

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.

Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
Mand	010	ST	Transaction Set Header	M	1		
Mand	020	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1		
						200	
Mand	300	N1	Name	M	1		

Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
						100000	
Mand	010	PO1	Baseline Item Data	M	1		n1
						104	
Mand	270	ACK	Line Item Acknowledgment	M	1		
						200	
Mand	370	N1	Name	M	1		

Summary:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
						1	
Mand	010	CTT	Transaction Totals	M	1		n2
Mand	030	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. PO102 is required.
2. 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.

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:
Notes: Example: ST*855*0001

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set Refer to 004010 Data Element Dictionary for acceptable code values.	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: **BAK** Beginning Segment for Purchase Order Acknowledgment
Position: 020
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:
Notes:

Example: BAK*00*AC*1234567*20021225

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	BAK01	353	Transaction Set Purpose Code Code identifying purpose of transaction set 00 Original	M ID 2/2
M	BAK02	587	Acknowledgment Type Code specifying the type of acknowledgment AC Acknowledge - With Detail and Change	M ID 2/2
M	BAK03	324	Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser	M AN 1/22
M	BAK04	373	Date - PO Order Date Date expressed as CCYYMMDD	M DT 8/8

Segment: N1 Name
Position: 300
Loop: N1 Mandatory
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.
Notes: Example: N1*ST**ZZ*storenum
 Example: N1*VN**ZZ*vendorum

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	
		ST Ship To	
		VN Vendor	
	N103	66 Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
		ZZ Mutually Defined	
	N104	67 Identification Code - store number or vendor number	X AN 2/80
		Code identifying a party or other code	

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.

Notes: Example: PO1*1*22***VP*9876543*MD*02

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
PO101	350	Assigned Identification - PO Line Number Alphanumeric characters assigned for differentiation within a transaction set	O AN 1/20
PO102	330	Quantity Ordered Quantity ordered	X R 1/15
PO106	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) VP Vendor's (Seller's) Part Number	X ID 2/2
PO107	234	Product/Service ID - Vendor Part Number 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) MD Method of Delivery Code	X ID 2/2
PO109	234	Product/Service ID - Delivery Type Identifying number for a product or service 01 ship in 3-5 business days 02 ship next business day	X AN 1/48

Segment: **ACK** Line Item Acknowledgment
Position: 270
Loop: ACK Mandatory
Level: Detail
Usage: Mandatory
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.

Notes:

Example: ACK*IA*15*EA
Example: ACK*IR*0*EA

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
M	ACK01	668 Line Item Status Code	M ID 2/2
		Code specifying the action taken by the seller on a line item requested by the buyer	
		Use IA when filled quantity equals ordered quantity	
		Use IR when ordered quantity can not be completely filled	
		IA Item Accepted	
		IR Item Rejected	
	ACK02	380 Quantity - Filled Quantity or Zero	X R 1/15
		Numeric value of quantity	
		If ACK-01 = 'IA', ACK-02 should equal ordered quantity	
		If ACK-01 = 'IR', ACK-02 should be set to zero	
	ACK03	355 Unit or Basis for Measurement Code	X ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		EA Each	

Segment: N1 Name
Position: 370
Loop: N1 Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.
Notes: Example: N1*MF**92*XYZ

Data Element Summary

Ref.	Data Element	Name	Attributes
M	N101	Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		MF Manufacturer of Goods	
	N103	Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
		92 Assigned by Buyer or Buyer's Agent	
	N104	Identification Code - Manufacturer Code	X AN 2/80
		Code identifying a party or other code	

Segment: **CTT** Transaction Totals
Position: 010
Loop: CTT Mandatory
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set
Syntax Notes: 1 If either CTT03 or CTT04 is present, then the other is required.
 2 If either CTT05 or CTT06 is present, then the other is required.
Notes: Example: CTT*4

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M	<u>Des.</u> CTT01	<u>Element</u> 354 <u>Name</u> Number of Line Items	M NO 1/6
		Total number of line items in the transaction set	

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:

Notes: Example: SE*11*0001

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 NO 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