

855 Purchase Order Acknowledgment

Functional Group ID=**PR**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Acknowledgment Transaction Set (855) 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 a seller's acknowledgment of a buyer's purchase order. This transaction set can also be used as notification of a vendor generated order. This usage advises a buyer that a vendor has or will ship merchandise as prearranged in their partnership.

Notes:

This Purchase Order Acknowledgment (855) is to be used as an acknowledgment of the AAFES Purchase Order (850).

AAFES does not require acknowledgements for orders with no changes. Only orders with changes/cancellations should be acknowledged. If the 855 is not received, we will assume that the order will be shipped complete and on time.

The combination of the transaction set purpose code in BAK01 and the Acknowledgment type code in BAK02 delineates the purpose and requested action of the document.

Heading:

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6	0100	ST	Transaction Set Header	M	1		
7	0200	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1		
Not Used	0400	CUR	Currency	O	1		
Not Used	0500	REF	Reference Identification	O	>1		
Not Used	0600	PER	Administrative Communications Contact	O	3		
Not Used	0700	TAX	Tax Reference	O	>1		
Not Used	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		
Not Used	1100	CSH	Sales Requirements	O	1		
LOOP ID - SAC						25	
Not Used	1200	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
Not Used	1250	CUR	Currency	O	1		
Not Used	1300	ITD	Terms of Sale/Deferred Terms of Sale	O	5		
Not Used	1400	DIS	Discount Detail	O	20		
Not Used	1450	INC	Installment Information	O	1		
8	1500	DTM	Date/Time Reference	O	10		
Not Used	1600	LDT	Lead Time	O	12		
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		

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Not Used	2100	PWK	Paperwork	O	25
Not Used	2200	PKG	Marking, Packaging, Loading	O	25
Not Used	2300	TD1	Carrier Details (Quantity and Weight)	O	2
Not Used	2400	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
Not Used	2500	TD3	Carrier Details (Equipment)	O	12
Not Used	2600	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
Not Used	2700	MAN	Marks and Numbers	O	10
Not Used	2750	TXI	Tax Information	O	>1
Not Used	2770	CTB	Restrictions/Conditions	O	>1
LOOP ID - N9					1000
Not Used	2800	N9	Reference Identification	O	1
Not Used	2850	DTM	Date/Time Reference	O	>1
Not Used	2900	MTX	Text	O	>1
Not Used	2950	PWK	Paperwork	O	>1
Not Used	2980	EFI	Electronic Format Identification	O	>1
LOOP ID - N1					200
9	3000	N1	Name	O	1
Not Used	3100	N2	Additional Name Information	O	2
Not Used	3150	IN2	Individual Name Structure Components	O	>1
Not Used	3200	N3	Address Information	O	2
Not Used	3300	N4	Geographic Location	O	1
Not Used	3350	NX2	Location ID Component	O	>1
Not Used	3400	REF	Reference Identification	O	12
Not Used	3500	PER	Administrative Communications Contact	O	>1
Not Used	3550	SI	Service Characteristic Identification	O	>1
Not Used	3600	FOB	F.O.B. Related Instructions	O	1
Not Used	3700	TD1	Carrier Details (Quantity and Weight)	O	2
Not Used	3800	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
Not Used	3900	TD3	Carrier Details (Equipment)	O	12
Not Used	4000	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
Not Used	4100	PKG	Marking, Packaging, Loading	O	25
Not Used	4200	MTX	Text	O	>1
LOOP ID - ADV					>1
Not Used	4300	ADV	Advertising Demographic Information	O	1
Not Used	4400	DTM	Date/Time Reference	O	>1
Not Used	4500	MTX	Text	O	>1

Detail:

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LOOP ID - PO1						100000	
10	0100	PO1	Baseline Item Data	O	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	0300	PO3	Additional Item Detail	O	25		
12	0400	CTP	Pricing Information	O	>1		
Not Used	0450	PAM	Period Amount	O	10		

