Army and Air Force Exchange Service

850 Purchase Order

Functional Group ID=PO

Introduction:

This X12 Transaction Set 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:

VICS guidelines followed for REV5.

Special marking instructions required for overseas shipments are not included in these requirements, but are still applicable. AAFES marking/shipping instructions can be found in the AAFES Terms & Conditions Booklet, and/or the AAFES Retail Business Agreement.
This document defines the business requirements for the AAFES Purchase Order (REV 5). 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		
10	0500	REF	Reference Information	O	>1		
11	0600	PER	Administrative Communications Contact	O	3		
Not Used	0700	TAX	Tax Reference	O	>1		
12	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		
13	1100	CSH	Sales Requirements	O	5		
Not Used	1150	TC2	Commodity	O	>1		
			LOOP ID - SAC			25	
14	1200	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
Not Used	1250	CUR	Currency	O	1		
17	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		
19	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		

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Not Used	2200	PKG	Marking, Packaging, Loading	O	200	
Not Used	2300	TD1	Carrier Details (Quantity and Weight)	O	2	
20	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 Information	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 Information	O	>1	
Not Used	2860	MTX	Text	O	>1	
Not Used	2865	REF	Reference Information	O	>1	
			LOOP ID - AMT			>1
Not Used	2870	AMT	Monetary Amount Information	O	1	
Not Used	2890	REF	Reference Information	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	Extended Reference Information	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	Party Identification	O	1	
25	3200	N2	Additional Name Information	O	2	
Not Used	3250	IN2	Individual Name Structure Components	O	>1	
26	3300	N3	Party Location	O	2	
27	3400	N4	Geographic Location	O	>1	
Not Used	3450	NX2	Location ID Component	O	>1	
Not Used	3500	REF	Reference Information	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 Identification	M	>1	

			LOOP ID - SPI			>1	
Not Used	4500	SPI	Specification Identifier	O	1		
Not Used	4600	REF	Reference Information	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	Party Identification	O	1		
Not Used	5000	N2	Additional Name Information	O	2		
Not Used	5100	N3	Party Location	O	2		
Not Used	5200	N4	Geographic Location	O	1		
Not Used	5300	REF	Reference Information	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 Information	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	
28	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	
31	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	
32	0500	PID	Product/Item Description	O	1		
Not Used	0600	MEA	Measurements	O	10		
Not Used	0700	PWK	Paperwork	O	25		
33	0900	PO4	Item Physical Details	O	>1		
Not Used	1000	REF	Reference Information	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		
34	1900	SDQ	Destination Quantity	O	500		
Not Used	2000	IT3	Additional Item Data	O	5		
Not Used	2100	DTM	Date/Time Reference	O	10		
36	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 Information	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 Information	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 Information	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 Information	O	>1		
Not Used	3230	MTX	Text	O	>1		
Not Used	3240	REF	Reference Information	O	3		
			LOOP ID - LM			>1	
Not Used	3250	LM	Code Source Information	O	1		
Not Used	3260	LQ	Industry Code Identification	M	>1		
Not Used	3270	LE	Loop Trailer	O	1		
			LOOP ID - N9			1000	

Not Used	3300	N9	Extended Reference Information	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	Party Identification	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	Party Location	O	2
Not Used	3800	N4	Geographic Location	O	1
Not Used	3830	QTY	Quantity Information	O	>1
Not Used	3850	NX2	Location ID Component	O	>1
Not Used	3900	REF	Reference Information	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 Information	O	10
Not Used	4660	QTY	Quantity Information	O	5
Not Used	4680	MTX	Text	O	>1
Not Used	4690	REF	Reference Information	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	5025	MEA	Measurements	O	>1
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	Extended Reference Information	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 Information	O	1	
Not Used	5300	SI	Service Characteristic Identification	O	>1	
			LOOP ID - N1			10
Not Used	5350	N1	Party Identification	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	Party Location	O	2	
Not Used	5600	N4	Geographic Location	O	1	
Not Used	5700	NX2	Location ID Component	O	>1	
Not Used	5800	REF	Reference Information	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 Information	O	1	
Not Used	6100	REF	Reference Information	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 Identification	M	>1	

Summary:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - CTT			1	
37	0100	CTT	Transaction Totals	O	1		n4
Not Used	0200	AMT	Monetary Amount Information	O	1		n5
38	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. 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			
			850 Purchase Order			
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			
			the number is sequential assigned by the sender, starting with one within each functional group. For each functional group, the first transaction set control number will be 0001 and incremented by one for each additional transaction set within the group.			

