

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 and Product ID used in the 855 transaction, must match the Qualifier Code and Product ID used in the EDI 850 transaction sent by AmerisourceBergen (AB).**

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	M	1		n1
LOOP ID - ACK						104	
7	270	ACK	Line Item Acknowledgment	M	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> M	<u>Des.</u> ST01	<u>Element</u> 143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set	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:

- 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:

- 1 **If items are backordered (BAK|06) is used estimated delivery date is required in ACK04/05.**

Notes:

Example: BAK|00|AC|AB12345|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>	<u>M</u> <u>ID</u> <u>2/2</u>
M	BAK01	353 Transaction Set Purpose Code Code identifying purpose of transaction set 00 Original 06 Confirmation Used when a backorder notification has been sent but now the product is available. <i>*If used, must also use BAK02 Acknowledgement Type AC</i>	
M	BAK02	587 Acknowledgment Type 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 Purchase Order Number Assigned by AB in Transaction 850-BEG03	M AN 1/22
M	BAK04	373 Date Purchase order date assigned by AB in Transaction 850-BEG05 Format is CCYYMMDD	M DT 8/8
	BAK09	373 Date Date order loaded to the supplier's application system. Assigned by supplier. Format is CCYYMMDD	0 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.

Comments:

- 1 **Header DTM is default preference if all items have same delivery date. If items have different delivery dates utilize DTM in ACK04/05 and omit this Header DTM.**

Notes: Example: DTM|067|20150930~

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>	<u>M</u> <u>ID</u> <u>3/3</u>
M	DTM01	374 Date/Time Qualifier Code specifying type of date or time, or both date and time 067 Current Schedule Delivery	
	DTM02	373 Date Date expressed as CCYYMMDD	X DT 8/8

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|AB 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>	<u>Des.</u>	<u>Element</u>		
M	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual ST Ship To SU Supplier/Manufacturer BS Bill To and Ship To	M ID 2/3
	N102	93	Name Free-form name	X AN 1/60
	N103	66	Identification Code Qualifier 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) 91 Unique ID UL GLN/UCC/EAN Location Code	X ID 1/2
	N104	67	Identification Code Code identifying a party or other code	X AN 2/80

PO1 Baseline Item Data

Segment: 010
Position: PO1 Mandatory
Loop: Detail
Level: Mandatory
Usage: 1
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.
 - 4 **If price change in ACK01 new price must be used in PO104**
 - 5 **The Product Qualifier Code and Product ID used here, must match the code used in the EDI 850 transaction sent by AmerisourceBergen.**

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	Assigned Identification	M AN 1/20
			The line item identification number as provided by the AB in the 850-PO101	
	PO102	330	Quantity Ordered	M R 1/15
			The quantity provided by the AB in the 850-PO102.	
	PO103	355	Unit or Basis for Measurement Code	M ID 2/2
			The basis for measurement code provided by the AB in the 850 -PO103	
			CA	Case
			DE	Deal
			DZ	Dozen
			EA	Each
			PK	Package
	PO104	212	Unit Price	C R 1/17
			Price per unit of product, service, commodity, etc.	
	PO106	235	Product/Service ID Qualifier	M ID 2/2
			The qualifier provided by the AB in the 850-PO106	

- LT Lot Number 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)
- 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) U.P.C.
UN Case Code Number (1-1-5-5)
UX Universal Product Number
VC Vendor's (Seller's) Catalog Number

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

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.

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:

1. **The Product Qualifier Code and Product ID used here, must match the code used in the EDI 850 transaction sent by AmerisourceBergen.**
2. **If unable to identify specific change level prioritize ACK01 codes IA, IB, IR.**

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

Data Element Summary

<u>User Attribute</u>	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	ACK01	668	Line Item Status Code Code specifying the action taken by the seller on a line item requested by the buyer BP Item Accepted - Partial Shipment, Balance Backordered ID Item Deleted IH Item on Hold IP Item Accepted - Price Changed IQ Item Accepted - Quantity Changed R1 Item Rejected, Not a Contract Item R2 Item Rejected, Invalid Item Product Number R3 Item Rejected, Invalid Unit of Issue R4 Item Rejected, Contract Item not Available IA Item Accepted IB Item Backordered IR Item Rejected	M ID 2/2
	ACK02	380	Quantity Numeric value of quantity	M R 1/15
	ACK03	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 CA Case DE Deal DZ Dozen EA Each PK Package	M ID 2/2
	ACK04	374	Date/Time Qualifier Current schedule delivery date. 067 Current Schedule Delivery	O ID 3/3
	ACK05	373	Date	X DT 8/8

Date expressed as CCYYMMDD

ACK07 **235** **Product/Service ID Qualifier** **M ID 2/2**

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

- LT Lot Number 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)
- 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) U.P.C.
- UN Case Code Number (1-1-5-5)
- UX Universal Product Number
- VC Vendor's (Seller's) Catalog Number

ACK08 **234** **Product/Service ID** **M 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>Attributes</u>
<u>Attribute</u>	<u>Des.</u>	<u>Element</u> <u>Name</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.

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 Number of Included Segments	M N0 1/10
		Total number of segments included in a transaction set including ST and SE segments	
M	SE02	329 Transaction Set Control Number	M 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 EDL DATA:

ST|855|1001~

BAK|00|AC|AB12345|20150901|||||20150901~

DTM|067|20150930~

N1|ST|AB 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~