

855 Purchase Order Acknowledgment

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. Please note **the Product Qualifier code used in the 855 transaction must match the Qualifier Code used in the EDI 850 transaction sent by AmerisourceBergen (ABC).**

Heading:

| Page No. | Pos. No. | Seg. ID | Name | Req. Des. | Max.Use | Loop Repeat | Notes and Comments |
|--------------|----------|---------|---|-----------|---------|-------------|--------------------|
| 1 | 010 | ST | Transaction Set Header | M | 1 | | |
| 3 | 020 | BAK | Beginning Segment for Purchase Order Acknowledgment | M | 1 | | |
| 4 | 150 | DTM | Date/Time Reference | O | 10 | | |
| LOOP ID - N1 | | | | | | 200 | |
| 5 | 300 | N1 | Name | O | 1 | | |

Detail:

| Page No. | Pos. No. | Seg. ID | Name | Req. Des. | Max.Use | Loop Repeat | Notes and Comments |
|---------------|----------|---------|--------------------------|-----------|---------|-------------|--------------------|
| LOOP ID - PO1 | | | | | | 100000 | |
| 6 | 010 | PO1 | Baseline Item Data | O | 1 | | n1 |
| LOOP ID - ACK | | | | | | 104 | |
| 7 | 270 | ACK | Line Item Acknowledgment | M | 1 | | |

Summary:

| Page No. | Pos. No. | Seg. ID | Name | Req. Des. | Max.Use | Loop Repeat | Notes and Comments |
|---------------|----------|---------|-------------------------|-----------|---------|-------------|--------------------|
| LOOP ID - CTT | | | | | | 1 | |
| 9 | 010 | CTT | Transaction Totals | O | 1 | | n2 |
| 10 | 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:
Notes: Example: ST|855|1001~

Data Element Summary

| <u>User</u> | <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Attributes</u> |
|------------------|-------------|----------------|--|-------------------|
| <u>Attribute</u> | <u>Des.</u> | <u>Element</u> | | |
| M | ST01 | 143 | Transaction Set Identifier Code Code uniquely identifying a Transaction Set | M ID 3/3 |
| 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.

Comments:

Notes: Example: BAK|00|AC|ABC12345|20150901|||||20150901~

Data Element Summary

| <u>User</u> | <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Attributes</u> |
|------------------|-------------|----------------|---|-------------------|
| <u>Attribute</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 AC Acknowledge - With Detail and Change AD Acknowledge - With Detail, No Change RD Reject with Detail | M ID 2/2 |
| M | BAK03 | 324 | Purchase Order Number Assigned by ABC in Transaction 850-BEG03 | M AN 1/22 |
| M | BAK04 | 373 | Date Purchase order date assigned by ABC in Transaction 850-BEG05 Format is CCYYMMDD | M DT 8/8 |
| | BAK09 | 373 | Date Date order loaded to the supplier's application system. Assigned by supplier. Format is CCYYMMDD | O DT 8/8 |

Segment: **DTM** Date/Time Reference
Position: 150
Loop:
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes:

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:

Comments:

Notes:

Example: DTM|067|20150930~

Data Element Summary

| <u>User</u> | <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Attributes</u> |
|------------------|-------------|----------------|---|-------------------|
| <u>Attribute</u> | <u>Des.</u> | <u>Element</u> | | |
| M | DTM01 | 374 | Date/Time Qualifier Code specifying type of date or time, or both date and time 067 Current Schedule Delivery | M ID 3/3 |
| | DTM02 | 373 | Date Date expressed as CCYYMMDD | X DT 8/8 |

Segment: **N1** Name
Position: 300
Loop: N1 Optional
Level: Heading
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.
 2 N105 and N106 further define the type of entity in N101.
Notes: Example: N1|ST|ABC CHICAGO DIVISION|11|RA0322824~

Data Element Summary

| <u>User</u> | <u>Ref.</u> | <u>Data</u> | <u>Attributes</u> |
|------------------|-------------|---|-------------------|
| <u>Attribute</u> | <u>Des.</u> | <u>Element</u> <u>Name</u> | |
| M | N101 | 98 Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual ST Ship To | M ID 2/3 |
| | N102 | 93 Name Free-form name | X AN 1/60 |
| | N103 | 66 Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 1 D-U-N-S Number, Dun & Bradstreet 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix 11 Drug Enforcement Administration (DEA) 21 Health Industry Number (HIN) ZZ Mutually Defined | X ID 1/2 |
| | N104 | 67 Identification Code Code identifying a party or other code | X AN 2/80 |

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.

Semantic Notes:

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.

