



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

# 845 Price Authorization Acknowledgment/Status

Functional Group ID=**PA**

**Introduction:**

This X12 Transaction Set contains the format and establishes the data content of the Price Authorization Acknowledgment/Status Transaction Set (845) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by a vendor or manufacturer to transmit specific data relative to the status of or changes to outstanding price authorizations.

**Notes:**

This transaction is used to allow Manufacturer's to provide Distributors with contract information between the Manufacturer and the End User of the product or service.

**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	0100	ST	Transaction Set Header	M	1		
M	0200	BPA	Beginning Segment for Price Authorization Acknowledgment/Status	M	1		
	0300	NTE	Note/Special Instruction	O	10		
	0400	REF	Reference Information	O	12		
	0500	PER	Administrative Communications Contact	O	3		
	0600	DTM	Date/Time Reference	O	10		
LOOP ID - N1						10000	
	0700	N1	Party Identification	O	1		
	0800	N2	Additional Name Information	O	2		
	0900	N3	Party Location	O	2		
	1000	N4	Geographic Location	O	1		
	1100	REF	Reference Information	O	12		
	1200	PER	Administrative Communications Contact	O	3		
	1300	DTM	Date/Time Reference	O	10		

**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 - CON						10000	
M	0100	CON	Contract Number Detail	M	1		

0200	REF	Reference Information	O	>1
0400	DTM	Date/Time Reference	O	10
<b>LOOP ID - N1</b>				<b>&gt;1</b>
0500	N1	Party Identification	O	1
0600	N2	Additional Name Information	O	2
0700	N3	Party Location	O	2
0800	N4	Geographic Location	O	1
0975	REF	Reference Information	O	1
1100	DTM	Date/Time Reference	O	2
<b>LOOP ID - PAD</b>				<b>&gt;1</b>
1200	PAD	Product Adjustment Detail	O	1
1400	PID	Product/Item Description	O	200
1600	UIT	Unit Detail	O	20
1700	QTY	Quantity Information	O	5
2200	DTM	Date/Time Reference	O	2
<b>LOOP ID - LIN</b>				<b>1</b>
2300	LIN	Item Identification	O	1
<b>LOOP ID - CTP</b>				<b>&gt;1</b>
3100	CTP	Pricing Information	O	1
3200	DTM	Date/Time Reference	O	10

**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>
M	0100	CTT	Transaction Totals	M	1		n1
M	0200	SE	Transaction Set Trailer	M	1		

**Transaction Set Notes**

1. Number of line items (CTT01) is the accumulation of the number of CON segments. If used, hash total (CTT02) is the sum of the quantities (QTY02) for each QTY segment.

**Segment:** **ST** Transaction Set Header  
**Position:** 0100  
**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).
- 2 The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

**Comments:**

**Data Element Summary**

<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
<b><u>Des.</u></b>	<b><u>Element</u></b>	<b><u>Name</u></b>	<b><u>Attributes</u></b>
M	ST01	143 <b>Transaction Set Identifier Code</b> Code uniquely identifying a Transaction Set Refer to 005010 Data Element Dictionary for acceptable code values.	M 1 ID 3/3
M	ST02	329 <b>Transaction Set Control Number</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M 1 AN 4/9
	ST03	1705 <b>Implementation Convention Reference</b> Reference assigned to identify Implementation Convention	O 1 AN 1/35

**Segment:** **BPA** Beginning Segment for Price Authorization Acknowledgment/Status

**Position:** 0200

**Loop:**

**Level:** Heading

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To identify the beginning of a Price Authorization Acknowledgment/Status Transaction Set

**Syntax Notes:** 1 If either BPA03 or BPA04 is present, then the other is required.

**Semantic Notes:** 1 BPA02 is the price authorization status date.

2 BPA05 is the price authorization status time.

**Comments:**

#### Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	BPA01	353	<b>Transaction Set Purpose Code</b> Code identifying purpose of transaction set 00 Original 01 Cancellation 04 Change 05 Replace 18 Reissue 56 Expiration Notification	M 1 ID 2/2
M	BPA02	373	<b>Date</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year Date of transmission, not contract related.	M 1 DT 8/8

**Segment:** **NTE** Note/Special Instruction  
**Position:** 0300  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 10  
**Purpose:** To transmit information in a free-form format, if necessary, for comment or special instruction

**Syntax Notes:**

**Semantic Notes:**

**Comments:** 1 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processible. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

**Notes:** NOT RECOMMENDED BY HIBCC.

**Data Element Summary**

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
NTE01	363	Note Reference Code	O	1 ID 3/3
		Code identifying the functional area or purpose for which the note applies		
		GEN Entire Transaction Set		
M	NTE02	352 Description	M	1 AN 1/80
		A free-form description to clarify the related data elements and their content		

**Segment:** **REF** Reference Information  
**Position:** 0400  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 12  
**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 BC Buyer's Contract Number C2 Customer process specification number CE Class of Contract Code P1 Previous Contract Number VC Vendor Contract Number	M 1 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 1 AN 1/50

**Segment:** **PER Administrative Communications Contact**  
**Position:** 0500  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 3  
**Purpose:** To identify a person or office to whom administrative communications should be directed  
**Syntax Notes:**

- 1 If either PER03 or PER04 is present, then the other is required.
- 2 If either PER05 or PER06 is present, then the other is required.
- 3 If either PER07 or PER08 is present, then the other is required.

