



Purchase Order Acknowledgement Specification

EDI 855

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ASC/X12 004 010

Implementation Guideline Description

Used to Acknowledge, Cancel, and Backorder Items

855 Purchase Order Acknowledgment

TABLE 1

USER REQ	REQ. DES.	MAX USE	POS NO.	SEGMENT ID	SEGMENT NAME
Must Use	M	1	10	ST	Transaction Set Header
Must Use	M	1	15	BAK	Beginning Segment for Purchase Order Acknowledgment

TABLE 2

USER REQ	REQ. DES.	MAX USE	POS NO.	SEGMENT ID	SEGMENT NAME
Must Use	M	1	10	LOOP ID - PO1	MAX: 100000
				PO1	Baseline Item Data
	M	3	270	LOOP ID - ACK	MAX: >1
				ACK	Line Item Acknowledgment
	C	3	290	N9	Reference Identification
Must Use	M	1	25	CTT	Transaction Totals
Must Use	M	1	30	SE	Transaction Set Trailer

**ST****ST** ◦ **Transaction Set Header**

User Req: MUST USE
Table/Area: 1
Loop: N/A
Loop Section: N/A
Position: 0010
Max Use: 1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	M	ST01	143	Transaction Set Identifier Code	ID	3	3
	M	ST02	329	Transaction Set Control Number	AN	4	9

BAK ◦ Beginning Segment for Purchase Order Acknowledgment

BAK

User Req: MUST USE
Table/Area: 1
Loop: N/A
Loop Section: N/A
Position: 0015
Max Use: 1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
Must Use	M	BAK01	353	Transaction Set Purpose Code	ID	2	2
				00 Original			
Must Use	M	BAK02	587	Acknowledgment Type	ID	2	2
				AC Acknowledge - With Detail and Change			
Must Use	M	BAK03	324	Purchase Order Number	AN	1	22
			Level 1 Note: "PartnerPO": "1599999999",				
Must Use	M	BAK04	373	Date	DT	8	8
			Level 1 Note: "OrderDate": "2015-11-13T18:34:52.411Z",				
Must Use	M	BAK08	127	Reference Identification	AN	1	30
			Level 1 Note: "AcknowledgementNumber": "ACK5566",				
Must Use	M	BAK09	373	Date	DT	8	8
			Level 1 Note: "DocumentDate": "2016-02-15T19:32:00.070Z",				

**PO1****PO1^c Baseline Item Data**

User Req: USED
 Table/Area: 2
 Loop: PO1
 Loop Section: PO1
 Position: 0010
 Max Use: 1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
Must Use	M	PO101	350	Assigned Identification	AN	1	20
			Level 1 Note: "LineNumber": 01,				
	O	PO102	330	Quantity Ordered	R	1	15
			Level 1 Note: "Name": "QuantityOrdered",				
	O	PO103	355	Unit or Basis for Measurement Code	ID	2	2
			Level 1 Note: "Name": "QuantityOrderedUOM", <table><tr><td>EA</td><td>Each</td></tr></table>				
EA	Each						
Must Use	M	PO106	235	Product/Service ID Qualifier	ID	2	2
			<table><tr><td>VN</td><td>Vendor's (Seller's) Item Number</td></tr></table>				
VN	Vendor's (Seller's) Item Number						
Must Use	M	PO107	234	Product/Service ID	AN	1	48
			Level 1 Note: "SupplierSKU": "V-123123",				
	O	PO108	235	Product/Service ID Qualifier	ID	2	2
			<table><tr><td>IN</td><td>Buyer's Item Number</td></tr></table>				
IN	Buyer's Item Number						
	X	PO109	234	Product/Service ID	AN	1	48
			Level 1 Note: "PartnerSKU": "1234567",				
	O	PO110	235	Product/Service ID Qualifier	ID	2	2
			<table><tr><td>UP</td><td>U.P.C. Consumer Package Code (1-5-5-1)</td></tr></table>				
UP	U.P.C. Consumer Package Code (1-5-5-1)						
	X	PO111	234	Product/Service ID	AN	1	48
			Level 1 Note: UPC: "0123456789012"				

Syntax Notes: If 03 is present, then 02 is required.