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Not Used	0490	MEA	Measurements	O	40	
					1000	
Not Used	0500	PID	Product/Item Description	O	1	
Not Used	0600	MEA	Measurements	O	10	
Not Used	0700	PWK	Paperwork	O	25	
13	0900	PO4	Item Physical Details	O	>1	
Not Used	1000	REF	Reference Identification	O	>1	
Not Used	1100	PER	Administrative Communications Contact	O	3	
					25	
Not Used	1300	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
Not Used	1350	CUR	Currency	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	
14	1900	SDQ	Destination Quantity	O	500	
Not Used	2000	DTM	Date/Time Reference	O	10	
Not Used	2100	LDT	Lead Time	O	12	
Not Used	2300	TD1	Carrier Details (Quantity and Weight)	O	1	
Not Used	2400	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
Not Used	2500	TD3	Carrier Details (Equipment)	O	12	
Not Used	2600	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
					104	
16	2700	ACK	Line Item Acknowledgment	O	1	
Not Used	2800	DTM	Date/Time Reference	O	1	
Not Used	2900	MAN	Marks and Numbers	O	10	
Not Used	2930	AMT	Monetary Amount	O	1	n3
Not Used	2950	CTB	Restrictions/Conditions	O	>1	
Not Used	2960	TXI	Tax Information	O	>1	
					>1	
Not Used	3000	QTY	Quantity	O	1	
Not Used	3020	SI	Service Characteristic Identification	O	>1	
					200	
Not Used	3030	PKG	Marking, Packaging, Loading	O	1	
Not Used	3050	MEA	Measurements	O	>1	
					200	
Not Used	3100	SCH	Line Item Schedule	O	1	n4
Not Used	3150	TD1	Carrier Details (Quantity and Weight)	O	2	
Not Used	3200	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
Not Used	3300	TD3	Carrier Details (Equipment)	O	12	
Not Used	3400	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
Not Used	3450	REF	Reference Identification	O	>1	
					1000	
Not Used	3500	N9	Reference Identification	O	1	

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Not Used	3550	DTM	Date/Time Reference	O	>1
Not Used	3600	MTX	Text	O	>1
Not Used	3650	PWK	Paperwork	O	>1
Not Used	3680	EFI	Electronic Format Identification	O	>1
LOOP ID - N1					200
Not Used	3700	N1	Name	O	1
Not Used	3800	N2	Additional Name Information	O	2
Not Used	3850	IN2	Individual Name Structure Components	O	>1
Not Used	3900	N3	Address Information	O	2
Not Used	4000	N4	Geographic Location	O	1
Not Used	4050	NX2	Location ID Component	O	>1
Not Used	4100	REF	Reference Identification	O	12
Not Used	4200	PER	Administrative Communications Contact	O	3
Not Used	4250	SI	Service Characteristic Identification	O	>1
Not Used	4260	DTM	Date/Time Reference	O	1
Not Used	4300	FOB	F.O.B. Related Instructions	O	1
Not Used	4350	SCH	Line Item Schedule	O	200
Not Used	4400	TD1	Carrier Details (Quantity and Weight)	O	2
Not Used	4500	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
Not Used	4600	TD3	Carrier Details (Equipment)	O	12
Not Used	4700	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
Not Used	4750	QTY	Quantity	O	>1
Not Used	4800	PKG	Marking, Packaging, Loading	O	25
LOOP ID - SLN					1000
Not Used	4900	SLN	Subline Item Detail	O	1
Not Used	4950	MTX	Text	O	>1
Not Used	5000	SI	Service Characteristic Identification	O	>1
Not Used	5100	PID	Product/Item Description	O	1000
Not Used	5200	PO3	Additional Item Detail	O	25
Not Used	5220	CTP	Pricing Information	O	25
Not Used	5230	PAM	Period Amount	O	10
Not Used	5300	ACK	Line Item Acknowledgment	O	104
LOOP ID - SAC					10
Not Used	5400	SAC	Service, Promotion, Allowance, or Charge Information	O	1
Not Used	5450	CUR	Currency	O	1
Not Used	5500	DTM	Date/Time Reference	O	10
Not Used	5540	PO4	Item Physical Details	O	1
Not Used	5570	TAX	Tax Reference	O	3
Not Used	5580	ADV	Advertising Demographic Information	O	>1
LOOP ID - QTY					>1
Not Used	5590	QTY	Quantity	O	1
Not Used	5610	SI	Service Characteristic Identification	O	>1
LOOP ID - N9					>1
Not Used	5630	N9	Reference Identification	O	1
Not Used	5640	DTM	Date/Time Reference	O	>1
Not Used	5650	MTX	Text	O	>1
LOOP ID - N1					10
Not Used	5760	N1	Name	O	1

