



**Health Industry Business Communications Council -  
eBusiness Committee**

# 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.

**Notes:**

This guideline represents the Animal Health Industry requirements created by the American Veterinary Distributors Association (AVDA).

**Heading:**

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
M	010	ST	Transaction Set Header	M	1		
M	020	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1		
	050	REF	Reference Identification	O	>1		
	150	DTM	Date/Time Reference	O	10		
LOOP ID - N9						1000	
	280	N9	Reference Identification	O	1		
Not Rec	290	MSG	Message Text	O	1000		
LOOP ID - N1						200	
	300	N1	Name	O	1		
Not Rec	310	N2	Additional Name Information	O	2		
Not Rec	320	N3	Address Information	O	2		
Not Rec	330	N4	Geographic Location	O	1		

**Detail:**

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
LOOP ID - PO1						100000	
	010	PO1	Baseline Item Data	O	1		n1
LOOP ID - ACK						104	

	270	ACK	Line Item Acknowledgment	O	1	
			LOOP ID - N9		1000	
	350	N9	Reference Identification	O	1	
Not Rec	360	MSG	Message Text	O	1000	

**Summary:**

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
			LOOP ID - CTT			1	
	010	CTT	Transaction Totals	O	1		n2
M	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  
**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:**

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set	M ID 3/3
		855	Purchase Order Acknowledgment	
M	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9

**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**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	BAK01	353	<b>Transaction Set Purpose Code</b> Code identifying purpose of transaction set	M ID 2/2
			00 Original	
			01 Cancellation	
			04 Change	
			05 Replace	
			06 Confirmation	
			08 Status	
			12 Not Processed	
			14 Advance Notification	
			16 Proposed	
			18 Reissue	
			22 Information Copy	
M	BAK02	587	<b>Acknowledgment Type</b> Code specifying the type of acknowledgment	M ID 2/2
			AC Acknowledge - With Detail and Change	
			AD Acknowledge - With Detail, No Change	
			AE Acknowledge - With Exception Detail Only	
			AK Acknowledge - No Detail or Change	
			AP Acknowledge - Product Replenishment	
			RJ Rejected - No Detail	
M	BAK03	324	<b>Purchase Order Number</b> Identifying number for Purchase Order assigned by the orderer/purchaser	M AN 1/22
M	BAK04	373	<b>Date</b> Date expressed as CCYYMMDD	M DT 8/8
	BAK05	328	<b>Release Number</b> Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction	O AN 1/30
	BAK06	326	<b>Request Reference Number</b> Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number)	O AN 1/45
	BAK07	367	<b>Contract Number</b> Contract number	O AN 1/30
	BAK08	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as	O AN 1/30

**BAK09**      **373**      specified by the Reference Identification Qualifier  
**Date**      **O DT 8/8**  
Date expressed as CCYYMMDD

**Segment:** **REF** Reference Identification  
**Position:** 050  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

**Semantic Notes:**

- 1 REF04 contains data relating to the value cited in REF02.

**Comments:**

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification BD Bid Number BK Broker's Order Number BL Government Bill of Lading BT Batch Number CA Cost Allocation Reference CO Customer Order Number CR Customer Reference Number CT Contract Number DH Drug Enforcement Administration Number DP Department Number IV Seller's Invoice Number JA Beginning Job Sequence Number JE Ending Job Sequence Number LT Lot Number MH Manufacturing Order Number PD Promotion/Deal Number PR Price Quote Number RE Release Number RQ Purchase Requisition Number SA Salesperson SE Serial Number SH Sender Defined Clause SR Sales Responsibility ST Store Number TX Tax Exempt Number VC Vendor Contract Number VN Vendor Order Number	M ID 2/3
	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
Not Rec	REF03	352	<b>Description</b> A free-form description to clarify the related data elements and their content	X AN 1/80

