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.

Heading:

<table>
<thead>
<tr>
<th>Pos.</th>
<th>Seg. ID</th>
<th>Name</th>
<th>Req. Des.</th>
<th>Max.Use</th>
<th>Loop Repeat</th>
<th>Notes and Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>010</td>
<td>ST</td>
<td>Transaction Set Header</td>
<td>M</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>020</td>
<td>BAK</td>
<td>Beginning Segment for Purchase Order Acknowledgment</td>
<td>M</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>280</td>
<td>N9</td>
<td>Reference Identification</td>
<td>O</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>290</td>
<td>MSG</td>
<td>Message Text</td>
<td>O</td>
<td>8</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Detail:

<table>
<thead>
<tr>
<th>Pos. No.</th>
<th>Seg. ID</th>
<th>Name</th>
<th>Req. Des.</th>
<th>Max.Use</th>
<th>Loop Repeat</th>
<th>Notes and Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>010</td>
<td>PO1</td>
<td>Baseline Item Data</td>
<td>O</td>
<td>1</td>
<td>100000</td>
<td></td>
</tr>
<tr>
<td>270</td>
<td>ACK</td>
<td>Line Item Acknowledgment</td>
<td>O</td>
<td>1</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>350</td>
<td>N9</td>
<td>Reference Identification</td>
<td>O</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>360</td>
<td>MSG</td>
<td>Message Text</td>
<td>O</td>
<td>8</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Summary:

<table>
<thead>
<tr>
<th>Pos. No.</th>
<th>Seg. ID</th>
<th>Name</th>
<th>Req. Des.</th>
<th>Max.Use</th>
<th>Loop Repeat</th>
<th>Notes and Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>010</td>
<td>CTT</td>
<td>Transaction Totals</td>
<td>O</td>
<td>1</td>
<td>n2</td>
<td></td>
</tr>
</tbody>
</table>

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: 1

Semantic Notes: 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

<table>
<thead>
<tr>
<th>Ref. Des.</th>
<th>Data Element</th>
<th>Name</th>
<th>Attributes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ST01</td>
<td>143</td>
<td>Transaction Set Identifier Code</td>
<td>M ID 3/3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Code uniquely identifying a Transaction Set</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Refer to 004010 Data Element Dictionary for acceptable code values.</td>
<td></td>
</tr>
<tr>
<td>ST02</td>
<td>329</td>
<td>Transaction Set Control Number</td>
<td>M AN 4/9</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set</td>
<td></td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th>Ref. Des.</th>
<th>Data Element</th>
<th>Name</th>
<th>Attributes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>BAK01</td>
<td>353 Transaction Set Purpose Code</td>
<td>M  ID 2/2</td>
</tr>
<tr>
<td></td>
<td>BAK02</td>
<td>587 Acknowledgment Type</td>
<td>M  ID 2/2</td>
</tr>
<tr>
<td></td>
<td>BAK03</td>
<td>324 Purchase Order Number</td>
<td>M  AN 1/22</td>
</tr>
<tr>
<td></td>
<td>BAK04</td>
<td>373 Date (PO)</td>
<td>M  DT 8/8</td>
</tr>
<tr>
<td></td>
<td>BAK09</td>
<td>373 Date (Ack)</td>
<td>O  DT 8/8</td>
</tr>
</tbody>
</table>

- **BAK01**: 353 Transaction Set Purpose Code
  - Code identifying purpose of transaction set
  - 00 Original
  - 19 Seller initiated change

- **BAK02**: 587 Acknowledgment Type
  - Code specifying the type of acknowledgment
  - AC Acknowledge - With Detail and Change
  - AD Acknowledge - With Detail, No Change
  - RJ Rejected - No Detail

- **BAK03**: 324 Purchase Order Number
  - Identifying number for Purchase Order assigned by the orderer/purchaser

- **BAK04**: 373 Date (PO)
  - Date expressed as CCYMMDD

- **BAK09**: 373 Date (Ack)
  - Date expressed as CCYMMDD
Segment: \textbf{N9} Reference Identification

Position: 280

Loop: N9 Optional

Level: Heading

Usage: Optional

Max Use: 1

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Syntax Notes:
1. At least one of N902 or N903 is required.
2. If N906 is present, then N905 is required.
3. If either C04003 or C04004 is present, then the other is required.
4. If either C04005 or C04006 is present, then the other is required.

Semantic Notes:
1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

Comments:

Data Element Summary

<table>
<thead>
<tr>
<th>Ref. Des.</th>
<th>Data Element</th>
<th>Name</th>
<th>Attributes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>128</td>
<td>Reference Identification Qualifier</td>
<td>M</td>
</tr>
<tr>
<td>N901</td>
<td></td>
<td>Code qualifying the Reference Identification</td>
<td>ID 2/3</td>
</tr>
<tr>
<td></td>
<td>127</td>
<td>Reference Identification</td>
<td>X</td>
</tr>
<tr>
<td>N902</td>
<td></td>
<td>Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</td>
<td>AN 1/30</td>
</tr>
</tbody>
</table>
Segment: **MSG** Message Text

Position: 290
Loop: N9 Optional
Level: Heading
Usage: Optional
Max Use: 8

**Purpose:** To provide a free-form format that allows the transmission of text information

**Syntax Notes:**
1. If MSG03 is present, then MSG02 is required.

**Semantic Notes:**
1. MSG03 is the number of lines to advance before printing.
2. MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
   - If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.

