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

User Attribute	Ref. Des.	Data Element	Name	Attributes
M	ST01	143	**Transaction Set Identifier Code**	M ID 3/3
			Code uniquely identifying a Transaction Set	
M	ST02	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	

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

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

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

User Attribute	Ref. Des.	Data Element	Name	Attributes	
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

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

User Attribute	Ref. Des.	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		
	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)		
			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		
	N104	67	**Identification Code**	X	AN 2/80
			Code identifying a party or other code		

| | | | Segment: | **PO1** Baseline Item Data |

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

User Attribute	Ref. Des.	Data Element	Name		Attributes
	PO101	350	**Assigned Identification**	O	**AN 1/20**
			The line item identification number as provided by the ABC in the850-PO101		
	PO102	330	**Quantity Ordered**	X	**R 1/15**
			The quantity provided by the ABC in the 850-PO102.		
	PO103	355	**Unit or Basis for Measurement Code**	O	**ID 2/2**
			The basis for measurement code provided by the ABC in the 850-PO103		
			CA Case		
			DE Deal		
			DZ Dozen		
			EA Each		
			PK Package		
	PO104	212	**Unit Price**	X	**R 1/17**
			Price per unit of product, service, commodity, etc.		
	PO106	235	**Product/Service ID Qualifier**	X	**ID 2/2**
			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		
	PO107	234	**Product/Service ID**	X	**AN 1/48**
			Identifying number for a product or service		

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

User Attribute	Ref. Des.	Data Element	Name		Attributes
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		

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

	ACK02	380	**Quantity**	X	**R 1/15**
			Numeric value of quantity		
	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		

CA	Case
DE	Deal
DZ	Dozen
EA	Each
PK	Package

	ACK04	374	**Date/Time Qualifier**	O	**ID 3/3**
			Current schedule delivery date.		
			067 Current Schedule Delivery		
	ACK05	373	**Date**	X	**DT 8/8**
			Date expressed as CCYYMMDD		
	ACK07	235	**Product/Service ID Qualifier**	X	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234). The Product Qualifier code used here must match the code used in the EDI 850 transaction sent by		

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)	
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

User Attribute	Ref. Des.	Data Element	Name	Attributes
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**

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

User Attribute	Ref. Des.	Data Element	Name	Attributes	
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 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~