



855 Purchase Order Acknowledgment

Functional Group ID=**PR**

Introduction:

This Standard 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 using ANSI X12 version 4010. 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.

Revision History:

Change History –

- 8/23/07 – Added clarification on the number of digits for EAN number
 - Effective 6/18/07
 - Qualifiers 063/064 in the DTM segment will be replaced with qualifiers 037/038
- Effective 12/5/05
 - a. Change functionality of 855 from Header level only to include Item level
 - b. Removed qualifier AK from BAK02
 - c. Added EAN number to PO1 segment
 - d. Move Vendor number from N1(SU) to new REF(IA). Removed N1(SU) loop and added REF occurrence at PO Header.
 - e. Added N9 loop and MSG segment for text communication
- 2/16/04
 - a. Changed DTM qualifiers from 037 to 064 and 038 to 063
- 4/22/03
 - a. Corrected REF(PS) min/max from 1/3 to 1/4

Heading:

	Pos.	Seg.	Req.	Loop	Notes and	
	No.	ID	Des.	Max.Use	Repeat	
		Name			Comments	
M	010	ST	Transaction Set Header	M	1	
M	020	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1	
M	050	REF	Reference Identification	M	1	
	080	FOB	F.O.B. Related Instructions	O	1	
	130	ITD	Terms of Sale/Deferred Terms of Sale	O	1	
	150	DTM	Date/Time Reference	O	2	
			LOOP ID - N9		1	
	280	N9	Reference Identification	O	1	
M	290	MSG	Message Text	M	1	

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Detail:

			LOOP ID - PO1			650
010	PO1		Baseline Item Data	O	1	
			LOOP ID - PID			3
050	PID		Product/Item Description	O	1	
			LOOP ID - ACK			104
M	270	ACK	Line Item Acknowledgment	M	1	

Summary:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
		LOOP ID - CTT			1	
M	010	CTT	Transaction Totals	O	1	n1
M	030	SE	Transaction Set Trailer	M	1	

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).

Data Element Summary

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

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</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 AE Acknowledge – With Exception Detail Only RJ Reject – No Detail	M ID 2/2
M	BAK03	324	Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser	M AN 1/8
M	BAK04	373	Date Date expressed as CCYYMMDD	M DT 8/8
	BAK09	373	Date Date expressed as CCYYMMDD	O DT 8/8

Segment: **REF** Reference Identification
Position: 050
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To specify identifying information
Syntax Notes:
Semantic Notes:
Comments:
Notes: **This is the Gander Mountain assigned Supplier vendor number**

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification IA Vendor Number	M ID 2/2
M	REF02	127	Description Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 2/10

Segment: **FOB** F.O.B. Related Instructions
Position: 080
Loop:
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify transportation instructions relating to shipment
Syntax Notes:
Semantic Notes: 1 FOB01 indicates which party will pay the carrier.
Comments:

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	FOB01	146 Shipment Method of Payment	M ID 2/2
		Code identifying payment terms for transportation charges	
		CC Collect	
		CF Collect, Freight Credited Back to Customer	
		DF Defined by Buyer and Seller	
		MX Mixed	
		PC Prepaid but Charged to Customer	
		PO Prepaid Only	
		PP Prepaid (by Seller)	

Segment: **ITD** Terms of Sale/Deferred Terms of Sale
Position: 130
Loop:
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify terms of sale
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	ITD12	352	Description	M AN 1/80
			A free-form description to clarify the related data elements and their content	

Segment: **DTM** Date/Time Reference
Position: 150
Loop:
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify pertinent dates and times
Syntax Notes:
Semantic Notes:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</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	
			037 Ship Not Before	
			038 Ship No Later	
M	DTM02	373	Date	M DT 8/8
			Date expressed as CCYYMMDD	

Segment: **N9 Reference Identification**
Position: 280
Loop: N9 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M	N901	128	Reference Identification Qualifier Code qualifying the Reference Identification ZZ Mutually Defined	M ID 2/3
M	N903	369	Free-form Description Free-form descriptive text	M AN 1/45

Segment: **MSG** Message Text
Position: 290
Loop: N9 Optional
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To provide a free-form format that allows the transmission of text information

Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
M	MSG01	933 Free-Form Message Text Free-form message text	M AN 1/264

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.
- 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.

Semantic Notes:

Comments:

Notes: EAN number must be 13 digits

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	PO102	330	Quantity Ordered Quantity ordered	M R 1/7
M	PO103	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 EA Each	M ID 2/2
	PO104	212	Unit Price Price per unit of product, service, commodity, etc.	O R 1/12
M	PO106	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) EN European Article Number (EAN) (2-5-5-1) SK Stock Keeping Unit (SKU) UP U.P.C. Consumer Package Code (1-5-5-1)	M ID 2/2
M	PO107	234	Product/Service ID Identifying number for a product or service	M AN 1/13
	PO108	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) EN European Article Number (EAN) (2-5-5-1) SK Stock Keeping Unit (SKU) UP U.P.C. Consumer Package Code (1-5-5-1) VN Vendor's (Seller's) Item Number	X ID 2/2
	PO109	234	Product/Service ID Identifying number for a product or service	X AN 1/30

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)		
		EN		European Article Number (EAN) (2-5-5-1)
		SK		Stock Keeping Unit (SKU)
		UP		U.P.C. Consumer Package Code (1-5-5-1)
		VN		Vendor's (Seller's) Item Number
PO111	234	Product/Service ID	X	AN 1/30
		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:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	PID01	349	Item Description Type Code indicating the format of a description F Free-form	M ID 1/1
M	PID02	750	Product/Process Characteristic Code Code identifying the general class of a product or process characteristic 08 Product 73 Vendor color description 74 Vendor size description	M ID 2/3
M	PID05	352	Description A free-form description to clarify the related data elements and their content (08) Product Description must be used	M AN 1/62

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.

Semantic Notes:
Comments:

Notes:
 If ACK01= IB or DR, ACK04 and 05 are required
 If ACK01 = IB or IQ, ACK02 and 03 are required
 If ACK01 = IP, new price for this item must be sent in PO104
 If ACK01 = IS, substitute vendor Item number must be sent in the PO1 segment, qualifier VN

Data Element Summary

Ref.	Data			
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</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	
			DR	Item Accepted - Date Rescheduled
			IB	Item Backordered
			IP	Item Accepted - Price Changed
			IQ	Item Accepted - Quantity Changed
			IR	Item Rejected
			IS	Item Accepted - Substitution Made
			R2	Item Rejected, Invalid Item Product Number
	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
	ACK04	374	Date/Time Qualifier	O ID 3/3
			Code specifying type of date or time, or both date and time	
			067	Current Schedule Delivery
			068	Current Schedule Ship
	ACK05	373	Date	X DT 8/8
			Date expressed as CCYYMMDD	

Segment: **CTT** Transaction Totals
Position: 010
Loop: CTT Optional
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</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:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M N0 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