92 Assigned by Buyer or Buyer's Agent	**O**	**1**	**ID 1/2**
M	**SDQ03**	**67**	**Identification Code** Code identifying a party or other code	**M**	**1**	**AN 2/80**
M	**SDQ04**	**380**	**Quantity** Numeric value of quantity	**M**	**1**	**R 1/15**
	SDQ05	**67**	**Identification Code** Code identifying a party or other code	**X**	**1**	**AN 2/80**
	SDQ06	**380**	**Quantity** Numeric value of quantity	**X**	**1**	**R 1/15**
	SDQ07	**67**	**Identification Code** Code identifying a party or other code	**X**	**1**	**AN 2/80**
	SDQ08	**380**	**Quantity** Numeric value of quantity	**X**	**1**	**R 1/15**
	SDQ09	**67**	**Identification Code** Code identifying a party or other code	**X**	**1**	**AN 2/80**
	SDQ10	**380**	**Quantity** Numeric value of quantity	**X**	**1**	**R 1/15**
	SDQ11	**67**	**Identification Code**	**X**	**1**	**AN 2/80**

		Code identifying a party or other code			
SDQ12	**380**	**Quantity**	**X**	**1**	**R 1/15**
		Numeric value of quantity			
SDQ13	**67**	**Identification Code**	**X**	**1**	**AN 2/80**
		Code identifying a party or other code			
SDQ14	**380**	**Quantity**	**X**	**1**	**R 1/15**
		Numeric value of quantity			
SDQ15	**67**	**Identification Code**	**X**	**1**	**AN 2/80**
		Code identifying a party or other code			
SDQ16	**380**	**Quantity**	**X**	**1**	**R 1/15**
		Numeric value of quantity			
SDQ17	**67**	**Identification Code**	**X**	**1**	**AN 2/80**
		Code identifying a party or other code			
SDQ18	**380**	**Quantity**	**X**	**1**	**R 1/15**
		Numeric value of quantity			
SDQ19	**67**	**Identification Code**	**X**	**1**	**AN 2/80**
		Code identifying a party or other code			
SDQ20	**380**	**Quantity**	**X**	**1**	**R 1/15**
		Numeric value of quantity			
SDQ21	**67**	**Identification Code**	**X**	**1**	**AN 2/80**
		Code identifying a party or other code			
SDQ22	**380**	**Quantity**	**X**	**1**	**R 1/15**
		Numeric value of quantity			

Segment: **CTT** **Transaction Totals**
Position: 0100
Loop: CTT Optional (Recommended)
Level: Summary
Usage: Optional (Recommended)
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.

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: 0300
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**