

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:

Following are the AAFES purchase order guidelines (Revision 5).

These guidelines do not apply to catalog drop ship orders.

All segments marked "RECOMMENDED" and elements marked with "R" are required by AAFES and will always be transmitted unless noted in the segment definition.

All elements marked ">>" are mandatory by the standards.

All unmarked segments and elements will be transmitted as necessary.

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.

Heading:

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7	010	ST	Transaction Set Header	M	1		
8	020	BEG	Beginning Segment for Purchase Order	M	1		
Not Used	040	CUR	Currency	O	1		
Not Used	050	REF	Reference Identification	O	>1		
9	060	PER	Administrative Communications Contact	O	3		
Not Used	070	TAX	Tax Reference	O	>1		
10	080	FOB	F.O.B. Related Instructions	O	>1		
Not Used	090	CTP	Pricing Information	O	>1		
Not Used	095	PAM	Period Amount	O	10		
11	110	CSH	Sales Requirements	O	5		
Not Used	115	TC2	Commodity	O	>1		
LOOP ID - SAC						25	
12	120	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
Not Used	125	CUR	Currency	O	1		
14	130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1		
Not Used	140	DIS	Discount Detail	O	20		
Not Used	145	INC	Installment Information	O	1		
15	150	DTM	Date/Time Reference	O	10		
Not Used	160	LDT	Lead Time	O	12		

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Not Used	180	LIN	Item Identification	O	5	n1
Not Used	185	SI	Service Characteristic Identification	O	>1	
Not Used	190	PID	Product/Item Description	O	200	
Not Used	200	MEA	Measurements	O	40	
Not Used	210	PWK	Paperwork	O	25	
Not Used	220	PKG	Marking, Packaging, Loading	O	200	
Not Used	230	TD1	Carrier Details (Quantity and Weight)	O	2	
16	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
Not Used	250	TD3	Carrier Details (Equipment)	O	12	
Not Used	260	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
Not Used	270	MAN	Marks and Numbers	O	10	
Not Used	276	PCT	Percent Amounts	O	>1	
Not Used	280	CTB	Restrictions/Conditions	O	5	
Not Used	285	TXI	Tax Information	O	>1	

LOOP ID - AMT					>1
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Not Used	287	AMT	Monetary Amount	O	1
Not Used	289	REF	Reference Identification	O	>1
Not Used	290	DTM	Date/Time Reference	O	1
Not Used	292	PCT	Percent Amounts	O	>1

LOOP ID - FA1					>1
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Not Used	293	FA1	Type of Financial Accounting Data	O	1
Not Used	294	FA2	Accounting Data	M	>1

LOOP ID - N9					1000
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17	295	N9	Reference Identification	O	1
Not Used	297	DTM	Date/Time Reference	O	>1
18	300	MSG	Message Text	O	1000

LOOP ID - N1					200
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19	310	N1	Name	O	1
20	320	N2	Additional Name Information	O	2
21	330	N3	Address Information	O	2
22	340	N4	Geographic Location	O	>1
Not Used	345	NX2	Location ID Component	O	>1
Not Used	350	REF	Reference Identification	O	12
Not Used	360	PER	Administrative Communications Contact	O	>1
Not Used	365	SI	Service Characteristic Identification	O	>1
Not Used	370	FOB	F.O.B. Related Instructions	O	1
Not Used	380	TD1	Carrier Details (Quantity and Weight)	O	2
Not Used	390	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
Not Used	400	TD3	Carrier Details (Equipment)	O	12
Not Used	410	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
Not Used	420	PKG	Marking, Packaging, Loading	O	200

LOOP ID - LM					>1
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Not Used	430	LM	Code Source Information	O	1
Not Used	440	LQ	Industry Code	M	>1

LOOP ID - SPI					>1
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Not Used	450	SPI	Specification Identifier	O	1
Not Used	460	REF	Reference Identification	O	5

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Not Used	470	DTM	Date/Time Reference	O	5
Not Used	480	MSG	Message Text	O	50
LOOP ID - N1					20
Not Used	490	N1	Name	O	1
Not Used	500	N2	Additional Name Information	O	2
Not Used	510	N3	Address Information	O	2
Not Used	520	N4	Geographic Location	O	1
Not Used	530	REF	Reference Identification	O	20
Not Used	540	G61	Contact	O	1
Not Used	550	MSG	Message Text	O	50
LOOP ID - CB1					>1
Not Used	560	CB1	Contract and Cost Accounting Standards Data	O	1
Not Used	570	REF	Reference Identification	O	20
Not Used	580	DTM	Date/Time Reference	O	5
Not Used	590	LDT	Lead Time	O	1
Not Used	600	MSG	Message Text	O	50
LOOP ID - ADV					>1
Not Used	610	ADV	Advertising Demographic Information	O	1
Not Used	620	DTM	Date/Time Reference	O	>1
Not Used	630	MTX	Text	O	>1

