

# 855 Purchase Order Acknowledgment / Version 4010

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:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
M	010	ST	Transaction Set Header	M	1		
M	020	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1		
	050	REF	Reference Identification	O	>1		
	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
			LOOP ID – N1			200	
	300	N1	Name	O	1		
	320	N3	Address Information	O	2		
	330	N4	Geographic Location	O	1		

## Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
			LOOP ID – PO1			100000	
	010	PO1	Baseline Item Data	O	1		
	040	CTP	Pricing Information	O	>1		
			LOOP ID – ACK			104	
	270	ACK	Line Item Acknowledgment	O	1		
			LOOP ID – SCH			200	
	310	SCH	Line Item Schedule	O	1		

## Summary:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
			LOOP ID – CTT			1	
	010	CTT	Transaction Totals	O	1		
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. 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:**

**Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	<b>Transaction Set Identifier Code</b> Code uniquely identifying a Transaction Set 855 Purchase Order Acknowledgment	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 BAK08 is the seller's order number.
- 3 BAK09 is the date assigned by the sender to the acknowledgment.

**Comments:**
**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	BAK01	353	<b>Transaction Set Purpose Code</b> Code identifying purpose of transaction set	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	M ID 2/2
M	BAK03	324	<b>Purchase Order Number</b> Identifying number for Purchase Order assigned by the orderer/purchaser	M AN 1/22
M	BAK04	373	<b>Date</b> Date expressed as CCYYMMDD Creation date for the 855	M DT 8/8

**Segment:** **REF** Reference Identification  
**Position:** 050  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

**Semantic Notes:**

- 1 REF04 contains data relating to the value cited in REF02.

**Comments:**

#### Data Element Summary

Ref. Des.	Data Element	Name	Attributes
REF01	128	Reference Identification Qualifier	M ID 2/3
		Code qualifying the Reference Identification	
		CR Contract Number	
		2I Tracking Number	
REF02	127	Reference Identification	X AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
		Motion Industries order control number (OCN) is used with the CR qualifier	

<b>Segment:</b>	<b>TD5</b> Carrier Details (Routing Sequence/Transit Time)
<b>Position:</b>	120
<b>Loop:</b>	HL (Shipment)
<b>Level:</b>	Detail:
<b>Usage:</b>	Optional
<b>Max Use:</b>	12
<b>Purpose:</b>	To specify the carrier and sequence of routing and provide transit time information
<b>Syntax Notes:</b>	<b>1</b> At least one of TD502 or TD506 is required. <b>2</b> If TD502 is present, then TD503 is required.
<b>Semantic Notes:</b>	
<b>Comments:</b>	<b>1</b> When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

#### Data Element Summary

Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>	
TD0501	133	<b>Routing Sequence Code</b>		<b>O</b>	<b>ID 1/2</b>
		Code describing relationship of a carrier to a specific shipment movement			
		B	Origin/Delivery Carrier		
M	TD0502	66	<b>Identification Code</b>	<b>C</b>	<b>ID 1/2</b>
		Code identifying a party or other code			
		2	SCAC (Standard Carrier Alpha Code)		
M	TD503	67	<b>Identification Code</b>	<b>C</b>	<b>AN 2/80</b>
		Code identifying a party of other code			
		SCAC code			
M	TD504	91	<b>Identification Code</b>	<b>C</b>	<b>ID 1/2</b>
		Code specifying the method or type of transportation for the shipment			
		M	Motor		
		A	Air		
M	TD505	387	<b>Routing</b>	<b>C</b>	<b>AN 1/35</b>
		Free-form description of the routing of requested routing for shipment, or the originating carrier's identity			

**Segment:** **N1** Name  
**Position:** 220  
**Loop:** HL (Shipment)  
**Level:** Detail  
**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

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N101	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual ST Ship to SF Ship from SU Supplier	M ID 2/3
M	N102	93	<b>Name</b> Free-form name	C AN 1/60
M	N103	66	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification 92 Assigned by Buyer or Buyer's agent	C ID 1/2
M	N104	67	<b>Identification Code</b> Code identifying a party or other code Comments: <ul style="list-style-type: none"> <li>In the N1 ship-to loop, this code must be the branch number.</li> <li>Ex. AL09, CA78, EC01...</li> </ul>	C AN 2/80