Notes: Example: PO1|1|10|CA|72.95||ND|1234567890~

Data Element Summary

| <u>User Attribute</u> | <u>Ref. Des.</u> | <u>Data Element</u> | <u>Name</u> | <u>Attributes</u> |
|-----------------------|------------------|---------------------|--|-------------------|
| | PO101 | 350 | Assigned Identification The line item identification number as provided by the ABC in the 850-PO101 | O AN 1/20 |
| | PO102 | 330 | Quantity Ordered The quantity provided by the ABC in the 850-PO102. | X R 1/15 |
| | PO103 | 355 | Unit or Basis for Measurement Code The basis for measurement code provided by the ABC in the 850-PO103 CA Case DE Deal DZ Dozen EA Each PK Package | O ID 2/2 |
| | PO104 | 212 | Unit Price Price per unit of product, service, commodity, etc. | X R 1/17 |
| | PO106 | 235 | Product/Service ID Qualifier The qualifier provided by the ABC in the 850-PO106 ND National Drug Code (NDC) NH National Health Related Item Code UI U.P.C. Consumer Package Code (1-5-5) UN U.P.C. Case Code Number (1-1-5-5) VC Vendor's (Seller's) Catalog Number | X ID 2/2 |
| | PO107 | 234 | Product/Service ID Identifying number for a product or service | X AN 1/48 |

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.
- 3 If either ACK07 or ACK08 is present, then the other is required.

Semantic Notes:

- 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.

Comments:
Notes: Example: ACK|IA|10|CA|067|20150930||ND|1234567890~

Data Element Summary

| <u>User</u> <u>Attribute</u> | <u>Ref.</u> <u>Des.</u> | <u>Data</u> <u>Element</u> | <u>Name</u> | <u>Attributes</u> |
|---------------------------------|----------------------------|-------------------------------|--|-------------------|
| M | ACK01 | 668 | Line Item Status Code Code specifying the action taken by the seller on a line item requested by the buyer BP Item Accepted - Partial Shipment, Balance Backordered ID Item Deleted IH Item on Hold IP Item Accepted - Price Changed IQ Item Accepted - Quantity Changed 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 IA Item Accepted IB Item Backordered IR Item Rejected | M ID 2/2 |
| | ACK02 | 380 | Quantity Numeric value of quantity | X R 1/15 |
| | ACK03 | 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 CA Case DE Deal DZ Dozen EA Each PK Package | X ID 2/2 |
| | ACK04 | 374 | Date/Time Qualifier Current schedule delivery date. 067 Current Schedule Delivery | O ID 3/3 |
| | ACK05 | 373 | Date Date expressed as CCYYMMDD | X DT 8/8 |
| | ACK07 | 235 | Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234). The Product Qualifier code used here must | X ID 2/2 |

match the code used in the EDI 850 transaction sent by
AmerisourceBergen.

LT Lot Number
MF Manufacturer
N1 National Drug Code in 4-4-2 Format
N2 National Drug Code in 5-3-2 Format
N3 National Drug Code in 5-4-1 Format
N4 National Drug Code in 5-4-2 Format
N5 National Health Related Item Code in 5-5 Format
N6 National Health Related Item Code in 4-6 Format
ND National Drug Code (NDC)
NH National Health Related Item Code
UA U.P.C./EAN Case Code (2-5-5)
UK U.P.C./EAN Shipping Container Code (1-2-5-5-1)
UP U.P.C. Consumer Package Code (1-5-5-1)
UX Universal Product Number
VC Vendor's (Seller's) Catalog Number

ACK08 234 Product/Service ID X AN 1/48
Identifying number for a product or service

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.
Notes: Example: CTT|1~

Data Element Summary

| <u>User</u> | <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Attributes</u> |
|------------------|-------------|----------------|---|-------------------|
| <u>Attribute</u> | <u>Des.</u> | <u>Element</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.

Notes: Example: SE|08|1001~

Data Element Summary

| <u>User</u> | <u>Ref.</u> | <u>Data</u> | <u>Attributes</u> |
|------------------|-------------|---|-------------------|
| <u>Attribute</u> | <u>Des.</u> | <u>Element</u> <u>Name</u> | |
| M | SE01 | 96 Number of Included Segments | M N0 1/10 |
| | | Total number of segments included in a transaction set including ST and SE segments | |
| M | SE02 | 329 Transaction Set Control Number | M AN 4/9 |
| | | Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set | |

SAMPLE EDI DATA:

ST|855|1001~

BAK|00|AC|ABC12345|20150901|||20150901~

DTM|067|20150930~

N1|ST|ABC CHICAGO DIVISION|11|RA0322824~

PO1|1|10|CA|72.95||ND|1234567890~

ACK|IA|10|CA|067|20150930||ND|1234567890~

CTT|1~

SE|08|1001~