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Not Used	5780	N2	Additional Name Information	O	2
Not Used	5790	IN2	Individual Name Structure Components	O	>1
Not Used	5800	N3	Address Information	O	2
Not Used	5900	N4	Geographic Location	O	1
Not Used	6000	NX2	Location ID Component	O	>1
Not Used	6100	REF	Reference Identification	O	12
Not Used	6200	PER	Administrative Communications Contact	O	3
Not Used	6250	SI	Service Characteristic Identification	O	>1

Summary:

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			LOOP ID - CTT			1	
18	0100	CTT	Transaction Totals	O	1		n5
Not Used	0200	AMT	Monetary Amount	O	1		n6
19	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. If AMT is used in the detail area, then AMT01 will = 1 and AMT02 will indicate total line amount as calculated by the sender.
4. 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.
5. 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.
6. If AMT is used in the summary area, then AMT01 will = TT and AMT02 will indicate total transaction amount as calculated by the sender.

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

- 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
- 2 The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition.

Comments:

Data Element Summary

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

Segment: **BAK** Beginning Segment for Purchase Order Acknowledgment

Position: 0200

Loop:

Level: Heading

Usage: Mandatory

Max Use: 1

Purpose: To indicate the beginning of the Purchase Order Acknowledgment Transaction Set and transmit identifying numbers and dates

Syntax Notes:

Semantic Notes:

- 1 BAK04 is the date assigned by the purchaser to purchase order.
- 2 BAK08 is the seller's order number.
- 3 BAK09 is the date assigned by the sender to the acknowledgment.

Comments:

Notes:

If BAK01 = 00, then BAK02 must = AK

If BAK01 = 01, then BAK02 must = RJ

If BAK01 = 19, then BAK02 must = AE

When acknowledging a retailer's purchase order with a cancellation, code 01 is used in BAK01 and code RJ is used in BAK02.

Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	BAK01	353	Transaction Set Purpose Code	M 1 ID 2/2
			Code identifying purpose of transaction set	
		00	Original	
		01	Cancellation	
			<i> Cancels the retailer's purchase order.</i>	
		19	Seller initiated change	
			<i> Changes the retailer's purchase order.</i>	
M	BAK02	587	Acknowledgment Type	M 1 ID 2/2
			Code specifying the type of acknowledgment	
		AE	Acknowledge - With Exception Detail Only	
			<i> Only transmit details of change.</i>	
		AK	Acknowledge - No Detail or Change	
		RJ	Rejected - No Detail	
M	BAK03	324	Purchase Order Number	M 1 AN 1/22
			Identifying number for Purchase Order assigned by the orderer/purchaser	
M	BAK04	373	Date	M 1 DT 8/8
			Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	
			<i> Date of the original purchase order.</i>	

Segment: **DTM** **Date/Time Reference**
Position: 1500
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:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
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	
			068 Current Schedule Ship	
			086 Scheduled for Shipment (Week of)	
			100 No Shipping Schedule Established as of	
	DTM02	373	Date	X 1 DT 8/8
			Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	

Segment: **N1** Name
Position: 3000
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: *If N101 = SF, the N102 = the senders name. N103 and N104 are not required.*

If N101 = BY, then N102 is the receiving facilities name, N103 = 9 or 92, N104 contains the facility number corresponding with the N103.

If the SDQ segment is used. ST will be used in N101 instead of BY.