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	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**	M	1	ID 2/2

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 order.

22	Information Copy	

This code is used to notify anyone other than the seller about this order

	Ref. Des.	Data Element	Name	Attributes		
M	BEG02	92	**Purchase Order Type Code**	M	1	ID 2/2

Code specifying the type of Purchase Order

PR	Promotion
RL	Release or Delivery Order

An order for goods and services placed against a pre-existing contract or blanket order

SA	Stand-alone Order
ZZ	Mutually Defined

Used for Cross-Dock II suppliers by request

	Ref. Des.	Data Element	Name	Attributes		
M	BEG03	324	**Purchase Order Number**	M	1	AN 1/22

Identifying number for Purchase Order assigned by the orderer/purchaser

Retailers original purchase order number.

	Ref. Des.	Data Element	Name	Attributes		
M	BEG05	373	**Date**	M	1	DT 8/8

Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

Retailers original purchase order number

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:	*See Section V(CUR Usage) for usage examples.*			
	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**	M 1 ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
			SE Selling Party	
M	CUR02	100	**Currency Code**	M 1 ID 3/3
			Code (Standard ISO) for country in whose currency the charges are specified	
			Selling Party Currency	

Segment:		**REF** Reference Information					
Position:		0500					
Loop:							
Level:		Heading					
Usage:		Optional (Recommended)					
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 may loop twice.*					

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes		
M	REF01	128	**Reference Identification Qualifier**		M	1	ID 2/3
			Code qualifying the Reference Identification				
			IA	Internal Vendor Number			
			VN	Vendor Order Number			
			Mapped but not used at this time				
R	REF02	127	**Reference Identification**		X	1	AN 1/50
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				

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:			
Notes:	*AAFES max use is one.*		
	This segment includes the name and phone number of the contracting officer. Questions concerning product and pricing should be directed to this number.		

Data Element Summary

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

	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**	M	1	ID 2/2
			Code identifying payment terms for transportation charges			
			CC Collect			
			PC Prepaid but Charged to Customer			
			PP Prepaid (by Seller)			
R	FOB02	309	**Location Qualifier**	X	1	ID 1/2
			Code identifying type of location			
			CI City			
			DE Destination (Shipping)			
			FA Factory			
			MI Mill			
			OR Origin (Shipping Point)			
			TL Terminal Cargo Location			
R	FOB03	352	**Description**	O	1	AN 1/80
			A free-form description to clarify the related data elements and their content			
			Free-form name of transportation responsibilty location.			
			This element will contain the shipping point			

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**	O	1	ID 1/2
			Code to identify a specific requirement or agreement of sale			
			N No Back Order			
			Y Back Order if Out of Stock			

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 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:
There is one segment for each Allowance, Charge, Service, or Promotion being specified. If the segemnt appears in the Header area of the transaction set, the data applies to the entire transaction set. If this segment appears in the detail area of the transation set, the data applies only to that line item. The data specified in the header are is exclusive of the data specified in the detail area; it is not the sum of the data in the detail area, i.e., allowance or charges.
SAC04 contains special services requirement codes and special processing codes. This code list is maintained by the VICS EDI SMC and is located in Section III of this guideline
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			
	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

When SAC01 contains A or code C, then this data elemnt is required. This will resolve any differences between the sender's and receiver's system calculations of amounts,i.e., rounding errors when allowances or charges are expressed in percentages or rates.
Required if SAC01 is either A or C

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

The allowance or charge amount will be adjudicated as a seperate invoice,i.e, a debit/credit memo or a seperate invoice. The amount will not be reflected in the invoice total amount.

　　　　　　02　　　　　　　　Off Invoice

The allowance or charge amount will be reflected in the total transaction amount, e.g., Total Invoices Amount = Merchandise Price + Charges - Allowances

　　　　　　03　　　　　　　　Vendor Check to Customer

The vendor will issue a check directly to the customer of the retailer, or end customer, for the allowance or charge amount. The amount is not reflected in the total

		invoice amount.
	04	Credit Customer Account
		The retailer's account will be credited for the amount of the allowance or charge. The amount is not reflected in the total invoice amount.
	05	Charge to be Paid by Vendor
		The vendor is responsible for the allowance or charge amount. The exact method of adjudication has been agreed to by the trading partners. The amount will not be reflected in the invoice amoun
	06	Charge to be Paid by Customer
		When the order/item is a direct ship to the customer, or end customer of the retailer, the allowance or charge amountn is the responsibility of the customer or end customer. If it is not a drop ship to the customer of the retailer, then the allowance or charge amount is the responsibility of the retailer. The exact method of adjudication has been agreed to by the trading partners. The amount will not be reflected in the total invoice amount.