Detail:

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LOOP ID - PO1						100000	
23	010	PO1	Baseline Item Data	M	1		n2
Not Used	015	LIN	Item Identification	O	>1		
Not Used	018	SI	Service Characteristic Identification	O	>1		
Not Used	020	CUR	Currency	O	1		
Not Used	025	CN1	Contract Information	O	1		
Not Used	030	PO3	Additional Item Detail	O	25		
LOOP ID - CTP						>1	
25	040	CTP	Pricing Information	O	1		
Not Used	043	CUR	Currency	O	1		
Not Used	045	PAM	Period Amount	O	10		
Not Used	049	MEA	Measurements	O	40		
LOOP ID - PID						1000	
26	050	PID	Product/Item Description	O	1		
Not Used	060	MEA	Measurements	O	10		
Not Used	070	PWK	Paperwork	O	25		
27	090	PO4	Item Physical Details	O	>1		
Not Used	100	REF	Reference Identification	O	>1		
Not Used	110	PER	Administrative Communications Contact	O	3		
LOOP ID - SAC						25	
28	130	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
Not Used	135	CUR	Currency	O	1		
Not Used	137	CTP	Pricing Information	O	1		
Not Used	140	IT8	Conditions of Sale	O	1		

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Not Used	142	CSH	Sales Requirements	O	>1
Not Used	150	ITD	Terms of Sale/Deferred Terms of Sale	O	2
Not Used	160	DIS	Discount Detail	O	20
Not Used	165	INC	Installment Information	O	1
Not Used	170	TAX	Tax Reference	O	>1
Not Used	180	FOB	F.O.B. Related Instructions	O	>1
30	190	SDQ	Destination Quantity	O	500
Not Used	200	IT3	Additional Item Data	O	5
Not Used	210	DTM	Date/Time Reference	O	10
Not Used	235	TC2	Commodity	O	>1
Not Used	240	TD1	Carrier Details (Quantity and Weight)	O	1
Not Used	250	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
Not Used	260	TD3	Carrier Details (Equipment)	O	12
Not Used	270	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
Not Used	276	PCT	Percent Amounts	O	>1
Not Used	280	MAN	Marks and Numbers	O	10
Not Used	289	MSG	Message Text	O	>1
Not Used	290	SPI	Specification Identifier	O	>1
Not Used	291	TXI	Tax Information	O	>1
Not Used	292	CTB	Restrictions/Conditions	O	>1
LOOP ID - QTY					>1
Not Used	293	QTY	Quantity	O	1
Not Used	294	SI	Service Characteristic Identification	O	>1
LOOP ID - SCH					200
Not Used	295	SCH	Line Item Schedule	O	1 n3
Not Used	296	TD1	Carrier Details (Quantity and Weight)	O	2
Not Used	297	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
Not Used	298	TD3	Carrier Details (Equipment)	O	12
Not Used	299	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
Not Used	300	REF	Reference Identification	O	>1
LOOP ID - PKG					200
Not Used	305	PKG	Marking, Packaging, Loading	O	1
Not Used	310	MEA	Measurements	O	>1
Not Used	320	LS	Loop Header	O	1
LOOP ID - LDT					>1
Not Used	321	LDT	Lead Time	O	1
Not Used	322	QTY	Quantity	O	>1
Not Used	323	MSG	Message Text	O	1
Not Used	324	REF	Reference Identification	O	3
LOOP ID - LM					>1
Not Used	325	LM	Code Source Information	O	1
Not Used	326	LQ	Industry Code	M	>1
Not Used	327	LE	Loop Trailer	O	1
LOOP ID - N9					1000
Not Used	330	N9	Reference Identification	O	1
Not Used	332	DTM	Date/Time Reference	O	>1
Not Used	335	MEA	Measurements	O	40

