

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>	<u>Usage</u>
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:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
LOOP ID - PO1					100000	N2/0100L	
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	N2/3100L	
3100	SCH	Line Item Schedule	O	1		N2/3100	Used
LOOP ID - N9					1000		
3500	N9	Reference Identification	O	1			Used

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>Usage</u>
0300	SE	Transaction Set Trailer	M	1			Must use

Notes:

- 2/0100L PO102 is required.
- 2/0100 PO102 is required.
- 2/3100L 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.
- 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

User Option (Usage): Must use

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>	<u>Usage</u>
ST01	143	Transaction Set Identifier Code Description: Code uniquely identifying a Transaction Set <i>Use 855 only.</i>	M	ID	3/3	Must use
ST02	329	Transaction Set Control Number 855 Purchase Order Acknowledgment 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. <i>Must be unique within the group.</i>	M	AN	4/9	Must use

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

User Option (Usage): Must use

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>	<u>Usage</u>
BAK01	353	Transaction Set Purpose Code Description: Code identifying purpose of transaction set <i>Only the following codes will be accepted:</i> Code Name 00 Original 06 Confirmation	M	ID	2/2	Must use
BAK02	587	Acknowledgment Type Description: Code specifying the type of acknowledgment <i>Only the following codes will be accepted:</i> 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	M	ID	2/2	Must use
BAK03	324	Purchase Order Number Description: Identifying number for Purchase Order assigned by the orderer/purchaser	M	AN	1/22	Must use
BAK04	373	Date Description: Date expressed as CCYYMMDD	M	DT	8/8	Must use
BAK05	328	Release Number Description: Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction	O	AN	1/30	Used
BAK07	367	Contract Number Description: Contract number	O	AN	1/30	Used
BAK08	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <i>One of the following codes is required to identify the type of acknowledgement:</i> 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 availability) 7 (Detail change with availability) 8 (Header change and detail change with no availability) 9 (Header change and detail change with availability)	O	AN	1/30	Used
BAK09	373	Date Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	O	DT	8/8	Used

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

User Option (Usage): Used

To specify transportation instructions relating to shipment

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
FOB01	146	Shipment Method of Payment Description: Code identifying payment terms for transportation charges <i>Only the following codes will be accepted:</i> Code Name CC Collect DF Defined by Buyer and Seller PC Prepaid but Charged to Customer PP Prepaid (by Seller) PU Pickup	M	ID	2/2	Must use
FOB06	309	Location Qualifier Description: Code identifying type of location <i>Only the following codes will be accepted:</i> Code Name CI City DE Destination (Shipping) OR Origin (Shipping Point)	C	ID	1/2	Used
FOB07	352	Description Description: A free-form description to clarify the related data elements and their content	O	AN	1/80	Used

Syntax Rules:

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

User Option (Usage): Used

To specify terms of sale

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ITD01	336	Terms Type Code Description: Code identifying type of payment terms <i>Only the following codes will be accepted:</i> Code Name 05 Discount Not Applicable 06 Mixed 08 Basic Discount Offered	C	ID	2/2	Used
ITD02	333	Terms Basis Date Code Description: Code identifying the beginning of the terms period <i>Only the following codes will be accepted:</i> Code Name 3 Invoice Date 5 Invoice Receipt Date	O	ID	1/2	Used
ITD03	338	Terms Discount Percent 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 <i>Ex. 2% is expressed as 2 or 2.0</i>	O	R	1/6	Used
ITD05	351	Terms Discount Days Due Description: Number of days in the terms discount period by which payment is due if terms discount is earned	C	N0	1/3	Used
ITD07	386	Terms Net Days Description: Number of days until total invoice amount is due (discount not applicable)	O	N0	1/3	Used
ITD13	765	Day of Month Description: The numeric value of the day of the month between 1 and the maximum day of the month being referenced	C	N0	1/2	Used

Syntax Rules:

1. L03040513 - If ITD03 is present, then at least one of ITD04, ITD05 or ITD13 is required.
2. L08040513 - If ITD08 is present, then at least one of ITD04, ITD05 or ITD13 is required.
3. 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

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

User Option (Usage): Used

To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N901	128	Reference Identification Qualifier Description: Code qualifying the Reference Identification <i>TD equals reason for change and is the only acceptable code.</i>	M	ID	2/3	Must use
N903	369	Code Name TD Reason for Change Free-form Description Description: Free-form descriptive text	M	AN	1/45	Used

Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.
2. 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