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.	

Notes: *This segment may be used in the header area or the detail area, but not both.*

See Section V (ITD Terms Specification and Formulas) for usage examples.

Many times, deferred terms are specified on the purchase order with only the knowledge that the terms are to be based on a date value which is not known, e.g., invoice or delivery date. What is known is the percentage or dollar amount of each deferred installment, and the number of days after the date the terms are based on, that each installment will be due. In these cases, ITD01 will contain code 04, indicating deferred or installment terms, and ITD02 will contain the appropriate terms date basis code (most typically code 2 for Delivery Date, code 3 for Invoice Date, or code 15 for Receipt of Goods Date). ITD07 will contain the number of days after the terms basis date that this installment is due. ITD10 or ITD11 will be used to indicate a dollar amount (ITD10) for that installment or the percent (ITD11) for that installment. Use one ITD segment for each installment. When specifying deferred terms and the exact terms basis date is known, e.g., invoice date, ITD09 should be used to specify the exact deferred or installment date.

In order to capture the Terms of Sale various elements will be transmitted.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
R	ITD01	336	**Terms Type Code**	O	1	ID 2/2

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

	Ref. Des.	Data Element	Name	Attributes		
	ITD03	338	**Terms Discount Percent**	O	1	R 1/6

Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date
The percent is sent with a decimal point only when needed, e.g., 10.5% is sent as "10.5", and 2% is sent as "2".

| | ITD04 | 370 | **Terms Discount Due Date** | **X** | **1** | **DT 8/8** |

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

| | 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

The end of the term period is derived by adding this value to the beginning of the term period, as qualified by ITD02.

| | 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

| | ITD07 | 386 | **Terms Net Days** | **O** | **1** | **N0 1/3** |

Number of days until total invoice amount is due (discount not applicable)

The end of the term period is derived by adding this value to the beginning of the term period, as qualified by ITD02.

| **R** | 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:	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:	*This segment is used to specify order processing dates.*			
	AAFES max use is six.			
	Code 002 and 010 will always be transmitted in the DTM01, code 015 will also be transmitted if a promotion order.			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	DTM01	374	**Date/Time Qualifier**	M	1	ID 3/3
			Code specifying type of date or time, or both date and time			
			002 Delivery Requested			
			010 Requested Ship			
			015 Promotion Start			
			Advertising date			
			038 Ship No Later			
			077 Requested for Delivery (Week of)			
			The date will be the beginning day of the week. The week is measured as the next seven days, including the beginning day.			
R	DTM02	373	**Date**	X	1	DT 8/8
			Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year			

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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: *This segment is used to specify every carrier in the routing sequence or a specific routing sequence that has been previously identified (usually from a routing guide). The segment can also be used to indicate estimated transit time in days. Only use TD501 if needed for clarity; this is not a requirement in most retail applications. When referring to a pre-established routing guide, use code 91 or 92 in TD502, and identify the routing sequence, from the routing guide, in TD503. To identify a specific private parcel service, TD502 will contain code 2, and TD503 will contain the corresponding SCAC. TD510 and TD511 are used to specify transit time.*

TD505 IS REQUIRED BY AAFES.

This segment will be used to specify a carrier, and/or provide required "CALL" information.
If a routing deviation is required, call AAFES Logistics.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
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
REQUIRED BY AAFES. IF YOU ARE FOB ORIGIN AND RECEIVE A "CALL FOR ROUTING" IN THIS ELEMENT, YOU MUST CALL AAFES TRANSPORATION FOR ROUTING.

Segment:	**N9** Extended Reference Information	
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**	**M**	**1**	**ID 2/3**
			Code qualifying the Reference Identification			
			AH Agreement Number			
R	**N902**	**127**	**Reference Identification**	**X**	**1**	**AN 1/50**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			

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 reference in the previous N9 segment and CPSIA information.

Data Element Summary

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

Segment:	**N1** Party Identification	
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.	

