cencora

855 Purchase Order Acknowledgment

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Functional Group ID=PR

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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 and Product ID used in the 855 transaction, must match the Qualifier Code and Product ID used in the EDI 850 transaction sent by Cencora.**

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	M	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**

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

User Attribute	Ref. Des.	Data Element	Name	Attributes
M	ST01	143	**Transaction Set Identifier Code**	M ID 3/3
			Code uniquely identifying a Transaction Set	
M	ST02	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	

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: 1 **If items are backordered (BAK|06|) is used estimated delivery date is required in ACK04/05.**

Notes: Example: BAK|00|AC|AB12345|20150901|||||20150901~

Data Element Summary

User Attribute	Ref. Des.	Data Element	Name		Attributes
M	BAK01	353	**Transaction Set Purpose Code**		M ID 2/2
			Code identifying purpose of transaction set		
			00	Original	
			06	Confirmation Used when a backorder notification has been sent but now the product is available. *If used, must also use BAK02 Acknowledgement Type AC*	
M	BAK02	587	**Acknowledgment Type**		M ID 2/2
			Code specifying the type of acknowledgment		
			AC	Acknowledge - With Detail and Change	
			AD	Acknowledge - With Detail, No Change	
			RD	Reject with Detail	
M	BAK03	324	**Purchase Order Number**		M AN 1/22
			Assigned by AB in Transaction 850-BEG03		
M	BAK04	373	**Date**		M DT 8/8
			Purchase order date assigned by AB in Transaction 850-BEG05 Format is CCYYMMDD		
	BAK09	373	**Date**		O DT 8/8
			Date order loaded to the supplier's application system. Assigned by supplier. Format is CCYYMMDD		

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.

Comments:

1 **Header DTM is default preference if all items have same delivery date. If items have different delivery dates utilize DTM in ACK04/05 and omit this Header DTM.**

Notes: Example: DTM|067|20150930~

Data Element Summary

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

			Segment:	**N1** Name

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|AB CHICAGO DIVISION|11|RA0322824~

Data Element Summary

User Attribute	Ref. Des.	Data Element	Name		Attributes
M	N101	98	**Entity Identifier Code**		**M ID 2/3**

Code identifying an organizational entity, a physical location, property or an individual

ST		Ship To
SU		Supplier/Manufacturer
BS		Bill To and Ship To

	N102	93	**Name**		**X AN 1/60**

Free-form name

	N103	66	**Identification Code Qualifier**		**X ID 1/2**

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)
91		Unique ID
UL		GLN/UCC/EAN Location Code

	N104	67	**Identification Code**		**X AN 2/80**

Code identifying a party or other code

PO1 Baseline Item Data

Segment:	010
Position:	PO1 Mandatory
Loop:	Detail
Level:	Mandatory
Usage:	1
Max Use:	
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.
4 **If price change in ACK01 new price must be used in PO104**
5 **The Product Qualifier Code and Product ID used here, must match the code used in the EDI 850 transaction sent by Cencora.**

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

Data Element Summary

User Attribute	Ref. Des.	Data Element	Name	Attributes
	PO101	350	**Assigned Identification**	**M AN 1/20**
			The line item identification number as provided by the AB in the 850-PO101	
	PO102	330	**Quantity Ordered**	**M R 1/15**
			The quantity provided by the AB in the 850-PO102.	
	PO103	355	**Unit or Basis for Measurement Code**	**M ID 2/2**
			The basis for measurement code provided by the AB in the 850 -PO103	

CA   Case
DE   Deal
DZ   Dozen
EA   Each
PK   Package

User Attribute	Ref. Des.	Data Element	Name	Attributes
	PO104	212	**Unit Price**	**C R 1/17**
			Price per unit of product, service, commodity, etc.	
	PO106	235	**Product/Service ID Qualifier**	**M ID 2/2**
			The qualifier provided by the AB in the 850-PO106	

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
UI	U.P.C. Consumer Package Code (1-5-5)
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)
UN	U.P.C. Case Code Number (1-1-5-5)
UX	Universal Product Number
VC	Vendor's (Seller's) Catalog Number

PO107   **234**   **Product/Service ID**   **M**   **AN 1/48**

Identifying number for a product or service.

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: **1. The Product Qualifier Code and Product ID used here, must match the code used in the EDI 850 transaction sent by Cencora.**
         2. If unable to identify specific change level prioritize ACK01 codes IA, IB, IR.

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

Data Element Summary

User Attribute	Ref. Des.	Data Element	Name		Attributes
M	ACK01	668	**Line Item Status Code**	M	**ID 2/2**

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

Ref. Des.	Data Element	Name		Attributes
ACK02	380	**Quantity**	M	**R 1/15**

Numeric value of quantity

Ref. Des.	Data Element	Name		Attributes
ACK03	355	**Unit or Basis for Measurement Code**	M	**ID 2/2**

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

Ref. Des.	Data Element	Name		Attributes
ACK04	374	**Date/Time Qualifier**	O	**ID 3/3**

Current schedule delivery date.

067	Current Schedule Delivery

ACK05   373   **Date**   X   DT 8/8
            Date expressed as CCYYMMD

ACK07   235   **Product/Service ID Qualifier**   M   ID 2/2

            The qualifier provided by the AB in the 850 PO106

            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)
            UI   U.P.C. Consumer Package Code (1-5-5)
            UK   U.P.C./EAN Shipping Container Code (1-2-5-5-1)
            UP   U.P.C. Consumer Package Code (1-5-5-1) U.P.C.
            UN   Case Code Number (1-1-5-5)
            UX   Universal Product Number
            VC   Vendor's (Seller's) Catalog Number

ACK08   234   **Product/Service ID**   M   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

User Attribute	Ref. Des.	Data Element	Name	Attributes
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

User Attribute	Ref. Des.	Data Element	Name	Attributes
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|AB12345|20150901|||||20150901~

DTM|067|20150930~

N1|ST|AB 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~