

# 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. Please note **the Product Qualifier code used in the 855 transaction must match the Qualifier Code used in the EDI 850 transaction sent by AmerisourceBergen (ABC).**

## Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
1	010	ST	Transaction Set Header	M	1		
3	020	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1		
4	150	DTM	Date/Time Reference	O	10		
LOOP ID - N1						200	
5	300	N1	Name	O	1		

## Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
LOOP ID - PO1						100000	
6	010	PO1	Baseline Item Data	O	1		n1
LOOP ID - ACK						104	
7	270	ACK	Line Item Acknowledgment	O	1		

## Summary:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
LOOP ID - CTT						1	
9	010	CTT	Transaction Totals	O	1		n2
10	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:**  
**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:**  
**Notes:** Example: ST|855|1001~

**Data Element Summary**

<u>User</u>	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Des.</u>	<u>Element</u>		
M	ST01	143	<b>Transaction Set Identifier Code</b> Code uniquely identifying a Transaction Set	M ID 3/3
M	ST02	329	<b>Transaction Set Control Number</b> 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:**

**Semantic Notes:** 1 BAK04 is the date assigned by the purchaser to purchase order.  
 2 BAK09 is the date assigned by the sender to the acknowledgment.

**Comments:**

**Notes:** Example: BAK|00|AC|ABC12345|20150901|||||20150901~

**Data Element Summary**

<u>User</u>	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Des.</u>	<u>Element</u> <u>Name</u>	
M	BAK01	353 <b>Transaction Set Purpose Code</b> Code identifying purpose of transaction set 00 Original	M ID 2/2
M	BAK02	587 <b>Acknowledgment Type</b> Code specifying the type of acknowledgment AC Acknowledge - With Detail and Change AD Acknowledge - With Detail, No Change RD Reject with Detail	M ID 2/2
M	BAK03	324 <b>Purchase Order Number</b> Assigned by ABC in Transaction 850-BEG03	M AN 1/22
M	BAK04	373 <b>Date</b> Purchase order date assigned by ABC in Transaction 850-BEG05 Format is CCYYMMDD	M DT 8/8
	BAK09	373 <b>Date</b> Date order loaded to the supplier's application system. Assigned by supplier. Format is CCYYMMDD	O DT 8/8

**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:** Example: DTM|067|20150930~

**Data Element Summary**

<u>User</u>	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Des.</u>	<u>Element</u>		
M	DTM01	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time	
			067 Current Schedule Delivery	
	DTM02	373	Date	X DT 8/8
			Date expressed as CCYYMMDD	

**Segment:** **N1** Name  
**Position:** 300  
**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:** Example: N1|ST|ABC CHICAGO DIVISION|11|RA0322824~

**Data Element Summary**

<u>User</u>	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u> M	<u>Des.</u> N101	<u>Element</u> 98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual ST Ship To	<b>M ID 2/3</b>
	N102	93	<b>Name</b> Free-form name	<b>X AN 1/60</b>
	N103	66	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67) 1 D-U-N-S Number, Dun & Bradstreet 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix 11 Drug Enforcement Administration (DEA) 21 Health Industry Number (HIN) ZZ Mutually Defined	<b>X ID 1/2</b>
	N104	67	<b>Identification Code</b> Code identifying a party or other code	<b>X AN 2/80</b>

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

**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:** Example: PO1|1|10|CA|72.95||ND|1234567890~

**Data Element Summary**

<u>User Attribute</u>	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
	PO101	350	<b>Assigned Identification</b> The line item identification number as provided by the ABC in the 850-PO101	O AN 1/20
	PO102	330	<b>Quantity Ordered</b> The quantity provided by the ABC in the 850-PO102.	X R 1/15
	PO103	355	<b>Unit or Basis for Measurement Code</b> The basis for measurement code provided by the ABC in the 850-PO103 CA Case DE Deal DZ Dozen EA Each PK Package	O ID 2/2
	PO104	212	<b>Unit Price</b> Price per unit of product, service, commodity, etc.	X R 1/17
	PO106	235	<b>Product/Service ID Qualifier</b> The qualifier provided by the ABC in the 850-PO106 ND National Drug Code (NDC) NH National Health Related Item Code UI U.P.C. Consumer Package Code (1-5-5) UN U.P.C. Case Code Number (1-1-5-5) VC Vendor's (Seller's) Catalog Number	X ID 2/2
	PO107	234	<b>Product/Service ID</b> Identifying number for a product or service	X AN 1/48

**Segment:** **ACK** Line Item Acknowledgment  
**Position:** 270  
**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.

**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:** Example: ACK|IA|10|CA|067|20150930||ND|1234567890~

**Data Element Summary**

<u>User</u>	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Des.</u>	<u>Element</u>		
M	ACK01	668	<b>Line Item Status Code</b> Code specifying the action taken by the seller on a line item requested by the buyer IA Item Accepted IB Item Backordered IR Item Rejected	M ID 2/2
	ACK02	380	<b>Quantity</b> Numeric value of quantity	X R 1/15
	ACK03	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken CA Case DE Deal DZ Dozen EA Each PK Package	X ID 2/2
	ACK04	374	<b>Date/Time Qualifier</b> Current schedule delivery date. 067 Current Schedule Delivery	O ID 3/3
	ACK05	373	<b>Date</b> Date expressed as CCYYMMDD	X DT 8/8
	ACK07	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234). <b>The Product Qualifier code used here must match the code used in the EDI 850 transaction sent by AmerisourceBergen.</b> LT Lot Number MF Manufacturer N1 National Drug Code in 4-4-2 Format N2 National Drug Code in 5-3-2 Format N3 National Drug Code in 5-4-1 Format N4 National Drug Code in 5-4-2 Format N5 National Health Related Item Code in 5-5 Format N6 National Health Related Item Code in 4-6 Format ND National Drug Code (NDC)	X ID 2/2

NH National Health Related Item Code  
UA U.P.C./EAN Case Code (2-5-5)  
UK U.P.C./EAN Shipping Container Code (1-2-5-5-1)  
UP U.P.C. Consumer Package Code (1-5-5-1)  
UX Universal Product Number  
VC Vendor's (Seller's) Catalog Number

**ACK08 234 Product/Service ID X AN 1/48**  
Identifying number for a product or service



**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.  
**Notes:** Example: CTT|1~

**Data Element Summary**

<u>User</u>	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Des.</u>	<u>Element</u>		
M	CTT01	354	Number of Line Items	M N0 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:**

**Semantic Notes:**

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

**Notes:** Example: SE|08|1001~

**Data Element Summary**

<u>User</u>	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Des.</u>	<u>Element</u> <u>Name</u>	
M	SE01	96 <b>Number of Included Segments</b>	M N0 1/10
		Total number of segments included in a transaction set including ST and SE segments	
M	SE02	329 <b>Transaction Set Control Number</b>	M AN 4/9
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	

**SAMPLE EDI DATA:**

ST|855|1001~

BAK|00|AC|ABC12345|20150901|||20150901~

DTM|067|20150930~

N1|ST|ABC CHICAGO DIVISION|11|RA0322824~

PO1|1|10|CA|72.95||ND|1234567890~

ACK|IA|10|CA|067|20150930||ND|1234567890~

CTT|1~

SE|08|1001~