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**Data Element Summary**

<table>
<thead>
<tr>
<th>Ref. Des.</th>
<th>Data Element</th>
<th>Name</th>
<th>Attributes</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt;&gt; MSG01</td>
<td>933</td>
<td>Free-Form Message Text</td>
<td>M AN 1/55</td>
</tr>
</tbody>
</table>

Free-form message text
**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:**

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.

### Data Element Summary

<table>
<thead>
<tr>
<th>Ref. Des.</th>
<th>Data Element</th>
<th>Name</th>
<th>Attributes</th>
</tr>
</thead>
<tbody>
<tr>
<td>N101</td>
<td>98</td>
<td>Entity Identifier Code</td>
<td>M ID 2/3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Code identifying an organizational entity, a physical location, property or an individual</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ST</td>
<td>Ship To</td>
</tr>
<tr>
<td>N102</td>
<td>93</td>
<td>Name</td>
<td>X AN 1/60</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Free-form name</td>
<td></td>
</tr>
<tr>
<td>N103</td>
<td>66</td>
<td>Identification Code Qualifier</td>
<td>X ID 1/2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Code designating the system/method of code structure used for Identification Code (67)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>92</td>
<td>Assigned by Buyer or Buyer's Agent</td>
</tr>
<tr>
<td>N104</td>
<td>67</td>
<td>Identification Code</td>
<td>X AN 2/80</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Code identifying a party or other code</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>From EDI 850 purchase order</td>
<td></td>
</tr>
</tbody>
</table>
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.

Data Element Summary

<table>
<thead>
<tr>
<th>Ref. Des.</th>
<th>Data</th>
<th>Name</th>
<th>Attributes</th>
</tr>
</thead>
<tbody>
<tr>
<td>N101</td>
<td>98</td>
<td>Entity Identifier Code</td>
<td>M ID 2/3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Code identifying an organizational entity, a physical location, property or an individual</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>SE Selling Party</td>
<td></td>
</tr>
<tr>
<td>N103</td>
<td>66</td>
<td>Identification Code Qualifier</td>
<td>X ID 1/2</td>
</tr>
<tr>
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<td></td>
<td>Code designating the system/method of code structure used for Identification Code (67)</td>
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</tr>
<tr>
<td></td>
<td></td>
<td>92 Assigned by Buyer or Buyer's Agent</td>
<td></td>
</tr>
<tr>
<td>N104</td>
<td>67</td>
<td>Identification Code</td>
<td>X AN 2/80</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Code identifying a party or other code</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>From EDI 850 purchase order</td>
<td></td>
</tr>
</tbody>
</table>
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.
4. If either PO108 or PO109 is present, then the other is required.
5. If either PO110 or PO111 is present, then the other is required.
6. If either PO112 or PO113 is present, then the other is required.
7. If either PO114 or PO115 is present, then the other is required.
8. If either PO116 or PO117 is present, then the other is required.
9. If either PO118 or PO119 is present, then the other is required.
10. If either PO120 or PO121 is present, then the other is required.
11. If either PO122 or PO123 is present, then the other is required.
12. If either PO124 or PO125 is present, then the other is required.

**Semantic Notes:**
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.

### Data Element Summary

<table>
<thead>
<tr>
<th>Ref. Des.</th>
<th>Data Element</th>
<th>Name</th>
<th>Attributes</th>
<th>Description</th>
</tr>
</thead>
</table>
| PO101     | 350          | Assigned Identification             | O AN 1/20  | Alphanumeric characters assigned for differentiation within a transaction set  
From EDI 850 purchase order |
| PO102     | 330          | Quantity Ordered                    | X R 1/15   | Quantity ordered |
| PO103     | 355          | Unit or Basis for Measurement Code  | O ID 2/2   | Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken  
From EDI 850 purchase order  
Refer to 004010 Data Element Dictionary for acceptable code values. |
| PO104     | 212          | Unit Price                          | X R 1/17   | Price per unit of product, service, commodity, etc. |
| PO106     | 235          | Product/Service ID Qualifier        | X ID 2/2   | Code identifying the type/source of the descriptive number used in Product/Service ID (234)  
VC Vendor's (Seller's) Catalog Number |
| PO107     | 234          | Product/Service ID                 | X AN 1/26  | Identifying number for a product or service |
| PO108     | 235          | Product/Service ID Qualifier        | X ID 2/2   | Code identifying the type/source of the descriptive number used in Product/Service ID (234)  
IN Buyer's Item Number |
| PO109     | 234          | Product/Service ID                 | X AN 1/30  | Identifying number for a product or service  
From EDI 850 purchase order |
Segment: ACK Line Item Acknowledgment
Position: 270
Loop: ACK Optional
Level: Detail
Usage: Optional
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.
4. If either ACK09 or ACK10 is present, then the other is required.
5. If either ACK11 or ACK12 is present, then the other is required.
6. If either ACK13 or ACK14 is present, then the other is required.
7. If either ACK15 or ACK16 is present, then the other is required.
8. If either ACK17 or ACK18 is present, then the other is required.
9. If either ACK19 or ACK20 is present, then the other is required.
10. If either ACK21 or ACK22 is present, then the other is required.
11. If either ACK23 or ACK24 is present, then the other is required.
12. If either ACK25 or ACK26 is present, then the other is required.
13. If either ACK27 or ACK28 is present, then the other is required.
14. If ACK28 is present, then both ACK27 and ACK29 are 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:

Data Element Summary

<table>
<thead>
<tr>
<th>Ref. Des.</th>
<th>Data Element</th>
<th>Name</th>
<th>Attributes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACK01</td>
<td>668</td>
<td>Line Item Status Code</td>
<td>M ID 2/2</td>
</tr>
<tr>
<td>ACK02</td>
<td>380</td>
<td>Quantity</td>
<td>X R 1/15</td>
</tr>
<tr>
<td>ACK03</td>
<td>355</td>
<td>Unit or Basis for Measurement Code</td>
<td>X ID 2/2</td>
</tr>
<tr>
<td>ACK04</td>
<td>374</td>
<td>Date/Time Qualifier</td>
<td>O ID 3/3</td>
</tr>
<tr>
<td>ACK05</td>
<td>373</td>
<td>Date</td>
<td>X DT 8/8</td>
</tr>
</tbody>
</table>

Ref. Data Des.

Data Element Name

Attributes

ACK01 668 Line Item Status Code
Code specifying the action taken by the seller on a line item requested by the buyer.
- AC: Item Accepted and Shipped
- IA: Item Accepted
- IB: Item Backordered
- IC: Item Accepted - Changes Made
- IH: Item on Hold
- IP: Item Accepted - Price Changed
- IQ: Item Accepted - Quantity Changed
- IR: Item Rejected
- IS: Item Accepted - Substitution Made

ACK02 380 Quantity
Numeric value of quantity

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. Refer to 004010 Data Element Dictionary for acceptable code values.

ACK04 374 Date/Time Qualifier
Code specifying type of date or time, or both date and time:
- 011: Shipped
- 017: Estimated Delivery

ACK05 373 Date
Date expressed as CCYYMMDD
**Segment:** N9 Reference Identification

**Position:** 350

**Loop:** N9 Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

**Purpose:** To transmit identifying information as specified by the Reference Identification Qualifier

**Syntax Notes:**
1. At least one of N902 or N903 is required.
2. If N906 is present, then N905 is required.
3. If either C04003 or C04004 is present, then the other is required.
4. If either C04005 or C04006 is present, then the other is required.

**Semantic Notes:**
1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

**Data Element Summary**

<table>
<thead>
<tr>
<th>Ref. Des.</th>
<th>Data Element</th>
<th>Name</th>
<th>Attributes</th>
</tr>
</thead>
<tbody>
<tr>
<td>N901</td>
<td>128</td>
<td>Reference Identification Qualifier</td>
<td>M ID 2/3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Code qualifying the Reference Identification</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>IX</td>
<td>Item Number</td>
</tr>
<tr>
<td>N902</td>
<td>127</td>
<td>Reference Identification</td>
<td>X AN 1/30</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</td>
<td></td>
</tr>
</tbody>
</table>
Segment: MSG Message Text

Position: 360
Loop: N9 Optional
Level: Detail
Usage: Optional
Max Use: 8

Purpose: To provide a free-form format that allows the transmission of text information

Syntax Notes: 1 If MSG03 is present, then MSG02 is required.

Semantic Notes: 1 MSG03 is the number of lines to advance before printing.
2 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
2 If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.

Data Element Summary

<table>
<thead>
<tr>
<th>Ref. Des.</th>
<th>Data Element</th>
<th>Name</th>
<th>Attributes</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt;&gt; MSG01</td>
<td>933</td>
<td>Free-Form Message Text</td>
<td>M AN 1/55</td>
</tr>
</tbody>
</table>

Free-form message text
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

<table>
<thead>
<tr>
<th>Ref. Des.</th>
<th>Data Element</th>
<th>Name</th>
<th>Attributes</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt;&gt;</td>
<td>CTT01</td>
<td>354</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Number of Line Items</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Total number of line items in the transaction set</td>
<td>M N0 1/6</td>
</tr>
</tbody>
</table>
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

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