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
0100	ST	Transaction Set Header	M	1			Must use
0200	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1			Must use
0800	FOB	F.O.B. Related Instructions	O	>1			Used
1300	ITD	Terms of Sale/Deferred Terms of Sale	O	5			Used
LOOP ID - N9					**1000**		
2800	N9	Reference Identification	O	1			Used

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - PO1					**100000**		
0100	PO1	Baseline Item Data	O	1		N2/0100	Used
LOOP ID - ACK					**104**		
2700	ACK	Line Item Acknowledgment	O	1			Used
LOOP ID - SCH					**200**		
3100	SCH	Line Item Schedule	O	1		N2/3100	Used
LOOP ID - N9					**1000**		
3500	N9	Reference Identification	O	1			Used

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0300	SE	Transaction Set Trailer	M	1			Must use

Notes:

2/0100 PO102 is required.

2/3100 The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When this segment is used the unit of measurement code (SCH02) should always be identical to the unit of measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.

ST Transaction Set Header

Pos: 0100	**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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	**143**	**Transaction Set Identifier Code**	**M**	**ID**	**3/3**	**Must use**

Description: Code uniquely identifying a Transaction Set

User Note 1:
Use 855 only.

Code	Name
855	Purchase Order Acknowledgment

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST02	**329**	**Transaction Set Control Number**	**M**	**AN**	**4/9**	**Must use**

Description: Identifying control number that must be unique
within the transaction set functional group assigned by the
 originator for a transaction set. Must be unique within the group.

User Note 1:
Must be unique within the group.

Semantics:

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).

BAK Beginning Segment for Purchase Order Acknowledgment

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 8

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**

Description: Code identifying purpose of transaction set

User Note 1:

Only the following codes will be accepted:

Code	Name
00	Original
06	Confirmation

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BAK02	**587**	**Acknowledgment Type**	**M**	**ID**	**2/2**	**Must use**

Description: Code specifying the type of acknowledgment

User Note 1:

Only the following codes will be accepted:

Code	Name
AC	Acknowledge - With Detail and Change
AD	Acknowledge - With Detail, No Change
AE	Acknowledge - With Exception Detail Only
AK	Acknowledge - No Detail or Change
RJ	Rejected - No Detail

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BAK03	**324**	**Purchase Order Number**	**M**	**AN**	**1/22**	**Must use**

Description: Identifying number for Purchase Order assigned by the orderer/purchaser

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BAK04	**373**	**Date**	**M**	**DT**	**8/8**	**Must use**

Description: Date expressed as CCYYMMDD

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BAK05	**328**	**Release Number**	**O**	**AN**	**1/30**	**Used**

Description: Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BAK07	**367**	**Contract Number**	**O**	**AN**	**1/30**	**Used**

Description: Contract number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BAK08	**127**	**Reference Identification**	**O**	**AN**	**1/30**	**Used**

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

User Note 1:

One of the following codes is required to identify the type of acknowledgement:
1 (Rejected)
2 (Accept with no indication of availability)
3 (Accept with availability)
4 (Header change with no availability)
5 (Header change with availability)
6 (Detail change with no availibility)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		7 (Detail change with availability)				
		8 (Header change and detail change with no availability)				
		9 (Header change and detail change with availibility)				
BAK09	**373**	**Date**	**O**	**DT**	**8/8**	**Used**

Description: Date expressed as CCYYMMDD where CC
represents the first two digits of the calendar year

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.

FOB F.O.B. Related Instructions

Pos: 0800   Max: >1
Heading - Optional
Loop: N/A   Elements: 3

To specify transportation instructions relating to shipment

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
FOB01	**146**	**Shipment Method of Payment**	**M**	**ID**	**2/2**	**Must use**

Description: Code identifying payment terms for transportation charges

User Note 1:

Only the following codes will be accepted:

Code	Name
CC	Collect
DF	Defined by Buyer and Seller
PC	Prepaid but Charged to Customer
PP	Prepaid (by Seller)
PU	Pickup

Ref	Id	Element Name	Req	Type	Min/Max	Usage
FOB06	**309**	**Location Qualifier**	**C**	**ID**	**1/2**	**Used**

Description: Code identifying type of location

User Note 1:

Only the following codes will be accepted:

Code	Name
CI	City
DE	Destination (Shipping)
OR	Origin (Shipping Point)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
FOB07	**352**	**Description**	**O**	**AN**	**1/80**	**Used**

Description: A free-form description to clarify the related data elements and their content

Syntax:

1. FOB03   C0302 -- If FOB03 is present, then FOB02 is required
2. FOB04   C0405 -- If FOB04 is present, then FOB05 is required
3. FOB07   C0706 -- If FOB07 is present, then FOB06 is required
4. FOB08   C0809 -- If FOB08 is present, then FOB09 is required

Semantics:

1. FOB01 indicates which party will pay the carrier.
2. FOB02 is the code specifying transportation responsibility location.
3. FOB06 is the code specifying the title passage location.
4. FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

ITD Terms of Sale/Deferred Terms of Sale

Pos: 1300   Max: 5
Heading - Optional
Loop: N/A   Elements: 6

To specify terms of sale

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ITD01	**336**	**Terms Type Code**	C	ID	2/2	Used

Description: Code identifying type of payment terms

User Note 1:
Only the following codes will be accepted:

Code	Name
05	Discount Not Applicable
06	Mixed
08	Basic Discount Offered
09	Proximo

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ITD02	**333**	**Terms Basis Date Code**	O	ID	1/2	Used

Description: Code identifying the beginning of the terms period

User Note 1:
Only the following codes will be accepted:

Code	Name
3	Invoice Date
5	Invoice Receipt Date

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ITD03	**338**	**Terms Discount Percent**	O	R	1/6	Used

Description: Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date

User Note 1:
Ex. 2% is expressed as 2 or 2.0

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ITD05	**351**	**Terms Discount Days Due**	C	N0	1/3	Used

Description: Number of days in the terms discount period by which payment is due if terms discount is earned

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ITD07	**386**	**Terms Net Days**	O	N0	1/3	Used

Description: Number of days until total invoice amount is due (discount not applicable)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ITD13	**765**	**Day of Month**	C	N0	1/2	Used

Description: The numeric value of the day of the month between 1 and the maximum day of the month being referenced

Syntax:

L03040513 -- If ITD03 is present, then at least one of ITD04, ITD05 or ITD13 is required.
L08040513 -- If ITD08 is present, then at least one of ITD04, ITD05 or ITD13 is required.
L091011 -- If ITD09 is present, then at least one of ITD10 or ITD11 is required.

Semantics:

1. ITD15 is the percentage applied to a base amount used to determine a late payment charge.

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.

N9 Reference Identification

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Pos: 2800   **Max: 1**
Heading - Optional
Loop: N9   Elements: 2

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To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N901	128	Reference Identification Qualifier	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

User Note 1:
TD equals reason for change and is the only acceptable code.

Code	Name
TD	Reason for Change

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N903	369	Free-form Description	M	AN	1/45	Used

Description: Free-form descriptive text

Syntax:

1. N902   R0203 -- At least one of N902 or N903 is required.
2. N906   C0605 -- If N906 is present, then N905 is required

Semantics:

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

PO1 Baseline Item Data

Pos: 0100　　　　Max: 1
Detail - Optional
Loop: PO1　　Elements: 10

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	**Used**

Description:　Alphanumeric characters assigned for differentiation within a transaction set

User Note 1:
Must agree with the purchaser's line item number on the PO(paper) or with the value in the PO101 on the electronically transmitted PO.

PO102	**330**	**Quantity Ordered**	M	R	1/15	**Used**

Description:　Quantity ordered

PO103	**355**	**Unit or Basis for Measurement Code**	O	ID	2/2	**Used**

Description:　Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

User Note 1:
Must equal the unit of measure as ordered by the buyer. See Table IV for Unit of Measurment Code values.

PO104	**212**	**Unit Price**	C	R	1/17	**Used**

Description:　Price per unit of product, service, commodity, etc.

User Note 1:
Unit price will be expressed in unit of measure from data element 355. Unit price will be net of gross price, trade discounts and item specific mark-ups, but will not be adjusted for payment terms or any order-specific special charges. Value must be greater than or equal to zero.

PO106	**235**	**Product/Service ID Qualifier**	C	ID	2/2	**Used**

Description:　Code identifying the type/source of the descriptive number used in Product/Service ID (234)

User Note 1:
MF=Manufacturer

PI=Purchaser's Item Code
If a purchaser's item code is indicated on a non-EDI order, an instance of data elements 235/234 is required with data element 235="PI". If the order was transmitted electronically with an instance of data elements 235/234 with data element 235="PI", then an instance of data elements 235/234 is required with data element 235="PI".

VP=Vendor's Part Number

Code	Name
MF	Manufacturer
PI	Purchaser's Item Code
VP	Vendor's (Seller's) Part Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO107	**234**	**Product/Service ID**	**C**	**AN**	**1/48**	**Used**

Description: Identifying number for a product or service

User Note 1:
PO108 through PO111 are repeating pairs of data elements 235 and 234.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO108	**235**	**Product/Service ID Qualifier**	**C**	**ID**	**2/2**	**Used**

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

User Note 1: *If the PO108 or the PO109 is present, the other is required.*

Code	Name
MF	Manufacturer
PI	Purchaser's Item Code
VP	Vendor's (Seller's) Part Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO109	**234**	**Product/Service ID**	**C**	**AN**	**1/48**	**Used**

Description: Identifying number for a product or service

User Note 1: *If the PO108 or the PO109 is present, the other is required.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO110	**235**	**Product/Service ID Qualifier**	**C**	**ID**	**2/2**	**Used**

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

User Note 1: *If the PO110 or the PO111 is present, the other is required.*

Code	Name
MF	Manufacturer
PI	Purchaser's Item Code
VP	Vendor's (Seller's) Part Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO111	**234**	**Product/Service ID**	**C**	**AN**	**1/48**	**Used**

Description: Identifying number for a product or service

User Note 1: *If the PO110 or the PO111 is present, the other is required.*

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.