**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.

**Semantic Notes:**  
**Comments:**

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time 002 Delivery Requested 010 Requested Ship 017 Estimated Delivery 055 Confirmed 067 Current Schedule Delivery 068 Current Schedule Ship	<b>M ID 3/3</b>
	DTM02	373	<b>Date</b> Date expressed as CCYYMMDD	<b>X DT 8/8</b>
	DTM03	337	<b>Time</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	<b>X TM 4/8</b>
	DTM04	623	<b>Time Code</b> Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow CT Central Time ET Eastern Time MT Mountain Time PT Pacific Time	<b>O ID 2/2</b>

**Segment:** 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**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	N901	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification E4 Charge Card Number L1 Letters or Notes PSM Credit Card	M ID 2/3
	N902	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier If code value in N901 is E4 or PSM, trading partners should mutually agree on the use and storage of credit card information in addition to the values and/or formats used to transmit credit card data.	X AN 1/30
	N903	369	<b>Free-form Description</b> Free-form descriptive text	X AN 1/45
	N904	373	<b>Date</b> Date expressed as CCYYMMDD	O DT 8/8
	N907	C040	<b>Reference Identifier</b> To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O
M	C04001	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification 0F Subscriber Number BV Purchase Order Line Item Identifier (Buyer) C3 Customer specification number CR Customer Reference Number IL Internal Order Number	M ID 2/3
M	C04002	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
	C04003	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification	X ID 2/3
	C04004	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30



**Segment:** **MSG** Message Text  
**Position:** 290  
**Loop:** N9 Optional  
**Level:** Heading  
**Usage:** Optional (Not Recommended)  
**Max Use:** 1000  
**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.  
**Comments:** 1 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.  
**Notes:** Not Recommended by HIBCC.

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	MSG01	933	Free-Form Message Text Free-form message text	M AN 1/264

**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**

Ref.	Data Element	Name	Attributes
M	<b>N101</b>	<b>Entity Identifier Code</b>	<b>M ID 2/3</b>
		Code identifying an organizational entity, a physical location, property or an individual	
		BG Buying Group	
		BS Bill and Ship To	
		BT Bill-to-Party	
		BY Buying Party (Purchaser)	
		CN Consignee	
		DB Distributor Branch	
		DS Distributor	
		EN End User	
		FP Name on Credit Card	
		MA Party for whom Item is Ultimately Intended	
		MF Manufacturer of Goods	
		SE Selling Party	
		SF Ship From	
		SN Store	
		SO Sold To If Different From Bill To	
		ST Ship To	
		VN Vendor	
		WH Warehouse	
Not Rec	<b>N102</b>	<b>Name</b>	<b>X AN 1/60</b>
		Free-form name	
	<b>N103</b>	<b>Identification Code Qualifier</b>	<b>X ID 1/2</b>
		Code designating the system/method of code structure used for Identification Code (67)	
		1 D-U-N-S Number, Dun & Bradstreet	
		2 Standard Carrier Alpha Code (SCAC)	
		8 UCC/EAN Global Product Identification Prefix	
		The first part of a UCC/EAN Product Identification Code within the Uniform Code Council (UCC) and International Article Number Association (EAN) numbering system; A globally unique 3 to 10 digit code for the identification of the company assigning the remainder of the ID code, such as U.P.C., EAN-13, SCC-14, EAN-14 or SSCC-18	

- 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix
- 10 Department of Defense Activity Address Code (DODAAC)
- 11 Drug Enforcement Administration (DEA)
- 21 Health Industry Number (HIN)
- 91 Assigned by Seller or Seller's Agent
- 92 Assigned by Buyer or Buyer's Agent
- LI Labeler Identification Code (LIC)

**N104**

**67**

**Identification Code**

**X AN 2/80**

Code identifying a party or other code

**Segment:** N2 Additional Name Information  
**Position:** 310  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional (Not Recommended)  
**Max Use:** 2  
**Purpose:** To specify additional names or those longer than 35 characters in length  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:** Not Recommended by HIBCC.