If 05 is present, then 04 is required.

If any of 06 or 07 are present, then all are required.

If any of 08 or 09 are present, then all are required.

If any of 10 or 11 are present, then all are required.

If any of 12 or 13 are present, then all are required.

If any of 14 or 15 are present, then all are required.

If any of 16 or 17 are present, then all are required.

If any of 18 or 19 are present, then all are required.

If any of 20 or 21 are present, then all are required.

If any of 22 or 23 are present, then all are required.

If any of 24 or 25 are present, then all are required.

ACK ◦ **Line Item Acknowledgment****ACK**

Purpose is to provide the quantity of line items that are accepted, cancelled or backordered.

User Req: MUST USE
Table/Area: 2
Loop: ACK
Loop Section: PO1;ACK
Position: 0270
Max Use: 3

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
Must Use	M	ACK01	668	Line Item Status Code	ID	2	2
				IA	Item Accepted		
				IB	Item Backordered		
				IR	Item Rejected		
Must Use	M	ACK02	380	Quantity	R	1	15
	O	ACK03	355	Unit or Basis for Measurement Code	ID	2	2
			Level 1 Note: "QuantityUOM": "EA",				
				EA	Each		
	C	ACK04	374	Date/Time Qualifier	ID	3	3
				068	Current Schedule Ship		
	X	ACK05	373	Date	DT	8	8

Syntax Notes: If any of 02 or 03 are present, then all are required.
 If 04 is present, then 05 is required.

Purpose: Purpose is to provide the quantity of line items that are accepted, cancelled or backordered. **Set Note:** The Qualifiers and the Quantity in ACK02 and Date in ACK05 will map accordingly..

IA =

"Quantity": 2

"Name": "ACK - Date",

IR =

"QuantityCancelled": 0,

IB =

"QuantityBackordered": 0,

"Name": "ACK - Date Qualifier_BO",

****Date is required if you are backordering Items**

N9

N9 Reference Identification

Used to describe change. If item is cancelled this field must be used.

User Req: USED
Table/Area: 2
Loop: ACK
Loop Section: PO1;ACK
Position: 0290
Max Use: 3

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	M	N901	128	Reference Identification Qualifier	ID	2	3
				TD Reason for Change			
	X	N903	369	Free-form Description	AN	1	45
			Level 1 Note: "ChangeReason": "ItemLevelChange",				

Syntax Notes: At least one of 02 and 03 is required.
If 06 is present, then 05 is required.

Purpose: Used to describe change. If item is cancelled this field must be used.

Set Note: Must use this segment if you are cancelling items in ACK (if ACK01 is IR)

**CTT** ◦ **Transaction Totals****CTT**

User Req: MUST USE
Table/Area: 2
Loop: N/A
Loop Section: N/A
Position: 0025
Max Use: 1

Data Element Summary

User	Req.	Ref.	Data	Element	Data Min	Max
Req	Des.	Des.	Element	Name	Type Len.	Len.
	M	CTT01	354	Number of Line Items	N0 1	6

Syntax Notes: If any of 03 or 04 are present, then all are required.
If any of 05 or 06 are present, then all are required.



SE ◦ **Transaction Set Trailer****SE**

User Req: MUST USE
Table/Area: 2
Loop: N/A
Loop Section: N/A
Position: 0030
Max Use: 1

Data Element Summary

User	Req.	Ref.	Data	Element	Data Min	Max
Req	Des.	Des.	Element	Name	Type	Len. Len.
	M	SE01	96	Number of Included Segments	N0	1 10
	M	SE02	329	Transaction Set Control Number	AN	4 9