ACK Line Item Acknowledgment

> **Pos: 2700   Max: 1**
> **Detail - Optional**
> **Loop: ACK   Elements: 3**

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**

Description: Code specifying the action taken by the seller on a line item requested by the buyer

User Note 1:
Only the following codes will be accepted:

Code	Name
AR	Item Accepted and Released for Shipment
IB	Item Backordered
IC	Item Accepted - Changes Made
IR	Item Rejected

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

Description: Numeric value of quantity

User Note 1: *If either the ACK02 or the ACK03 is present, the other is required.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ACK03	355	**Unit or Basis for Measurement Code**	C	ID	2/2	**Used**

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

User Note 1:
This value must equal the unit of measure as ordered by the buyer. See Table IV of the Appendix for Unit of Measure Code values.

Syntax:

1. ACK02 P0203 -- If either ACK02 or ACK03 are present, then the others are required.
2. ACK04 C0405 -- If ACK04 is present, then ACK05 is required
3. ACK07 P0708 -- If either ACK07 or ACK08 are present, then the others are required.
4. ACK09 P0910 -- If either ACK09 or ACK10 are present, then the others are required.
5. ACK11 P1112 -- If either ACK11 or ACK12 are present, then the others are required.
6. ACK13 P1314 -- If either ACK13 or ACK14 are present, then the others are required.
7. ACK15 P1516 -- If either ACK15 or ACK16 are present, then the others are required.
8. ACK17 P1718 -- If either ACK17 or ACK18 are present, then the others are required.
9. ACK19 P1920 -- If either ACK19 or ACK20 are present, then the others are required.
10. ACK21 P2122 -- If either ACK21 or ACK22 are present, then the others are required.
11. ACK23 P2324 -- If either ACK23 or ACK24 are present, then the others are required.
12. ACK25 P2526 -- If either ACK25 or ACK26 are present, then the others are required.
13. ACK27 P2728 -- If either ACK27 or ACK28 are present, then the others are required.
14. ACK28 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.

SCH   Line Item Schedule

Pos: 3100   Max: 1
Detail - Optional
Loop: SCH   Elements: 4

To specify the data for scheduling a specific line-item

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SCH01	**380**	**Quantity**	**M**	**R**	**1/15**	**Must use**
		Description: Numeric value of quantity				
SCH02	**355**	**Unit or Basis for Measurement Code**	**M**	**ID**	**2/2**	**Must use**
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		User Note 1:				
		Must equal the unit of measure as ordered by the buyer. See Table IV of the Appendix for Unit of Measure Code values.				
SCH05	**374**	**Date/Time Qualifier**	**M**	**ID**	**3/3**	**Must use**
		Description: Code specifying type of date or time, or both date and time				
		User Note 1:				
		Only the following codes will be accepted:				

Code	Name
069	Promised for Delivery
079	Promised for Shipment

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SCH06	**373**	**Date**	**M**	**DT**	**8/8**	**Must use**
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				

Syntax:

1. SCH03   C0304 -- If SCH03 is present, then SCH04 is required
2. SCH08   L080910 -- If SCH08 is present, then at least one of SCH09 or SCH10 is required.
3. SCH09   C0908 -- If SCH09 is present, then SCH08 is required
4. SCH10   C1008 -- If SCH10 is present, then SCH08 is required

Semantics:

1.   SCH12 is the schedule identification.

Comments:

1.   SCH05 specifies the interpretation to be used for SCH06 and SCH07.

N9 Reference Identification

Pos: 3500   Max: 1
Detail - Optional
Loop: N9   Elements: 2

To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N901	128	**Reference Identification Qualifier**	M	ID	2/3	**Must use**

Description: Code qualifying the Reference Identification

Code	Name
TD	Reason for Change

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N903	369	**Free-form Description**	M	AN	1/45	**Must use**

Description: Free-form descriptive text

Syntax:

1. N902   R0203 -- At least one of N902 or N903 is required.
2. N906   C0605 -- If N906 is present, then N905 is required

Semantics:

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

SE Transaction Set Trailer

Pos: 0300   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	**Number of Included Segments**	M	N0	1/10	**Must use**

Description: Total number of segments included in a transaction set including ST and SE segments

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE02	329	**Transaction Set Control Number**	M	AN	4/9	**Must use**

Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

User Note 1:
Must be identical to the transaction set control number in the ST segment

Comments:

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