Data Element Summary

Ref.	Data Element	Name	Attributes	
			M	1 ID 2/3
M	N101	98 Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual BY Buying Party (Purchaser) SF Ship From ST Ship To	M	1 ID 2/3
	N102	93 Name Free-form name	X	1 AN 1/60
	N103	66 Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix 92 Assigned by Buyer or Buyer's Agent	X	1 ID 1/2
	N104	67 Identification Code Code identifying a party or other code	X	1 AN 2/80

Segment: **PO1** **Baseline Item Data**
Position: 0100
Loop: PO1 Optional
Level: Detail
Usage: Optional
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.

Notes:

If BAK01 = 01 then, the PO1 Loop is not required.

If BAK01 = 19 then, the PO1 Loop "is" required.

If the PO1 Loop is used, PO106 and PO107 are required.

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>Line number from the AAFES Purchase Order.</i>	O 1 AN 1/20
PO102	330	Quantity Ordered Quantity ordered	X 1 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	O 1 ID 2/2
PO106	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) <i>If the PO1 Loop EXISTS, then set Usage to "MUST USE".</i>	X 1 ID 2/2
	EN	EAN/UCC - 13 Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN)	
	IB	International Standard Book Number (ISBN)	
	UA	U.P.C./EAN Case Code (2-5-5)	
	UK	EAN/UCC - 14 Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN)	
	UP	UCC - 12 Data structure for the 12 digit EAN.UCC (EAN	

International Uniform Code Council) Global Trade
Identification Number (GTIN). Also known as the
Universal Product Code (U.P.C.)
Vendor's Style Number

PO107	234	VA	Product/Service ID	X	1	AN 1/48
			Identifying number for a product or service			

- Segment:** **CTP Pricing Information**
- Position:** 0400
- Loop:** PO1 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 must be sent when a cost price discrepancy is noted.

Two iterations of the CTP segment is required.

1. To report the original cost price sent on the purchase order.
2. Vendor's cost price.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
CTP02	236	Price Identifier Code	X 1 ID 3/3
		Code identifying pricing specification	
		OPP Original Purchase Order Price	
		UCP Unit cost price	
CTP03	212	Unit Price	X 1 R 1/17
		Price per unit of product, service, commodity, etc.	
		<i>If CTP02 = "OPP" then CTP03 is the unit cost price sent on the AAFES PO.</i>	
		<i>If CTP02 = "UCP", then CTP03 is what the unit cost price should be per vendor.</i>	

- Segment:** **PO4** Item Physical Details
- Position:** 0900
- Loop:** PO1 Optional
- Level:** Detail
- Usage:** Optional
- Max Use:** >1
- Purpose:** To specify the physical qualities, packaging, weights, and dimensions relating to the item
- Syntax Notes:**
- 1 If either PO402 or PO403 is present, then the other is required.
 - 2 If PO405 is present, then PO406 is required.
 - 3 If either PO406 or PO407 is present, then the other is required.
 - 4 If either PO408 or PO409 is present, then the other is required.
 - 5 If PO410 is present, then PO413 is required.
 - 6 If PO411 is present, then PO413 is required.
 - 7 If PO412 is present, then PO413 is required.
 - 8 If PO413 is present, then at least one of PO410 PO411 or PO412 is required.
 - 9 If PO417 is present, then PO416 is required.
 - 10 If PO418 is present, then PO404 is required.
- Semantic Notes:**
- 1 PO415 is used to indicate the relative layer of this package or range of packages within the layers of packaging. Relative Position 1 (value R1) is the innermost package.
 - 2 PO416 is the package identifier or the beginning package identifier in a range of identifiers.
 - 3 PO417 is the ending package identifier in a range of identifiers.
 - 4 PO418 is the number of packages in this layer.
- Comments:**
- 1 PO403 - The "Unit or Basis for Measure Code" in this segment position is for purposes of defining the unit of measure of the "Size" identified in the PO402. For example: If the carton contains 24 12-Ounce packages, it would be described as follows: Data element 356 = "24"; Data element 357 = "12"; Data element 355 = "OZ".
 - 2 PO413 defines the unit of measure for PO410, PO411, and PO412.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
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	
PO414	810	Inner Pack	O 1 N0 1/6
		The number of eaches per inner container	

Segment: **SDQ** Destination Quantity
Position: 1900
Loop: PO1 Optional
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.*