Notes: *This segment is used to identify the retailer's location as it pertains to the order. Every purchase order must contain the identity of the buying party (purchaser). This is accomplished in one of two ways depending on the type of purchase order, Basic or Spreadsheet. BASIC There will be at least one occurrence of the N1 segment to specify the buying party by using code BY in N101. It is assumed that, for a particular buying location, the vendor has the ship to and bill to in their system, therefore, it need not be sent. Use the ship to if there are multiple ship-to locations for the buying location. SPREADSHEET The SDQ segment specifies the retailer's buying locations. Therefore, code BY is not used in the N1 segment for the spreadsheet purchase order. It is assumed the vendor has the bill to and ship to for all of the retailer's buying locations. Therefore, this segment is normally not used. If either the bill-to or ship-to locations are to be overridden, this segment is used to specify those locations. Only one iteration of each of the bill to or ship to overrides is allowed. CAUTION, this will override every bill to or ship to for every buying location in the SDQ segment(s). For example, when the customer is instructing the supplier to package goods for cross-docking, one iteration of the N1 segment, with N101 containing code ST, may be used to indicate the ship-to location. The ship-to location overrides the ship-to locations that are normally associated with the buying parties identified in the SDQ segment(s).*

N103 and N104 are required except when N101 contains code CT, MA or OB.

When the ship to is the end consumer (customer of retailer), N103 and N104 are not required.;

In some EDI implementations, it may be necessary to identify the sender and/or receiver of the transaction set within each transaction set. To identify the sender of the transaction set, N101 will contain code FR. To identify the receiver of the transaction set, N101 will contain code TO.
Based on criteria determined by AAFES Logistics, shipments could be directed through a consolidation center, or direct to the buying party (ordering facility).

N101:

If the merchandise is to be shipped direct to the ordering facility, a "BY" qualifier will be used.

If the merchandise is to be shipped through a consolidation center, the consolidation center will be addressed by the "ST" qualifier, and the ordering facility will be addressed with a "BY" qualifier. The merchandise must be "marked for" the ordering facility.

The "ST" qualifier will be used on Cross Dock orders.

Data Element Summary

Ref.   **Data**

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Des.	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

BT		Bill-to-Party
BY		Buying Party (Purchaser)
ST		Ship To
VN		Vendor

R   **N102**   **93**   **Name**   **X**   **1**   **AN 1/60**

Free-form name

R   **N103**   **66**   **Identification Code Qualifier**   **X**   **1**   **ID 1/2**

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

This qualifier will only be used for Duns Numbers with four digit suffixes.

92		Assigned by Buyer or Buyer's Agent

This qualifier will only be utilized when transmitting the AAFES 4 digit or 7 digit facility number.

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

R   **N104**   **67**   **Identification Code**   **X**   **1**   **AN 2/80**

Code identifying a party or other code

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Segment:	## N2 **Additional Name Information**	
Position:	3200	
Loop:	N1 Optional (Recommended)	
Level:	Heading	
Usage:	Optional (Recommended)	
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	M 1 AN 1/60
			Free-form name	

Segment:	**N3** Party Location		
Position:	3300		
Loop:	N1 Optional (Recommended)		
Level:	Heading		
Usage:	Optional (Recommended)		
Max Use:	2		
Purpose:	To specify the location of the named party		
Syntax Notes:			
Semantic Notes:			
Comments:			

Data Element Summary

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

Segment:	**N4** Geographic Location
Position:	3400
Loop:	N1 Optional (Recommended)
Level:	Heading
Usage:	Optional (Recommended)
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		
R	N401	19	**City Name**	O	1	**AN 2/30**
			Free-form text for city name			
R	N402	156	**State or Province Code**	X	1	**ID 2/2**
			Code (Standard State/Province) as defined by appropriate government agency			
R	N403	116	**Postal Code**	O	1	**ID 3/15**
			Code defining international postal zone code excluding punctuation and blanks (zip code for United States)			
	N404	26	**Country Code**	X	1	**ID 2/3**
			Code identifying the country			
			Sent on overseas orders only			

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:
1. PO102 is quantity ordered.

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.