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Not Used	340	MSG	Message Text	0	1000
LOOP ID - N1					200
Not Used	350	N1	Name	0	1
Not Used	360	N2	Additional Name Information	0	2
Not Used	370	N3	Address Information	0	2
Not Used	380	N4	Geographic Location	0	1
Not Used	383	QTY	Quantity	0	>1
Not Used	385	NX2	Location ID Component	0	>1
Not Used	390	REF	Reference Identification	0	12
Not Used	400	PER	Administrative Communications Contact	0	3
Not Used	405	SI	Service Characteristic Identification	0	>1
Not Used	406	DTM	Date/Time Reference	0	1
Not Used	410	FOB	F.O.B. Related Instructions	0	1
Not Used	415	SCH	Line Item Schedule	0	200
Not Used	420	TD1	Carrier Details (Quantity and Weight)	0	2
Not Used	430	TD5	Carrier Details (Routing Sequence/Transit Time)	0	12
Not Used	440	TD3	Carrier Details (Equipment)	0	12
Not Used	450	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	0	5
Not Used	460	PKG	Marking, Packaging, Loading	0	200
LOOP ID - LDT					>1
Not Used	462	LDT	Lead Time	0	1
Not Used	464	MAN	Marks and Numbers	0	10
Not Used	466	QTY	Quantity	0	5
Not Used	468	MSG	Message Text	0	1
Not Used	469	REF	Reference Identification	0	3
LOOP ID - SLN					1000
Not Used	470	SLN	Subline Item Detail	0	1
Not Used	475	MSG	Message Text	0	>1
Not Used	480	SI	Service Characteristic Identification	0	>1
Not Used	490	PID	Product/Item Description	0	1000
Not Used	500	PO3	Additional Item Detail	0	104
Not Used	505	TC2	Commodity	0	>1
Not Used	513	ADV	Advertising Demographic Information	0	>1
Not Used	515	DTM	Date/Time Reference	0	10
Not Used	516	CTP	Pricing Information	0	25
Not Used	517	PAM	Period Amount	0	10
Not Used	518	PO4	Item Physical Details	0	1
Not Used	519	TAX	Tax Reference	0	3
LOOP ID - N9					>1
Not Used	523	N9	Reference Identification	0	1
Not Used	524	DTM	Date/Time Reference	0	>1
Not Used	525	MSG	Message Text	0	>1
LOOP ID - SAC					25
Not Used	526	SAC	Service, Promotion, Allowance, or Charge Information	0	1
Not Used	527	CUR	Currency	0	1
Not Used	528	CTP	Pricing Information	0	1
LOOP ID - QTY					>1
Not Used	529	QTY	Quantity	0	1

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Not Used	530	SI	Service Characteristic Identification	O	>1
			LOOP ID - N1	10	
Not Used	535	N1	Name	O	1
Not Used	540	N2	Additional Name Information	O	2
Not Used	550	N3	Address Information	O	2
Not Used	560	N4	Geographic Location	O	1
Not Used	570	NX2	Location ID Component	O	>1
Not Used	580	REF	Reference Identification	O	12
Not Used	590	PER	Administrative Communications Contact	O	3
Not Used	595	SI	Service Characteristic Identification	O	>1
			LOOP ID - AMT	>1	
Not Used	600	AMT	Monetary Amount	O	1
Not Used	610	REF	Reference Identification	O	1
Not Used	612	PCT	Percent Amounts	O	>1
			LOOP ID - LM	>1	
Not Used	620	LM	Code Source Information	O	1
Not Used	630	LQ	Industry Code	M	>1

Summary:

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			LOOP ID - CTT	1			
32	010	CTT	Transaction Totals	O	1		n4
Not Used	020	AMT	Monetary Amount	O	1		n5
33	030	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: 010
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).
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 850 Purchase Order	M 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 AN 4/9

Segment: **BEG** Beginning Segment for Purchase Order

Position: 020

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

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	BEG01	353	Transaction Set Purpose Code Code identifying purpose of transaction set	M ID 2/2
			00 Original <i>This value will be transmitted on all production purchase orders.</i>	
			06 Confirmation <i>This value will be transmitted on all startup parallel test purchase orders.</i>	
			22 Information Copy	
M	BEG02	92	Purchase Order Type Code Code specifying the type of Purchase Order	M ID 2/2
			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	
			ZZ Mutually Defined <i>Used for Cross-Dock II suppliers by request</i>	
M	BEG03	324	Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser	M AN 1/22
M	BEG05	373	Date Date expressed as CCYYMMDD	M DT 8/8
	BEG06	367	Contract Number Contract number	O AN 1/30

Segment: **PER Administrative Communications Contact**
Position: 060
Loop:
Level: Heading
Usage: Optional
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 identifiers and pricing should be directed to this number.

Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	PER01	366	Contact Function Code	M ID 2/2
			Code identifying the major duty or responsibility of the person or group named	
			BD Buyer Name or Department	
			<i>Utilized for all AAFES buyer initiated purchase orders.</i>	
	PER02	93	Name	O AN 1/60
			Free-form name	
	PER03	365	Communication Number Qualifier	X ID 2/2
			Code identifying the type of communication number	
			TE Telephone	
			<i>Used on AAFES buyer generated purchase orders.</i>	
	PER04	364	Communication Number	X AN 1/80
			Complete communications number including country or area code when applicable	

Segment: **FOB** F.O.B. Related Instructions
Position: 080
Loop:
Level: Heading
Usage: Optional
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.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	FOB01	146	Shipment Method of Payment	M ID 2/2
			Code identifying payment terms for transportation charges	
			CC Collect	
			PC Prepaid but Charged to Customer	
	FOB02	309	Location Qualifier	X 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	
	FOB03	352	Description	O AN 1/80
			A free-form description to clarify the related data elements and their content	
			<i>This element will contain the shipping point.</i>	

Segment: **CSH** Sales Requirements
Position: 110
Loop:
Level: Heading
Usage: Optional
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

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
CSH01	563	Sales Requirement Code	O 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: 120

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 to further the code in 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.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
M	SAC01	248 Allowance or Charge Indicator	M 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 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	

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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 N2 1/15
 Monetary amount

Required if SAC01 is either A or C.

SAC12 331 Allowance or Charge Method of Handling Code O 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: 130
Loop:
Level: Heading
Usage: Optional
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

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
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 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 R 1/6
ITD04	370	Terms Discount Due Date Date payment is due if discount is to be earned expressed in format CCYYMMDD	X 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 N0 1/3
ITD06	446	Terms Net Due Date Date when total invoice amount becomes due expressed in format CCYYMMDD	O DT 8/8
ITD07	386	Terms Net Days Number of days until total invoice amount is due (discount not applicable)	O N0 1/3
ITD12	352	Description A free-form description to clarify the related data elements and their content	O AN 1/80

Segment: **DTM** **Date/Time Reference**
Position: 150
Loop:
Level: Heading
Usage: Optional
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: *Order processing dates. AAFES max use is six.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
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 038 Ship No Later 077 Requested for Delivery (Week of)	M ID 3/3
	DTM02	373	Date Date expressed as CCYYMMDD	X DT 8/8

- Segment:** **TD5** Carrier Details (Routing Sequence/Transit Time)
- Position:** 240
- Loop:**
- Level:** Heading
- Usage:** Optional
- Max Use:** 12
- 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.*
- 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.	Data		Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	
TD505	387	Routing	X AN 1/35
		Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	
		<i>REQUIRED BY AAFES. IF YOU ARE FOB ORIGIN AND RECEIVE A "CALL FOR ROUTING" IN THIS ELEMENT, YOU MUST CALL AAFES TRANSPORTATION FOR ROUTING.</i>	

Segment: **N9 Reference Identification**
Position: 295
Loop: N9 Optional
Level: Heading
Usage: Optional
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:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	N901	128	Reference Identification Qualifier Code qualifying the Reference Identification AH Agreement Number	M 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 AN 1/30

Segment: **MSG** Message Text
Position: 300
Loop: N9 Optional
Level: Heading
Usage: Optional
Max Use: 1000
Purpose: To provide a free-form format that allows the transmission of text information
Syntax Notes: 1 If MSG03 is present, then MSG02 is required.
Semantic Notes: 1 MSG03 is the number of lines to advance before printing.
Comments: 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
 2 If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.
Notes: *This segment will contain any text clauses for the agreement referenced in the previous N9 segment.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
M	MSG01	933 Free-Form Message Text Free-form message text	M AN 1/264

Segment: **N1** Name
Position: 310
Loop: N1 Optional
Level: Heading
Usage: Optional
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:
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 Element	Name	Attributes
M	N101	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		BT Bill-to-Party	
		BY Buying Party (Purchaser)	
		MA Party for whom Item is Ultimately Intended	
		ST Ship To	
		VN Vendor	
		<i>When utilized for catalog drop ship purchase orders, the N103 and N104 are NOT REQUIRED.</i>	
		<i>When used, the N1 segment will be transmitted without corresponding N2, N3, and N4.</i>	
	N102	93 Name	X AN 1/60
		Free-form name	
	N103	66 Identification Code Qualifier	X 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	
		<i>This qualifier will only be used for Duns Numbers with four digit suffixes.</i>	
		92 Assigned by Buyer or Buyer's Agent	
		<i>This qualifier will only be utilized when transmitting the AAFES 4-digit or 7-digit facility number.</i>	
	N104	67 Identification Code	X AN 2/80
		Code identifying a party or other code	