**Data Element Summary**

	<b>Ref.</b>	<b>Data</b>		<b>Attributes</b>
	<b>Des.</b>	<b>Element</b>	<b>Name</b>	
M	N201	93	Name Free-form name	M AN 1/60
	N202	93	Name Free-form name	O AN 1/60

**Segment:** N3 Address Information  
**Position:** 320  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional (Not Recommended)  
**Max Use:** 2  
**Purpose:** To specify the location of the named party  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:** Not Recommended by HIBCC.

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	N301	166	Address Information Address information	M AN 1/55
	N302	166	Address Information Address information	O AN 1/55

**Segment:** **N4 Geographic Location**  
**Position:** 330  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional (Not Recommended)  
**Max Use:** 1  
**Purpose:** To specify the geographic place of the named party  
**Syntax Notes:** 1 If N406 is present, then N405 is required.  
**Semantic Notes:**  
**Comments:** 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.  
2 N402 is required only if city name (N401) is in the U.S. or Canada.  
**Notes:** Not Recommended by HIBCC.

**Data Element Summary**

<b>Ref.</b>	<b>Data</b>	<b>Attributes</b>
<b>Des.</b>	<b>Element Name</b>	
<b>N401</b>	<b>19 City Name</b> Free-form text for city name	<b>O AN 2/30</b>
<b>N402</b>	<b>156 State or Province Code</b> Code (Standard State/Province) as defined by appropriate government agency	<b>O ID 2/2</b>
<b>N403</b>	<b>116 Postal Code</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	<b>O ID 3/15</b>

**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:**  
**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.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
PO101	350	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set	O AN 1/20
PO102	330	<b>Quantity Ordered</b> Quantity ordered	X R 1/15
PO103	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
PO104	212	<b>Unit Price</b> Price per unit of product, service, commodity, etc.	X R 1/17
PO105	639	<b>Basis of Unit Price Code</b> Code identifying the type of unit price for an item CA Catalog CT Contract PE Price per Each PR Promotion UM Price per Unit of Measure	O ID 2/2
PO106	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) AT Assortability Code CB Buyer's Catalog Number CE Class of Contract Code CG Commodity Grouping CR Contract Number DG Discount Grouping FS National Stock Number HI HIBC (Health Care Industry Bar Code)	X ID 2/2

IN	Buyer's Item Number
LT	Lot Number
MF	Manufacturer
MG	Manufacturer's Part Number
N1	National Drug Code in 4-4-2 Format 4-digit manufacturer ID, 4-digit product ID, 2-digit trade package size
N2	National Drug Code in 5-3-2 Format 5-digit manufacturer ID, 3-digit product ID, 2-digit trade package size
N3	National Drug Code in 5-4-1 Format 5-digit manufacturer ID, 4-digit product ID, 1-digit trade package size
N4	National Drug Code in 5-4-2 Format 5-digit manufacturer ID, 4-digit product ID, 2-digit trade package size
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
PL	Purchaser's Order Line Number
SN	Serial Number
TP	Product Type Code
UK	U.P.C./EAN Shipping Container Code (1-2-5-5-1) A 14-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator and check digit; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digits are the manufacturer ID number, the second five digits are the item code, and the final digit is the check digit
UP	U.P.C. Consumer Package Code (1-5-5-1)
VC	Vendor's (Seller's) Catalog Number

<b>PO107</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/48</b>
		Identifying number for a product or service		
<b>PO108</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to POI06 for code values.		
<b>PO109</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/48</b>
		Identifying number for a product or service		
<b>PO110</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to POI06 for code values.		
<b>PO111</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/48</b>
		Identifying number for a product or service		
<b>PO112</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to POI06 for code values.		
<b>PO113</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/48</b>
		Identifying number for a product or service		