Notes:
The multi-SKU case pack is used by retailers to order cases packed with specific items, each with a specific quantity. This is similar to the dynamic assortment, however, the unit of measurement code in PO103 is different for each use. For dynamic assortments, PO103 will contain code AS. This identifies the item listed in the Product/Service IDs as an assortment and the contents of the assortment are listed in subsequent SLN segments. For assortments, at least one occurrence of the Product/Service ID Qualifier and the Product/Service ID are required to identify the assortment. This may be a U.P.C., a vendor assigned number, or a retailer assigned number. There is no implication of packaging for assortments; this is part of the trading partners' business practices. Assortments are primarily used as an ordering tool. For the multi-SKU case pack, PO103 will contain code CA, and there is no requirement to send a Product/Service ID in the PO1 segment. The use of code CA in PO103, and the presence of the SLN segments, informs the receiver to pack the cases with the SKUs and quantities in the SLN segments. The quantity in PO102 is the number of cases being ordered. Each SLN segment, that follows the PO1 segment, lists the Product ID, e.g., U.P.C., and the quantity of the SKU that is to be in the case.The total units in each case is the sum of the quantities in the SLN segment.

The codes listed for PO106 apply to every occurrence of Data Element 235 in the PO1 segment.

See Section III for complete U.P.C. and EAN code definitions.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
R	PO101	350	**Assigned Identification**	O	1	AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set			
			This element will contain the purchase order item line number.			
R	PO102	380	**Quantity**	X	1	R 1/15
			Numeric value of quantity			
R	PO103	355	**Unit or Basis for Measurement Code**	O	1	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

See Section III for code list.

Refer to 005010 Data Element Dictionary for acceptable code values.

| R | PO104 | 212 | **Unit Price** | X | 1 | R 1/17 |

Price per unit of product, service, commodity, etc.

The price is sent with a decimal point only when needed, e.g., $15.95 would be sent as "15.95", and $29.00 would be sent as "29".

To indicate a no charge item or free goods, PO104 will contain a single zero (0) and PO105 will contains code NC.
If PO103 is eaches, PO104 will be the price per each.

If PO103 is cases, PO104 will be the case price.
If unit price equals 0 then PO105 = NC
If unit price is greater than 0 the PO105 = WE

| R | PO105 | 639 | **Basis of Unit Price Code** | O | 1 | ID 2/2 |

Code identifying the type of unit price for an item

This data element is used to clarify or alter the basis of unit price. The unit price expressed in PO104 is always in the same terms as the unit of measure in PO103, unless otherwise specified in PO105.

| | NC | | No Charge |
| | WE | | Wholesale Price per Each |

| R | PO106 | 235 | **Product/Service ID Qualifier** | X | 1 | ID 2/2 |

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)

| | 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)
	UK		GTIN 14-digit Data Structure

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.)

| R | PO107 | 234 | **Product/Service ID** | X | 1 | AN 1/48 |

Identifying number for a product or service

| R | PO110 | 235 | **Product/Service ID Qualifier** | X | 1 | ID 2/2 |

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

| | VA | | Vendor's Style Number |

| R | PO111 | 234 | **Product/Service ID** | X | 1 | AN 1/48 |

Identifying number for a product or service

| R | PO112 | 235 | **Product/Service ID Qualifier** | X | 1 | ID 2/2 |

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

| | SK | | Stock Keeping Unit (SKU) |

R	PO113	234	**Product/Service ID**	X	1	**AN 1/48**

Identifying number for a product or service

AAFES internal CRC number

R	PO114	235	**Product/Service ID Qualifier**	X	1	**ID 2/2**

Code identifying the type/source of the descriptive number used in
Product/Service ID (234)

    OT   Internal Number

R	PO115	234	**Product/Service ID**	X	1	**AN 1/48**

Identifying number for a product or service

RMS Department Number

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:		The CTP segment will be utilized to transmit Voluntary Price Reductions's (VPR) and/or sell price for pre-marking of merchandise.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
R	CTP02	236	**Price Identifier Code**	X	1	ID 3/3
			Code identifying pricing specification			
			PRP Promotional price			
			Promotion/Event			
			RTL Retail			
R	CTP03	212	**Unit Price**	X	1	R 1/17
			Price per unit of product, service, commodity, etc.			
			The price is sent with a decimal point only when needed, e.g., $15.95 would be sent as "15.95", and $29.00 would be sent as "29".			