Data Element Summary

Ref.	Data Element	Name	Attributes
M	SDQ01	355 Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	M 1 ID 2/2
	SDQ02	66 Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix 92 Assigned by Buyer or Buyer's Agent	O 1 ID 1/2
M	SDQ03	67 Identification Code Code identifying a party or other code	M 1 AN 2/80
M	SDQ04	380 Quantity Numeric value of quantity	M 1 R 1/15
	SDQ05	67 Identification Code Code identifying a party or other code	X 1 AN 2/80
	SDQ06	380 Quantity Numeric value of quantity	X 1 R 1/15
	SDQ07	67 Identification Code Code identifying a party or other code	X 1 AN 2/80
	SDQ08	380 Quantity Numeric value of quantity	X 1 R 1/15
	SDQ09	67 Identification Code Code identifying a party or other code	X 1 AN 2/80
	SDQ10	380 Quantity	X 1 R 1/15

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		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:** **ACK** Line Item Acknowledgment
- Position:** 2700
- Loop:** ACK Optional
- Level:** Detail
- Usage:** Optional
- Max Use:** 1
- Purpose:** To acknowledge the ordered quantities and specify the ready date for a specific line item
- Syntax Notes:**
- 1 If either ACK02 or ACK03 is present, then the other is required.
 - 2 If ACK04 is present, then ACK05 is required.
 - 3 If either ACK07 or ACK08 is present, then the other is required.
 - 4 If either ACK09 or ACK10 is present, then the other is required.
 - 5 If either ACK11 or ACK12 is present, then the other is required.
 - 6 If either ACK13 or ACK14 is present, then the other is required.
 - 7 If either ACK15 or ACK16 is present, then the other is required.
 - 8 If either ACK17 or ACK18 is present, then the other is required.
 - 9 If either ACK19 or ACK20 is present, then the other is required.
 - 10 If either ACK21 or ACK22 is present, then the other is required.
 - 11 If either ACK23 or ACK24 is present, then the other is required.
 - 12 If either ACK25 or ACK26 is present, then the other is required.
 - 13 If either ACK27 or ACK28 is present, then the other is required.
 - 14 If ACK28 is present, then both ACK27 and ACK29 are required.
- Semantic Notes:**
- 1 ACK29 Industry Reason Code may be used to identify the item status. In addition, it may be used in conjunction with ACK01 to further clarify the status.

Comments:

Notes:

This segment may be used to indicate that a line item has been accepted, deleted, or changed. Some product production cycles, such as furniture, are long and may have different ship dates than the original purchase order. This segment may be used to inform the originator of the current ship date or that ship date has been scheduled.

If the PO1 Loop is used, the ACK Loop is required.

If ACK01 = IC, and quantity changes are to be made, then ACK02 and ACK03 must be used.

If ACK01 = IC, and shipping dates are the only change, ACK02 and 03 will not be required. ACK04 and 05 will be required. Ship dates for each line of the purchase order must be the same unless the AAFES buyer has Approved backorders.

Data Element Summary

Ref.	Data Element	Name	Attributes
M	ACK01	668 Line Item Status Code	M 1 ID 2/2
		Code specifying the action taken by the seller on a line item requested by the buyer	
		IA Item Accepted	
		IC Item Accepted - Changes Made	
		ID Item Deleted	
		<i>Cancellation of a line item.</i>	
		IE Item Accepted, Price Pending	
	ACK02	380 Quantity	X 1 R 1/15
		Numeric value of quantity	
		<i>Quantity which the change effects, i.e., the quantity that applies to the dates sent in ACK04 and ACK05.</i>	
	ACK03	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	
	ACK04	374 Date/Time Qualifier	O 1 ID 3/3

Segment: **CTT** Transaction Totals
Position: 0100
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 <i>The number of POI segments present in the transaction set.</i>	M 1 N0 1/6

Segment: **SE** Transaction Set Trailer

Position: 0300

Loop:

Level: Summary

Usage: Mandatory

Max Use: 1

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Syntax Notes:

Semantic Notes:

Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>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 1 N0 1/10
M	SE02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M 1 AN 4/9