

**855****Purchase Order Acknowledgment****Functional Group=PR**

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</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	ST	Transaction Set Header	M	1			Must use
020	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1			Must use
050	REF	Reference Identification	O	>1			Used
130	ITD	Terms of Sale/Deferred Terms of Sale	O	5			Used
150	DTM	Date/Time Reference	M	10			Must use
240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12			Used

<u>LOOP ID - N1</u>		<u>200</u>					
300	N1	Name	M	1			Must use
320	N3	Address Information	O	2			Used
330	N4	Geographic Location	O	1			Used

**Detail:**

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<u>LOOP ID - PO1</u>		<u>100000</u>					
010	PO1	Baseline Item Data	M	1		N2/010	Must use
090	PO4	Item Physical Details	O	>1			Used

**Summary:**

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<u>LOOP ID - CTT</u>		<u>1</u>					
010	CTT	Transaction Totals	M	1		N3/010	Must use
030	SE	Transaction Set Trailer	M	1			Must use

**Notes:**

- 2/010 PO102 is required.
- 3/010 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.

**ST****Transaction Set Header**

<b>Pos: 010</b>	<b>Max: 1</b>
<b>Heading - Mandatory</b>	
<b>Loop: N/A</b>	<b>Elements: 2</b>

To indicate the start of a transaction set and to assign a control number

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		-				
ST01	143	<b>Transaction Set Identifier Code</b> <b>Description:</b> Code uniquely identifying a Transaction Set All valid standard codes are used.	M	ID	3/3	Must use
ST02	329	<b>Transaction Set Control Number</b> <b>Description:</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	Must use

**Semantics:**

- The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

# BAK Beginning Segment for Purchase Order Acknowledgment

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

To indicate the beginning of the Purchase Order Acknowledgment Transaction Set and transmit identifying numbers and dates

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BAK01	353	Transaction Set Purpose Code <b>Description:</b> Code identifying purpose of transaction set All valid standard codes are used.	M	ID	2/2	Must use
BAK02	587	Acknowledgment Type <b>Description:</b> Code specifying the type of acknowledgment All valid standard codes are used.	M	ID	2/2	Must use
BAK03	324	Purchase Order Number <b>Description:</b> Identifying number for Purchase Order assigned by the orderer/purchaser	M	AN	1/22	Must use
BAK04	373	Date <b>Description:</b> Date expressed as CCYYMMDD	M	DT	8/8	Must use

## Semantics:

- BAK04 is the date assigned by the purchaser to purchase order.

REF

Reference Identification

Pos: 050	Max: >1
Heading - Optional	
Loop: N/A	Elements: 2

To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	<b>Reference Identification Qualifier</b> <b>Description:</b> Code qualifying the Reference Identification All valid standard codes are used.	M	ID	2/3	Must use
REF02	127	<b>Reference Identification</b> <b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C	AN	1/30	Used

Syntax:

R0203 -- At least one of REF02 or REF03 is required.

Semantics:

1.

**ITD****Terms of Sale/Deferred Terms of Sale**

Pos: 130	Max: 5
Heading - Optional	
Loop: N/A	Elements: 4

To specify terms of sale

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ITD01	336	<b>Terms Type Code</b> <b>Description:</b> Code identifying type of payment terms All valid standard codes are used.	O	ID	2/2	Used
ITD03	338	<b>Terms Discount Percent</b> <b>Description:</b> Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date	O	R	1/6	Used
ITD05	351	<b>Terms Discount Days Due</b> <b>Description:</b> Number of days in the terms discount period by which payment is due if terms discount is earned	C	N0	1/3	Used
ITD07	386	<b>Terms Net Days</b> <b>Description:</b> Number of days until total invoice amount is due (discount not applicable)	O	N0	1/3	Used

**Syntax:**

L03040513 -- If ITD03 is present, then at least one of ITD04, ITD05 or ITD13 is required.

**Semantics:**

1.

**Comments:**

1. If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.

DTM

Date/Time Reference

Pos: 150	Max: 10
Heading - Mandatory	
Loop: N/A	Elements: 2

To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	374	<b>Date/Time Qualifier</b> <b>Description:</b> Code specifying type of date or time, or both date and time All valid standard codes are used.	M	ID	3/3	Must use
DTM02	373	<b>Date</b> <b>Description:</b> Date expressed as CCYYMMDD	C	DT	8/8	Used

Syntax:

R020305 -- At least one of DTM02, DTM03 or DTM05 is required.

TD5

Carrier Details (Routing  
Sequence/Transit Time)

Pos: 240Max: 12

Heading - Optional

Loop: N/AElements: 1

To specify the carrier and sequence of routing and provide transit time information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TD504	91	Transportation Method/Type Code	C	ID	1/2	Used
<b>Description:</b> Code specifying the method or type of transportation for the shipment						
All valid standard codes are used.						