Segment: **N2 Additional Name Information**
Position: 320
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

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

Segment: **N3** **Address Information**
Position: 330
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

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

Segment: **N4 Geographic Location**
Position: 340
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1 If N406 is present, then N405 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

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

- Segment:** **PO1** **Baseline Item Data**
- Position:** 010
- 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

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
PO101	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set <i>This element will contain the purchase order item line number.</i>	O AN 1/20
PO102	330	Quantity Ordered Quantity ordered	X R 1/15
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 Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2
PO104	212	Unit Price Price per unit of product, service, commodity, etc. <i>If PO103 is eaches, PO104 will be the price per each.</i> <i>If PO103 is cases, PO104 will be the case price.</i>	X R 1/17
PO105	639	Basis of Unit Price Code Code identifying the type of unit price for an item UM Price per Unit of Measure	O ID 2/2
PO106	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) UA U.P.C./EAN Case Code (2-5-5) UP U.P.C. Consumer Package Code (1-5-5-1)	X ID 2/2
PO107	234	Product/Service ID Identifying number for a product or service	X 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 ID 2/2

		PI	Purchaser's Item Code		
PO109	234	Product/Service ID		X	AN 1/48
		Identifying number for a product or service			
		<i>AAFES item number.</i>			
PO110	235	Product/Service ID Qualifier		X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		VA	Vendor's Style Number		
PO111	234	Product/Service ID		X	AN 1/48
		Identifying number for a product or service			
PO112	235	Product/Service ID Qualifier		X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		CB	Buyer's Catalog Number		
PO113	234	Product/Service ID		X	AN 1/48
		Identifying number for a product or service			
PO114	235	Product/Service ID Qualifier		X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		IB	International Standard Book Number (ISBN)		
PO115	234	Product/Service ID		X	AN 1/48
		Identifying number for a product or service			
PO116	235	Product/Service ID Qualifier		X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		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 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			
PO117	234	Product/Service ID		X	AN 1/48
		Identifying number for a product or service			
PO118	235	Product/Service ID Qualifier		X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		EN	European Article Number (EAN) (2-5-5-1)		
PO119	234	Product/Service ID		X	AN 1/48
		Identifying number for a product or service			
PO120	235	Product/Service ID Qualifier		X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		OT	Internal Number		
		<i>Internal RETEK dept code</i>			
PO121	234	Product/Service ID		X	AN 1/48
		Identifying number for a product or service			

- Segment:** **CTP Pricing Information**
- Position:** 040
- 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 only be utilized to transmit sell price for pre-marking of merchandise.*

Data Element Summary

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

- Segment:** **PID** **Product/Item Description**
- Position:** 050
- Loop:** PID Optional
- Level:** Detail
- Usage:** Optional
- Max Use:** 1
- Purpose:** To describe a product or process in coded or free-form format
- Syntax Notes:**
- 1 If PID04 is present, then PID03 is required.
 - 2 At least one of PID04 or PID05 is required.
 - 3 If PID07 is present, then PID03 is required.
 - 4 If PID08 is present, then PID04 is required.
 - 5 If PID09 is present, then PID05 is required.
- Semantic Notes:**
- 1 Use PID03 to indicate the organization that publishes the code list being referred to.
 - 2 PID04 should be used for industry-specific product description codes.
 - 3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
 - 4 PID09 is used to identify the language being used in PID05.
- Comments:**
- 1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
 - 2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.
 - 3 PID07 specifies the individual code list of the agency specified in PID03.
- Notes:** *AAFES max use is thirty.*

Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	PID01	349	Item Description Type	M ID 1/1
			Code indicating the format of a description	
			F Free-form	
	PID05	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content	