**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**

Ref.	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	
		AC Item Accepted and Shipped	
		AR Item Accepted and Released for Shipment	
		BP Item Accepted - Partial Shipment, Balance Backordered	
		IA Item Accepted	
		IB Item Backordered	
		IC Item Accepted - Changes Made	
		ID Item Deleted	
		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	X R 1/15
		Numeric value of quantity	
	ACK03	355 Unit or Basis for Measurement Code	X ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
	ACK04	374 Date/Time Qualifier	O ID 3/3
		Code specifying type of date or time, or both date and time	
		002 Delivery Requested	
		010 Requested Ship	
		017 Estimated Delivery	
		055 Confirmed	
		067 Current Schedule Delivery	

		068	Current Schedule Ship	
		100	No Shipping Schedule Established as of	
<b>ACK05</b>	<b>373</b>	<b>Date</b>		<b>X DT 8/8</b>
		Date expressed as CCYYMMDD		
<b>ACK06</b>	<b>326</b>	<b>Request Reference Number</b>		<b>O AN 1/45</b>
		Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number)		
<b>ACK07</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>		<b>X ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		AT	Assortability Code	
		CB	Buyer's Catalog Number	
		CE	Class of Contract Code	
		CG	Commodity Grouping	
		CR	Contract Number	
		DG	Discount Grouping	
		FS	National Stock Number	
		HI	HIBC (Health Care Industry Bar Code)	
		IN	Buyer's Item Number	
		LT	Lot Number	
		MF	Manufacturer	
		MG	Manufacturer's Part Number	
		N1	National Drug Code in 4-4-2 Format	
			4-digit manufacturer ID, 4-digit product ID, 2-digit trade package size	
		N2	National Drug Code in 5-3-2 Format	
			5-digit manufacturer ID, 3-digit product ID, 2-digit trade package size	
		N3	National Drug Code in 5-4-1 Format	
			5-digit manufacturer ID, 4-digit product ID, 1-digit trade package size	
		N4	National Drug Code in 5-4-2 Format	
			5-digit manufacturer ID, 4-digit product ID, 2-digit trade package size	
		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	
		PL	Purchaser's Order Line Number	
		SN	Serial Number	
		TP	Product Type Code	
		UK	U.P.C./EAN Shipping Container Code (1-2-5-5-1)	
			A 14-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator and check digit; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digits are the manufacturer ID number, the second five digits are the item code, and the final digit is the check digit	
		UP	U.P.C. Consumer Package Code (1-5-5-1)	
		VC	Vendor's (Seller's) Catalog Number	
<b>ACK08</b>	<b>234</b>	<b>Product/Service ID</b>		<b>X AN 1/48</b>
		Identifying number for a product or service		

<b>ACK09</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Refer to ACK07 for code values.		
<b>ACK10</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/48</b>
		Identifying number for a product or service		
<b>ACK11</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Refer to ACK07 for code values.		
<b>ACK12</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/48</b>
		Identifying number for a product or service		

**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.

**Comments:**

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	N901	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification E4 Charge Card Number L1 Letters or Notes PSM Credit Card	M ID 2/3
	N902	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier If code value in N901 is E4 or PSM, trading partners should mutually agree on the use and storage of credit card information in addition to the values and/or format used to transmit credit card data.	X AN 1/30
	N903	369	<b>Free-form Description</b> Free-form descriptive text	X AN 1/45
	N907	C040	<b>Reference Identifier</b> To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O
M	C04001	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification 0F Subscriber Number BV Purchase Order Line Item Identifier (Buyer) C3 Customer specification number CR Customer Reference Number IL Internal Order Number	M ID 2/3
M	C04002	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
	C04003	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification	X ID 2/3
	C04004	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30

**Segment:** **MSG** Message Text  
**Position:** 360  
**Loop:** N9 Optional  
**Level:** Detail  
**Usage:** Optional (Not Recommended)  
**Max Use:** 1000  
**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.  
**Comments:** 1 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.  
**Notes:** Not Recommended by HIBCC.

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	MSG01	933	Free-Form Message Text Free-form message text	M AN 1/264

**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**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	CTT01	354	Number of Line Items Total number of line items in the transaction set	M N0 1/6

**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

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