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:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	010	ST	Transaction Set Header	M	1		
M	020	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1		
			LOOP ID - N1			200	
	300	N1	Name	O	1		
	320	N3	Address Information	O	2		
	330	N4	Geographic Location	O	1		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - PO1			100000	
	010	PO1	Baseline Item Data	O	1		n1
			LOOP ID - PID			1000	
	050	PID	Product/Item Description	O	1		
			LOOP ID - ACK			104	
	270	ACK	Line Item Acknowledgment	O	1		

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - CTT			1	
	010	CTT	Transaction Totals	O	1		n2
M	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

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:				

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**ST01**	**143**	**Transaction Set Identifier Code**	**M ID 3/3**
			Code uniquely identifying a Transaction Set	
			855 Purchase Order Acknowledgment	
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.
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	BAK01	353	**Transaction Set Purpose Code**	M	ID 2/2
			Code identifying purpose of transaction set		
			06 Confirmation		
M	BAK02	587	**Acknowledgment Type**	M	ID 2/2
			Code specifying the type of acknowledgment		
			AC Acknowledge - With Detail and Change		
M	BAK03	324	**Purchase Order Number**	M	AN 1/22
			Identifying number for Purchase Order assigned by the orderer/purchaser		
M	BAK04	373	**Date**	M	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.	

Data Element Summary

	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

SE		Selling Party
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)

9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix
11	Drug Enforcement Administration (DEA)
91	Assigned by Seller or Seller's Agent
92	Assigned by Buyer or Buyer's Agent

N104	67	**Identification Code**	X AN 2/80

Code identifying a party or other code

Segment: # N3 Address Information

Position: 320
Loop: N1   Optional
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	N301	166	**Address Information**	M AN 1/55
			Address information	

Segment:	**N4** Geographic Location
Position:	330
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	
Semantic Notes:	
Comments:	**1** A combination of N401 through N403 may be adequate to specify a location.
	2 N402 is required only if city name (N401) is in the U.S. or Canada.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
N401	**19**	**City Name**	**O AN 2/30**
		Free-form text for city name	
N402	**156**	**State or Province Code**	**O ID 2/2**
		Code (Standard State/Province) as defined by appropriate government agency	
N403	**116**	**Postal Code**	**O ID 3/15**
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	

				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 either PO106 or PO107 is present, then the other is required.
                    3   If either PO108 or PO109 is present, then the other is required.
                    4   If either PO110 or PO111 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 PO111 provide for three different product/service IDs per each item.
                    For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
	PO101	350	Assigned Identification	O	AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set		
M	PO102	330	Quantity Ordered	M	R 1/15
			Quantity ordered		
	PO103	355	Unit or Basis for Measurement Code	O	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		
			UN Unit		
	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
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			UI U.P.C. Consumer Package Code (1-5-5)		
	PO107	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
	PO108	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			N4 National Drug Code in 5-4-2 Format		
			5-digit manufacturer ID, 4-digit product ID, 2-digit trade package size		
	PO109	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
	PO110	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			VC Vendor's (Seller's) Catalog Number		
	PO111	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		

Segment: **PID** Product/Item Description
Position: 050
Loop: PID Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To describe a product or process in coded or free-form format
Syntax Notes: 1 PID05 is required.
Semantic Notes:
Comments: 1 If PID01 equals "F", then PID05 is used.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
M PID01	349	**Item Description Type**	**M ID 1/1**
		Code indicating the format of a description	
		F Free-form	
PID05	352	**Description**	**X AN 1/80**
		A free-form description to clarify the related data elements and their content	

	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.
	Semantic Notes:	
	Comments:	

Data Element Summary

	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		
			IA	Item Accepted	
			IQ	Item Accepted - Quantity Changed	
			IR	Item Rejected	
			IS	Item Accepted - Substitution Made	
	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		
			EA	Each	
	ACK07	235	**Product/Service ID Qualifier**	**O**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			UI	U.P.C. Consumer Package Code (1-5-5)	
	ACK08	234	**Product/Service ID**	**O**	**AN 1/48**
			Identifying number for a product or service		
	ACK09	235	**Product/Service ID Qualifier**	**O**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			N4	National Drug Code in 5-4-2 Format	
				5-digit manufacturer ID, 4-digit product ID, 2-digit trade package size	
	ACK10	234	**Product/Service ID**	**O**	**AN 1/48**
			Identifying number for a product or service		
	ACK11	235	**Product/Service ID Qualifier**	**O**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			VC	Vendor's (Seller's) Catalog Number	
	ACK12	234	**Product/Service ID**	**O**	**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:				
Semantic Notes:				
Comments:	**1**	This segment is intended to provide hash totals to validate transaction completeness and correctness.		

Data Element Summary

	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**
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.

Data Element Summary

	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		