User Option (Usage): Used

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>	<u>Usage</u>
PO101	350	Assigned Identification Description: Alphanumeric characters assigned for differentiation within a transaction set <i>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.</i>	O	AN	1/20	Used
PO102	330	Quantity Ordered Description: Quantity ordered	M	R	1/15	Used
PO103	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>Must equal the unit of measure as ordered by the buyer. See Table IV for Unit of Measurement Code values.</i>	O	ID	2/2	Used
PO104	212	Unit Price Description: Price per unit of product, service, commodity, etc. <i>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.</i>	C	R	1/17	Used
PO106	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) <i>MF=Manufacturer</i> <i>PI=Purchaser's Item Code</i> <i>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".</i> <i>VP=Vendor's Part Number</i>	C	ID	2/2	Used
PO107	234	Code Name MF Manufacturer PI Purchaser's Item Code VP Vendor's (Seller's) Part Number Product/Service ID Description: Identifying number for a product or service <i>PO108 through PO111 are repeating pairs of data elements 235 and 234.</i>	C	AN	1/48	Used
PO108	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) <i>If the PO108 or the PO109 is present, the other is</i>	C	ID	2/2	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<i>required.</i>				
		Code Name				
		MF Manufacturer				
		PI Purchaser's Item Code				
		VP Vendor's (Seller's) Part Number				
PO109	234	Product/Service ID	C	AN	1/48	Used
		Description: Identifying number for a product or service				
		<i>If the PO108 or the PO109 is present, the other is required.</i>				
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)				
		<i>If the PO110 or the PO111 is present, the other is required.</i>				
		Code Name				
		MF Manufacturer				
		PI Purchaser's Item Code				
		VP Vendor's (Seller's) Part Number				
PO111	234	Product/Service ID	C	AN	1/48	Used
		Description: Identifying number for a product or service				
		<i>If the PO110 or the PO111 is present, the other is required.</i>				

Syntax Rules:

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

User Option (Usage): Used

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 Description: Code specifying the action taken by the seller on a line item requested by the buyer <i>Only the following codes will be accepted:</i> <table border="0"> <tr> <td>Code</td> <td>Name</td> </tr> <tr> <td>AR</td> <td>Item Accepted and Released for Shipment</td> </tr> <tr> <td>IB</td> <td>Item Backordered</td> </tr> <tr> <td>IC</td> <td>Item Accepted - Changes Made</td> </tr> <tr> <td>IR</td> <td>Item Rejected</td> </tr> </table>	Code	Name	AR	Item Accepted and Released for Shipment	IB	Item Backordered	IC	Item Accepted - Changes Made	IR	Item Rejected	M	ID	2/2	Must use
Code	Name															
AR	Item Accepted and Released for Shipment															
IB	Item Backordered															
IC	Item Accepted - Changes Made															
IR	Item Rejected															
ACK02	380	Quantity Description: Numeric value of quantity <i>If either the ACK02 or the ACK03 is present, the other is required.</i>	C	R	1/15	Used										
ACK03	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>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.</i>	C	ID	2/2	Used										

Syntax Rules:

1. P0203 - If either ACK02 or ACK03 is present, then the other is required.
2. C0405 - If ACK04 is present, then ACK05 is required.
3. P0708 - If either ACK07 or ACK08 is present, then the other is required.
4. P0910 - If either ACK09 or ACK10 is present, then the other is required.
5. P1112 - If either ACK11 or ACK12 is present, then the other is required.
6. P1314 - If either ACK13 or ACK14 is present, then the other is required.
7. P1516 - If either ACK15 or ACK16 is present, then the other is required.
8. P1718 - If either ACK17 or ACK18 is present, then the other is required.
9. P1920 - If either ACK19 or ACK20 is present, then the other is required.
10. P2122 - If either ACK21 or ACK22 is present, then the other is required.
11. P2324 - If either ACK23 or ACK24 is present, then the other is required.
12. P2526 - If either ACK25 or ACK26 is present, then the other is required.
13. P2728 - If either ACK27 or ACK28 is present, then the other is required.
14. C282729 - If ACK28 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

User Option (Usage): Used

To specify the data for scheduling 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>	<u>Usage</u>
SCH01	380	Quantity Description: Numeric value of quantity	M	R	1/15	Must use
SCH02	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>Must equal the unit of measure as ordered by the buyer. See Table IV of the Appendix for Unit of Measure Code values.</i>	M	ID	2/2	Must use
SCH05	374	Date/Time Qualifier Description: Code specifying type of date or time, or both date and time <i>Only the following codes will be accepted:</i>	M	ID	3/3	Must use
SCH06	373	Code Name 069 Promised for Delivery 079 Promised for Shipment Date Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M	DT	8/8	Must use

Syntax Rules:

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

User Option (Usage): Used

To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N901	128	Reference Identification Qualifier Description: Code qualifying the Reference Identification	M	ID	2/3	Must use
		Code Name				
		TD Reason for Change				
N903	369	Free-form Description Description: Free-form descriptive text	M	AN	1/45	Must use

Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.
2. 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

User Option (Usage): Must use

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>	<u>Usage</u>
SE01	96	Number of Included Segments Description: Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Must use
SE02	329	Transaction Set Control Number Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <i>Must be identical to the transaction set control number in the ST segment</i>	M	AN	4/9	Must use

Comments:

- SE is the last segment of each transaction set.

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