- Segment:** **PO4** Item Physical Details
- Position:** 090
- Loop:** PO1 Mandatory
- Level:** Detail
- Usage:** Optional
- Max Use:** >1
- Purpose:** To specify the physical qualities, packaging, weights, and dimensions relating to the item
- Syntax Notes:**
- 1 If either PO402 or PO403 is present, then the other is required.
 - 2 If PO405 is present, then PO406 is required.
 - 3 If either PO406 or PO407 is present, then the other is required.
 - 4 If either PO408 or PO409 is present, then the other is required.
 - 5 If PO410 is present, then PO413 is required.
 - 6 If PO411 is present, then PO413 is required.
 - 7 If PO412 is present, then PO413 is required.
 - 8 If PO413 is present, then at least one of PO410 PO411 or PO412 is required.
 - 9 If PO417 is present, then PO416 is required.
 - 10 If PO418 is present, then PO404 is required.
- Semantic Notes:**
- 1 PO415 is used to indicate the relative layer of this package or range of packages within the layers of packaging. Relative Position 1 (value R1) is the innermost package.
 - 2 PO416 is the package identifier or the beginning package identifier in a range of identifiers.
 - 3 PO417 is the ending package identifier in a range of identifiers.
 - 4 PO418 is the number of packages in this layer.
- Comments:**
- 1 PO403 - The "Unit or Basis for Measure Code" in this segment position is for purposes of defining the pack (PO401) /size (PO402) measure which indicates the quantity in the inner pack unit. 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

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

Segment: **SAC** Service, Promotion, Allowance, or Charge Information

Position: 130

Loop: SAC Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

- Syntax Notes:**
- 1 At least one of SAC02 or SAC03 is required.
 - 2 If either SAC03 or SAC04 is present, then the other is required.
 - 3 If either SAC06 or SAC07 is present, then the other is required.
 - 4 If either SAC09 or SAC10 is present, then the other is required.
 - 5 If SAC11 is present, then SAC10 is required.
 - 6 If 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 to further the code in 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.

Data Element Summary

Ref.	Data Element	Name	Attributes
M	SAC01	248 Allowance or Charge Indicator	M 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 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	

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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 N2 1/15

Monetary amount

SAC12 331 Allowance or Charge Method of Handling Code O 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:	SDQ Destination Quantity
Position:	190
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	500
Purpose:	To specify destination and quantity detail
Syntax Notes:	<ol style="list-style-type: none"> 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:	<ol style="list-style-type: none"> 1 SDQ23 identifies the area within the location identified in SDQ03, SDQ05, SDQ07, SDQ09, SDQ11, SDQ13, SDQ15, SDQ17, SDQ19, and SDQ21.
Comments:	<ol style="list-style-type: none"> 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:	<i>The SDQ segment will only be utilized by AAFES on cross dock purchase orders. AAFES max use if 500.</i>

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	SDQ01	355	Unit or Basis for Measurement Code	M ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	
	SDQ02	66	Identification Code Qualifier	O 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	
M	SDQ03	67	Identification Code	M AN 2/80
			Code identifying a party or other code	
M	SDQ04	380	Quantity	M R 1/15
			Numeric value of quantity	
	SDQ05	67	Identification Code	X AN 2/80
			Code identifying a party or other code	
	SDQ06	380	Quantity	X R 1/15
			Numeric value of quantity	
	SDQ07	67	Identification Code	X AN 2/80
			Code identifying a party or other code	
	SDQ08	380	Quantity	X R 1/15
			Numeric value of quantity	
	SDQ09	67	Identification Code	X AN 2/80
			Code identifying a party or other code	
	SDQ10	380	Quantity	X R 1/15
			Numeric value of quantity	

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SDQ11	67	Identification Code Code identifying a party or other code	X	AN 2/80
SDQ12	380	Quantity Numeric value of quantity	X	R 1/15
SDQ13	67	Identification Code Code identifying a party or other code	X	AN 2/80
SDQ14	380	Quantity Numeric value of quantity	X	R 1/15
SDQ15	67	Identification Code Code identifying a party or other code	X	AN 2/80
SDQ16	380	Quantity Numeric value of quantity	X	R 1/15
SDQ17	67	Identification Code Code identifying a party or other code	X	AN 2/80
SDQ18	380	Quantity Numeric value of quantity	X	R 1/15
SDQ19	67	Identification Code Code identifying a party or other code	X	AN 2/80
SDQ20	380	Quantity Numeric value of quantity	X	R 1/15
SDQ21	67	Identification Code Code identifying a party or other code	X	AN 2/80
SDQ22	380	Quantity Numeric value of quantity	X	R 1/15

Segment: **CTT** Transaction Totals
Position: 010
Loop: CTT Optional
Level: Summary
Usage: Optional
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

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

Segment: **SE** Transaction Set Trailer
Position: 030
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

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M 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 AN 4/9