Syntax:

R0204050612 -- At least one of TD502, TD504, TD505, TD506 or TD512 is required.

Semantics:

1.

Comments:

1.

**N1****Name**

<b>Pos: 300</b>	<b>Max: 1</b>
<b>Heading - Mandatory</b>	
<b>Loop: N1</b>	<b>Elements: 4</b>

To identify a party by type of organization, name, and code

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<b>Entity Identifier Code</b>				
N101	98	<b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual All valid standard codes are used.	M	ID	2/3	Must use
		<b>Name</b>				
N102	93	<b>Description:</b> Free-form name	C	AN	1/60	Used
		<b>Identification Code Qualifier</b>				
N103	66	<b>Description:</b> Code designating the system/method of code structure used for Identification Code (67) All valid standard codes are used.	C	ID	1/2	Used
		<b>Identification Code</b>				
N104	67	<b>Description:</b> Code identifying a party or other code	C	AN	2/80	Used

**Syntax:**

R0203 -- At least one of N102 or N103 is required.

P0304 -- If either N103 or N104 are present, then the others are required.

**Comments:**

1.



N3

Address Information

Pos: 320	Max: 2
Heading - Optional	
Loop: N1	Elements: 1

To specify the location of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N301	166	Address Information Description: Address information	M	AN	1/55	Must use

N4

Geographic Location

Pos: 330	Max: 1
Heading - Optional	
Loop: N1	Elements: 3

To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	City Name Description: Free-form text for city name	O	AN	2/30	Used
N402	156	State or Province Code Description: Code (Standard State/Province) as defined by appropriate government agency	O	ID	2/2	Used
N403	116	Postal Code Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O	ID	3/15	Used

Comments:

- N402 is required only if city name (N401) is in the U.S. or Canada.

# PO1 Baseline Item Data

<b>Pos: 010</b>	<b>Max: 1</b>
<b>Detail - Mandatory</b>	
<b>Loop: PO1</b>	<b>Elements: 11</b>

To specify basic and most frequently used line item data

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<b>Assigned Identification</b>				
PO101	350	<b>Description:</b> Alphanumeric characters assigned for differentiation within a transaction set	O	AN	1/20	Used
PO102	330	<b>Quantity Ordered</b>	C	R	1/15	Used
		<b>Description:</b> Quantity ordered				
PO103	355	<b>Unit or Basis for Measurement Code</b>	O	ID	2/2	Used
		<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		All valid standard codes are used.				
PO104	212	<b>Unit Price</b>	C	R	1/17	Used
		<b>Description:</b> Price per unit of product, service, commodity, etc.				
PO105	639	<b>Basis of Unit Price Code</b>	O	ID	2/2	Used
		<b>Description:</b> Code identifying the type of unit price for an item				
		All valid standard codes are used.				
PO106	235	<b>Product/Service ID Qualifier</b>	C	ID	2/2	Used
		<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		All valid standard codes are used.				
PO107	234	<b>Product/Service ID</b>	C	AN	1/48	Used
		<b>Description:</b> Identifying number for a product or service				
PO108	235	<b>Product/Service ID Qualifier</b>	C	ID	2/2	Used
		<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		All valid standard codes are used.				
PO109	234	<b>Product/Service ID</b>	C	AN	1/48	Used
		<b>Description:</b> Identifying number for a product or service				
PO110	235	<b>Product/Service ID Qualifier</b>	C	ID	2/2	Used
		<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		All valid standard codes are used.				
PO111	234	<b>Product/Service ID</b>	C	AN	1/48	Used
		<b>Description:</b> Identifying number for a product or service				

## Syntax:

C0302 -- If PO103 is present, then PO102 is required

C0504 -- If PO105 is present, then PO104 is required

P0607 -- If either PO106 or PO107 are present, then the others are required.

P0809 -- If either PO108 or PO109 are present, then the others are required.

P1011 -- If either PO110 or PO111 are present, then the others are required.

**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.

PO4

Item Physical Details

Pos: 090	Max: >1
Detail - Optional	
Loop: PO1	Elements: 1

To specify the physical qualities, packaging, weights, and dimensions relating to the item

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PO401	356	<div><div>Pack</div><div><b>Description:</b> The number of inner containers, or number of eaches if there are no inner containers, per outer container</div></div>	O	N0	1/6	Used

Semantics:

1.

Comments:

1.

CTT

Transaction Totals

Pos: 010	Max: 1
Summary - Mandatory	
Loop: CTT	Elements: 1

To transmit a hash total for a specific element in the transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT01	354	Number of Line Items	M	N0	1/6	Must use
Description: Total number of line items in the transaction set						

Comments:

- 1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

SE

Transaction Set Trailer

Pos: 030	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	<b>Number of Included Segments</b> <b>Description:</b> Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Must use
SE02	329	<b>Transaction Set Control Number</b> <b>Description:</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	Must use

Comments:

- 1. SE is the last segment of each transaction set.