

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>
010	ST	Transaction Set Header	M	1		
020	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1		
060	PER	Administrative Communications Contact	O	3		

<u>LOOP ID - N1</u>						<u>200</u>
300	N1	Name	O	1		
310	N2	Additional Name Information	O	2		
320	N3	Address Information	O	2		
330	N4	Geographic Location	O	1		

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>LOOP ID - PO1</u>						<u>100000</u>
010	PO1	Baseline Item Data	M	1		N2/010
<u>LOOP ID - PID</u>						<u>1000</u>
050	PID	Product/Item Description	O	1		
<u>LOOP ID - ACK</u>						<u>104</u>
270	ACK	Line Item Acknowledgment	M	1		

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>LOOP ID - CTT</u>						<u>1</u>
010	CTT	Transaction Totals	O	1		N3/010
030	SE	Transaction Set Trailer	M	1		

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

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

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>
ST01	143	Transaction Set Identifier Code	M	ID	3/3
		<u>Code</u> <u>NAME</u>			
		855 Purchase Order Acknowledgment			
ST02	329	Transaction Set Control Number	M	AN	4/9

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/AElements: 6	

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>
BAK01	353	Transaction Set Purpose Code <u>Code</u> <u>NAME</u> 00 Original	M	ID	2/2
BAK02	587	Acknowledgment Type <u>Code</u> <u>NAME</u> AC Acknowledge - With Detail and Change AD Acknowledge - With Detail, No Change	M	ID	2/2
BAK03	324	Purchase Order Number	M	AN	1/22
BAK04	373	Date	M	DT	8/8
BAK05	328	Release Number	O	AN	1/30
BAK08	127	Reference Identification	O	AN	1/30

Semantics:

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.

PER Administrative Communications Contact

Pos: 060 Max: 3
Heading - Optional
Loop: N/AElements: 4

To identify a person or office to whom administrative communications should be directed

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
PER01	366	Contact Function Code <u>Code NAME</u> OC Order Contact	M	ID	2/2
PER02	93	Name	O	AN	1/60
PER03	365	Communication Number Qualifier <u>Code NAME</u> TE Telephone	C	ID	2/2
PER04	364	Communication Number	C	AN	1/80

Syntax:

1. PER03 P0304 -- If either PER03 or PER04 are present, then the others are required.
2. PER05 P0506 -- If either PER05 or PER06 are present, then the others are required.
3. PER07 P0708 -- If either PER07 or PER08 are present, then the others are required.

N1 Name

Pos: 300	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

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>
N101	98	Entity Identifier Code <u>Code</u> <u>NAME</u> SF Ship From	M	ID	2/3
N102	93	Name	C	AN	1/60
N103	66	Identification Code Qualifier <u>Code</u> <u>NAME</u> 91 Assigned by Seller or Seller's Agent 92 Assigned by Buyer or Buyer's Agent	C	ID	1/2
N104	67	Identification Code	C	AN	2/80

Syntax:

1. N102 R0203 -- At least one of N102 or N103 is required.
2. N103 P0304 -- If either N103 or N104 are present, then the others are required.

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.

N2

Additional Name Information

Pos: 310	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

To specify additional names or those longer than 35 characters in length

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
N201	93	Name	M	AN	1/60
N202	93	Name	O	AN	1/60

N3

Address Information

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

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>
N301	166	Address Information	M	AN	1/55
N302	166	Address Information	O	AN	1/55

N4 Geographic Location

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

To specify the geographic place 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>
N401	19	City Name	O	AN	2/30
N402	156	State or Province Code	O	ID	2/2
N403	116	Postal Code	O	ID	3/15

Syntax:

1. N406 C0605 -- If N406 is present, then N405 is required

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 U.S. or Canada.

PO1 Baseline Item Data

Pos: 010	Max: 1
Detail - Mandatory	
Loop: PO1	Elements: 8

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>
PO101	350	Assigned Identification	O	AN	1/20
PO102	330	Quantity Ordered	C	R	1/15
PO103	355	Unit or Basis for Measurement Code	O	ID	2/2
		<u>Code</u> <u>NAME</u>			
		CA Case			
		EA Each			
		GR Gross			
		PC Piece			
		PK Pack (PAK)			
PO104	212	Unit Price	C	R	1/17
PO106	235	Product/Service ID Qualifier	C	ID	2/2
		<u>Code</u> <u>NAME</u>			
		VC Vendor's (Seller's) Catalog Number			
PO107	234	Product/Service ID	C	AN	1/48
PO108	235	Product/Service ID Qualifier	C	ID	2/2
		<u>Code</u> <u>NAME</u>			
		CB Buyer's Catalog Number			
PO109	234	Product/Service ID	C	AN	1/48

Syntax:

