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:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
010	ST	Transaction Set Header	M	1		N1/010	Must use
020	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1			Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - PO1					**100000**		
010	PO1	Baseline Item Data	O	1		N2/010	Must use
LOOP ID - ACK					**104**		
270	ACK	Line Item Acknowledgment	O	1			Must use

Summary:

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

Notes:

1/010   Must use
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

<table>
<tr><td>Pos: 010</td><td>Max: 1</td></tr>
<tr><td colspan="2">Heading - Mandatory</td></tr>
<tr><td>Loop: N/A</td><td>Elements: 2</td></tr>
</table>

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code**	**M**	**ID**	**3/3**	**Must use**
		Code Name				
		855 Purchase Order Acknowledgment				
ST02	329	**Transaction Set Control Number**	**M**	**AN**	**4/9**	**Must use**

Semantics:

1. 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).

Comments:

Must use

BAK   Beginning Segment for Purchase Order Acknowledgment

<div style="border:1px solid black">
Pos: 020   Max: 1
Heading - Mandatory
Loop: N/A   Elements: 4
</div>

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BAK01	353	Transaction Set Purpose Code	M	ID	2/2	Must use

Code Name

00   Original

| BAK02 | 587 | Acknowledgment Type | M | ID | 2/2 | Must use |

Code Name

AC   Acknowledge - With Detail and Change
AD   Acknowledge - With Detail,No Change
ZZ   Mutually Defined

| BAK03 | 324 | Purchase Order Number | M | AN | 1/22 | Must use |
| BAK04 | 373 | Date | M | DT | 8/8 | Must use |

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.

PO1   Baseline Item Data

Pos: 010	Max: 1
Detail - Optional	
Loop: PO1	Elements: 6

To specify basic and most frequently used line item data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO101	350	Assigned Identification	O	AN	1/20	Must use
PO102	330	Quantity Ordered	C	R	1/15	Must use
PO103	355	Unit or Basis for Measurement Code	O	ID	2/2	Must use

Code Name

EA   Each
UN   Unit

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO104	212	Unit Price	C	R	1/17	Must use
PO105	639	Basis of Unit Price Code	O	ID	2/2	Must use
PO107	234	Product/Service ID	C	AN	1/48	Must use

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.
P1213 -- If either PO112 or PO113 are present, then the others are required.
P1415 -- If either PO114 or PO115 are present, then the others are required.
P1617 -- If either PO116 or PO117 are present, then the others are required.
P1819 -- If either PO118 or PO119 are present, then the others are required.
P2021 -- If either PO120 or PO121 are present, then the others are required.
P2223 -- If either PO122 or PO123 are present, then the others are required.
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.

ACK   Line Item Acknowledgment

Pos: 270	Max: 1
Detail - Optional	
Loop: ACK	Elements: 2

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ACK01	668	Line Item Status Code	M	ID	2/2	Must use

Code Name

Code	Name
AA	Item Accepted - Order Forwarded to Alternate Supplier Location
AC	Item Accepted and Shipped
AR	Item Accepted and Released for Shipment
BP	Item Accepted - Partial Shipment,Balance Backordered
DR	Item Accepted - Date Rescheduled
IA	Item Accepted
IB	Item Backordered
IC	Item Accepted - Changes Made
ID	Item Deleted
IE	Item Accepted,Price Pending
IF	Item on Hold,Incomplete Description
IH	Item on Hold
IP	Item Accepted - Price Changed
IQ	Item Accepted - Quantity Changed
IR	Item Rejected
IS	Item Accepted - Substitution Made
IW	Item on Hold-Waiver Required
R1	Item Rejected,Not a Contract Item
R2	Item Rejected,Invalid Item Product Number
R3	Item Rejected,Invalid Unit of Issue
R4	Item Rejected,Contract Item not Available
R5	Item Rejected,Reorder Item as a Just in Time (JIT) Order
R6	Item Rejected,Reorder Item as an Extended Delivery Order (EDO)
R7	Item Rejected,Reorder Item as a Drop Shipment
R8	Item Rejected,Reorder Item as a Surge Order
SP	Item Accepted - Schedule Date Pending

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ACK02	380	Quantity	C	R	1/15	Must use

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**

<div style="border:1px solid #000; display:inline-block;">

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

</div>

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
CTT02	347	**Hash Total**	O	R	1/10	Must use

Syntax:

P0304 -- If either CTT03 or CTT04 are present, then the others are required.
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

<table>
<tr><td>Pos: 030</td><td>Max: 1</td></tr>
<tr><td colspan="2">Summary - Mandatory</td></tr>
<tr><td>Loop: N/A</td><td>Elements: 2</td></tr>
</table>

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	Number of Included Segments	M	N0	1/10	Must use
SE02	329	Transaction Set Control Number	M	AN	4/9	Must use

Comments:

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