**Segment:** **N3** Address Information  
**Position:** 090  
**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**

	<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
	<b><u>Des.</u></b>	<b><u>Element</u></b>		
M	N301	166	<b>Address Information</b> Address information	M AN 1/55
M	N302	166	<b>Address Information</b> Address information	O AN 1/55

**Segment:** **N4** Geographic Location  
**Position:** 100  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the geographic place of the named party  
**Syntax Notes:** 1 If N406 is present, then N405 is required.  
**Semantic Notes:**  
**Comments:** 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.  
 2 N402 is required only if city name (N401) is in the USA or Canada.

#### Data Element Summary

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



<b>Segment:</b>	<b>PO1</b>	<b>Baseline Item Data</b>
<b>Position:</b>	010	
<b>Loop:</b>	PO1	Optional
<b>Level:</b>	Detail	
<b>Usage:</b>	Optional	
<b>Max Use:</b>	1	
<b>Purpose:</b>	To specify basic and most frequently used line item data	
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 If PO103 is present, then PO102 is required.</li> <li>2 If PO105 is present, then PO104 is required.</li> <li>3 If either PO106 or PO107 is present, then the other is required.</li> <li>4 If either PO108 or PO109 is present, then the other is required.</li> <li>5 If either PO110 or PO111 is present, then the other is required.</li> <li>6 If either PO112 or PO113 is present, then the other is required.</li> <li>7 If either PO114 or PO115 is present, then the other is required.</li> <li>8 If either PO116 or PO117 is present, then the other is required.</li> <li>9 If either PO118 or PO119 is present, then the other is required.</li> <li>10 If either PO120 or PO121 is present, then the other is required.</li> <li>11 If either PO122 or PO123 is present, then the other is required.</li> <li>12 If either PO124 or PO125 is present, then the other is required.</li> </ol>	
<b>Semantic Notes:</b>		
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 See the Data Element Dictionary for a complete list of IDs.</li> <li>2 PO101 is the line item identification.</li> <li>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.</li> </ol>	

#### Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
PO101	350	<b>Assigned Identification</b>	O AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction set	
		<i>Special Instructions for Vendors: PO1-01 is the line number from the 850</i>	
PO102	330	<b>Quantity Ordered</b>	X R 1/15
		Quantity ordered	
PO103	355	<b>Unit or Basis for Measurement Code</b>	O ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
PO104	212	<b>Unit Price</b>	X R 1/17
		Price per unit of product, service, commodity, etc.	
PO105	639	<b>Basis of Unit Price Code</b>	O ID 2/2
		Code identifying the type of unit price for an item	
PO106	235	<b>Product/Service ID Qualifier</b>	X ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		BP Buyer's Part Number	
PO107	234	<b>Product/Service ID</b>	X AN 1/48
		Identifying number for a product or service	
		Motion Industries Part Number (MINO)	
PO108	235	<b>Product/Service ID Qualifier</b>	X ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		PD Part Number Description	

<b>PO109</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service Vendors Part Number Description	<b>X</b>	<b>AN 1/48</b>
<b>PO110</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) VP Vendors Part Number	<b>X</b>	<b>ID 2/2</b>
<b>PO111</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service Vendor's Part Number	<b>X</b>	<b>AN 1/48</b>
<b>PO112</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) UP UPC Number	<b>X</b>	<b>ID 2/2</b>
<b>PO113</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service Vendor's UPC number	<b>X</b>	<b>AN 1/48</b>
<b>PO114</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) SK Stock Keeping Unit Number	<b>X</b>	<b>ID 2/2</b>
<b>PO115</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service Motion Industries Item Number	<b>X</b>	<b>AN 1/48</b>