1. PO103 C0302 -- If PO103 is present, then PO102 is required
2. PO105 C0504 -- If PO105 is present, then PO104 is required
3. PO106 P0607 -- If either PO106 or PO107 are present, then the others are required.
4. PO108 P0809 -- If either PO108 or PO109 are present, then the others are required.
5. PO110 P1011 -- If either PO110 or PO111 are present, then the others are required.
6. PO112 P1213 -- If either PO112 or PO113 are present, then the others are required.
7. PO114 P1415 -- If either PO114 or PO115 are present, then the others are required.
8. PO116 P1617 -- If either PO116 or PO117 are present, then the others are required.
9. PO118 P1819 -- If either PO118 or PO119 are present, then the others are required.
10. PO120 P2021 -- If either PO120 or PO121 are present, then the others are required.
11. PO122 P2223 -- If either PO122 or PO123 are present, then the others are required.
12. PO124 P2425 -- If either PO124 or PO125 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.

PID Product/Item Description

Pos: 050	Max: 1
Detail - Optional	
Loop: PID	Elements: 2

To describe a product or process in coded or free-form format

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
PID01	349	Item Description Type	M	ID	1/1
		<u>Code</u> <u>NAME</u>			
		F Free-form			
PID05	352	Description	C	AN	1/80

Syntax:

1. PID04 C0403 -- If PID04 is present, then PID03 is required
2. PID04 R0405 -- At least one of PID04 or PID05 is required.
3. PID07 C0703 -- If PID07 is present, then PID03 is required
4. PID08 C0804 -- If PID08 is present, then PID04 is required
5. PID09 C0905 -- If PID09 is present, then PID05 is required

Semantics:

1. Use PID03 to indicate the organization that publishes the code list being referred to.
2. PID04 should be used for industry-specific product description codes.
3. PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
4. PID09 is used to identify the language being used in PID05.

Comments:

1. If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
2. Use PID06 when necessary to refer to the product surface or layer being described in the segment.
3. PID07 specifies the individual code list of the agency specified in PID03.

ACK Line Item Acknowledgment

Pos: 270	Max: 1
Detail - Mandatory	
Loop: ACK	Elements: 7

To acknowledge the ordered quantities and specify the ready date for a specific line item

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
ACK01	668	Line Item Status Code	M	ID	2/2
		<u>Code</u> <u>NAME</u>			
		IB Item Backordered			
		ID Item Deleted			
		IP Item Accepted - Price Changed			
		IQ Item Accepted - Quantity Changed			
		IR Item Rejected			
		IS Item Accepted - Substitution Made			
ACK02	380	Quantity	C	R	1/15
ACK03	355	Unit or Basis for Measurement Code	C	ID	2/2
		<u>Code</u> <u>NAME</u>			
		CA Case			
		EA Each			
		GR Gross			
		PC Piece			
		PK Pack (PAK)			
ACK04	374	Date/Time Qualifier	O	ID	3/3
		<u>Code</u> <u>NAME</u>			
		011 Shipped			
ACK05	373	Date	C	DT	8/8
ACK07	235	Product/Service ID Qualifier	C	ID	2/2
		<u>Code</u> <u>NAME</u>			
		VC Vendor's (Seller's) Catalog Number			
ACK08	234	Product/Service ID	C	AN	1/48

Syntax:

P0203 -- If either ACK02 or ACK03 are present, then the others are required. C0405 -- If ACK04 is present, then ACK05 is required. P0708 -- If either ACK07 or ACK08 are present, then the others are required. P0910 -- If either ACK09 or ACK10 are present, then the others are required. P1112 -- If either ACK11 or ACK12 are present, then the others are required. P1314 -- If either ACK13 or ACK14 are present, then the others are required. P1516 -- If either ACK15 or ACK16 are present, then the others are required. P1718 -- If either ACK17 or ACK18 are present, then the others are required. P1920 -- If either ACK19 or ACK20 are present, then the others are required. P2122 -- If either ACK21 or ACK22 are present, then the others are required. P2324 -- If either ACK23 or ACK24 are present, then the others are required. P2526 -- If either ACK25 or ACK26 are present, then the others are required. P2728 -- If either ACK27 or ACK28 are present, then the others are required. C282729 -- If 28 is present, then ACK27 and ACK29 are required.

Semantics:

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.

CTT Transaction Totals

Pos: 010	Max: 1
Summary - Optional	
Loop: CTT	Elements: 2

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
CTT01	354	Number of Line Items	M	N0	1/6
CTT02	347	Hash Total	O	R	1/10

Syntax:

1. CTT03 P0304 -- If either CTT03 or CTT04 are present, then the others are required.
2. CTT05 P0506 -- If either CTT05 or CTT06 are present, then the others are required.

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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
SE01	96	Number of Included Segments	M	N0	1/10
SE02	329	Transaction Set Control Number	M	AN	4/9

Comments:

- SE is the last segment of each transaction set.