Segment:	**PID** Product/Item Description	
Position:	0500	
Loop:	PID	Optional (Recommended)
Level:	Detail	
Usage:	Optional (Recommended)	
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: *The PID segment is used to provide product/item descriptions in text and or coded formats. The codes in PID04 are maintained by the VICS EDI SMC and are only printed in this guideline.*

This segment may be used to transmit semi-custom product descriptions, such as made-to-order window coverings, jewelry, furniture, apparel, automotive parts, and other customer specific products. When used for this purpose, PID04 will contain the multi-part VICS EDI Semi-Custom Product Description Code. The complete code list is contained in Section III. In addition to the VICS EDI Semi-Custom Product Description Code, PID05 may be used for text descriptions, PID06 for relative placement, and additional MEA segment(s) for actual measurement values.
AAFES max us is thirty (30).

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			
			The description will be found in the PID05			
R	PID05	352	Description	X	1	AN 1/80
			A free-form description to clarify the related data elements and their content			

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.

Notes: *This segment is used to specify the packaging of the item in the case or carton. There may be two levels of packaging specified. The first level is always specified by using PO401 (Pack). The first level may be actual items, e.g., consumer units, or it may be the number of smaller containers within the case. The second level, specified using PO414 (Inner Pack), is the number of eaches in each inner container when PO401 is the number of smaller containers within the case. See Section V (Pack/Inner Pack Usage) for usage examples.*

This segment can be used also to specify the weight and/or volume (cube) for the item by using PO406 and PO407, and/or PO408 and PO409.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
R	**PO401**	**356**	**Pack**	O 1 N0 1/6

The number of inner containers, or number of eaches if there are no inner containers, per outer container

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:	*This segment is used to distribute the line item quantity to various locations. SDQ02 serves the same purpose as N103, and all occurrences of Data Element 67, in this segment, function as N104. The SDQ segment functions as an N1 segment containing code BY in N101, that is, the SDQ segment specifies various buying locations. The N1 segment, in the basic order, specifies only one location. The sum of all quantities in the SDQ segment(s), for a line item, must equal the quantity ordered in PO102.*
	The SDQ segment will only be utilized by AAFES for Cross-Dock II purchase orders. Max use is 500.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	SDQ01	355	**Unit or Basis for Measurement Code**	M	1	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
			See section III for Code List			
			Refer to 005010 Data Element Dictionary for acceptable code values.			
R	SDQ02	66	**Identification Code Qualifier**	O	1	ID 1/2
			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			
			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	SDQ03	67	**Identification Code**	M	1	AN 2/80
			Code identifying a party or other code			
M	SDQ04	380	**Quantity**	M	1	R 1/15
			Numeric value of quantity			
	SDQ05	67	**Identification Code**	X	1	AN 2/80
			Code identifying a party or other code			

SDQ06	**380**	**Quantity**		X	1	**R 1/15**
		Numeric value of quantity				
SDQ07	**67**	**Identification Code**		X	1	**AN 2/80**
		Code identifying a party or other code				
SDQ08	**380**	**Quantity**		X	1	**R 1/15**
		Numeric value of quantity				
SDQ09	**67**	**Identification Code**		X	1	**AN 2/80**
		Code identifying a party or other code				
SDQ10	**380**	**Quantity**		X	1	**R 1/15**
		Numeric value of quantity				
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:	**TC2** Commodity			
Position:	2350			
Loop:	PO1	Mandatory		
Level:	Detail			
Usage:	Optional (Recommended)			
Max Use:	>1			
Purpose:	To identify a commodity or a group of commodities or a tariff page commodity			
Syntax Notes:				
Semantic Notes:				
Comments:				
Notes:	*This segment will be used to transmit the Commodity HTS Code and can repeat multiple times to accommodate all HTS codes related to the item.*			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	TC201	23	**Commodity Code Qualifier**	M	1	ID 1/1
			Code identifying the commodity coding system used for Commodity Code			
		A	Harmonized Tariff Schedule of the United States Annotated Classification of imported merchandise for rate of duty and statistical purposes			
M	TC202	22	**Commodity Code**	M	1	AN 1/30
			Code describing a commodity or group of commodities			
			HTS Code			

	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**	M	1	N0 1/6
			Total number of line items in the transaction set			
			The number od PO1 segments present in the transaction set.			
R	CTT03	81	**Weight**	X	1	R 1/10
			Numeric value of weight			
R	CTT04	355	**Unit or Basis for Measurement Code**	X	1	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
			LB Pound			

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.				

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Data Element Summary

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	Ref. Des.	Data Element	Name		Attributes	
M	SE01	96	**Number of Included Segments**	M	1	N0 1/10
			Total number of segments included in a transaction set including ST and SE segments			
M	SE02	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			
			This must be the same number as is in the ST segment (ST02) for the transaction set.			