**Segment:** **CTP Pricing Information**  
**Position:** 040  
**Loop:** PO1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify pricing information  
**Syntax Notes:** If either CTP04 or CTP05 are present, then the others are required  
 If CTP06 is present, then CTP07 is required  
 If CTP09 is present, then CTP02 is required  
 If CTP10 is present, then CTP02 is required  
 If CTP11 is present, then CTP02 is required  
**Semantic Notes:** CTP07 is a multiplier factor to arrive at a final discount price. A multiplier of .90 would  
 be the factor if a 10% discount is given  
 CTP08 is the rebate amount  
**Comments:**

#### Data Element Summary

	<b>Ref. Des.</b>	<b>Data Element</b>	<b>Name</b>	<b>Attributes</b>
M	CTP01	687	<b>Class of Trade Code</b> "AS" = Seller	O ID 2/2
M	CTP02	236	<b>Price Identifier Code</b> "CON" = Contract	X ID 3/3
M	CTP03	212	<b>Unit Price</b> Price per unite of product, commodity, service, etc.	X R 1/17

<b>Segment:</b>	<b>ACK</b> Line Item Acknowledgment
<b>Position:</b>	270
<b>Loop:</b>	ACK Optional
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To acknowledge the ordered quantities and specify the ready date for a specific line item
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 If either ACK02 or ACK03 is present, then the other is required.</li> <li>2 If ACK04 is present, then ACK05 is required.</li> <li>3 If either ACK07 or ACK08 is present, then the other is required.</li> <li>4 If either ACK09 or ACK10 is present, then the other is required.</li> <li>5 If either ACK11 or ACK12 is present, then the other is required.</li> <li>6 If either ACK13 or ACK14 is present, then the other is required.</li> <li>7 If either ACK15 or ACK16 is present, then the other is required.</li> <li>8 If either ACK17 or ACK18 is present, then the other is required.</li> <li>9 If either ACK19 or ACK20 is present, then the other is required.</li> <li>10 If either ACK21 or ACK22 is present, then the other is required.</li> <li>11 If either ACK23 or ACK24 is present, then the other is required.</li> <li>12 If either ACK25 or ACK26 is present, then the other is required.</li> <li>13 If either ACK27 or ACK28 is present, then the other is required.</li> <li>14 If ACK28 is present, then both ACK27 and ACK29 are required.</li> </ol>
<b>Semantic Notes:</b>	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.
<b>Comments:</b>	

#### Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
ACK01	668	<b>Line Item Status Code</b> Code specifying the action taken by the seller on a line item requested by the buyer IB = Item Backordered IP = Item Price Changed AR = Item accepted and released for shipping ID = Item Deleted DR = Date Rescheduled	<b>M ID 2/2</b>
ACK02	380	<b>Quantity</b> Numeric value of quantity <i>This quantity will supercede the quantity in PO102.</i>	<b>X R 1/15</b>
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	<b>X ID 2/2</b>
ACK04	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time 086 Scheduled for Shipment (Week Of)	<b>O ID 3/3</b>
ACK05	373	<b>Date</b> Date expressed as CCYYMMDD <i>This date will supercede previously expressed ship/delivery dates.</i>	<b>X DT 8/8</b>

**Segment:** **SCH** Line Item Schedule  
**Position:** 310  
**Loop:** SCH Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the data for scheduling a specific line-item  
**Syntax Notes:**

- 1 If SCH03 is present, then SCH04 is required
- 2 If SCH08 is present, then at least one of SCH09 or SCH10 is required
- 3 If SCH09 or SCH10 is present, then SCH08 is required

**Semantic Notes:**

- 1 SCH12 is the schedule identification

**Comments:** SCH05 Specifies the interpretation to be used for SCH06 and SCH07

#### Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	SCH01	380	<b>Quantity</b> Numeric Value of Quantity	M R 1/15
M	SCH02	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. <i>This quantity will supercede the quantity in PO102.</i>	M ID 2/2
M	SCH05	374	<b>Date/Time Qualifier</b> Code Specifying type of date or time, or both date and time "002" = Delivery Requested	M ID 3/3
M	SCH06	373	<b>Date</b> Date expressed as CCYYMMDD	M DT 8/8

**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.

**Data Element Summary**

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

**Data Element Summary**

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