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

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	PER01	366	<b>Contact Function Code</b> Code identifying the major duty or responsibility of the person or group named CD Contract Contact CN General Contact IC Information Contact RC Rebate/Chargeback Contact	M 1 ID 2/2
	PER02	93	<b>Name</b> Free-form name	O 1 AN 1/60
	PER03	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number EM Electronic Mail FX Facsimile TE Telephone UR Uniform Resource Locator (URL)	X 1 ID 2/2
	PER04	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	X 1 AN 1/256
	PER05	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number EM Electronic Mail FX Facsimile TE Telephone UR Uniform Resource Locator (URL)	X 1 ID 2/2
	PER06	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	X 1 AN 1/256
	PER07	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number EM Electronic Mail FX Facsimile TE Telephone UR Uniform Resource Locator (URL)	X 1 ID 2/2
	PER08	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	X 1 AN 1/256

**Segment:** **DTM** Date/Time Reference  
**Position:** 0600  
**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	M 1 ID 3/3
			092 Contract Effective	
			093 Contract Expiration	
			124 Group Contract Effective	
			125 Group Contract Expiration	
			129 Customer Contract Effective	
			130 Customer Contract Expiration	
	DTM02	373	<b>Date</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year Effective or Expiration Date of Contract, depending on qualifier in DTM_01.	X 1 DT 8/8



**Segment:** **N1 Party Identification**  
**Position:** 0700  
**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:** Although ANSI indicates this is an optional segment, it is mandatory that all Manufacturer's provide this segment.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>	<u>Entity Identifier Code</u>	<u>M 1 ID 2/3</u>
M	N101	98	
		Code identifying an organizational entity, a physical location, property or an individual	
		1C Group Purchasing Organization (GPO)	
		BG Buying Group	
		BS Bill and Ship To	
		BT Bill-to-Party	
		BY Buying Party (Purchaser)	
		CN Consignee	
		DB Distributor Branch	
		EB Eligible Party To The Contract	
		EN End User	
		MF Manufacturer of Goods	
		SE Selling Party	
		SF Ship From	
		SN Store	
		SO Sold To If Different From Bill To	
		ST Ship To	
		SU Supplier/Manufacturer	
		VN Vendor	
		WL Wholesaler	
	N102	93	X 1 AN 1/60
		Name	
		Free-form name	
	N103	66	X 1 ID 1/2
		Identification Code Qualifier	
		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)	
		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	

<b>N104</b>	<b>67</b>	92 <b>Identification Code</b> Code identifying a party or other code	Assigned by Buyer or Buyer's Agent	<b>X</b>	<b>1 AN 2/80</b>
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**Segment:** **N2** Additional Name Information  
**Position:** 0800  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify additional names  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:**

Although this is an optional segment, it is 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 1 AN 1/60
	N202	93	Name Free-form name	O 1 AN 1/60

**Segment:** **N3 Party Location**  
**Position:** 0900  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify the location of the named party  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:**

Although ANSI indicates this is an optional segment, it is mandatory that all Manufacturer's provide this segment, if used at this level. The address is used to validate end customer data.

**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 1 AN 1/55
			Address1 information of party identified in N1_01.	
	N302	166	Address Information Address information	O 1 AN 1/55
			Address2 information of party identified in N1_01.	

**Segment:** **N4 Geographic Location**  
**Position:** 1000  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the geographic place of the named party  
**Syntax Notes:**

- 1 Only one of N402 or N407 may be present.
- 2 If N406 is present, then N405 is required.
- 3 If N407 is present, then N404 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:** Although ANSI indicates this is an optional segment, it is mandatory that all Manufacturer's provide this segment, if used at this level. The address is used to validate end customer data.

#### Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
N401	19	City Name	O 1 AN 2/30
		Free-form text for city name	
		City Name of party identified in N1_01.	
N402	156	State or Province Code	X 1 ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency	
		State of party identified in N1_01.	
N403	116	Postal Code	O 1 ID 3/15
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	
		Zip Code of party identified in N1_01.	
N404	26	Country Code	X 1 ID 2/3
		Code identifying the country	
		Country code of party identified in N1_01, if required.	

**Segment:** **REF** Reference Information  
**Position:** 1100  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 12  
**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	M 1 ID 2/3
			11 Account Number Number identifies a telecommunications industry account	
			DH Drug Enforcement Administration Number	
			HI Health Industry Number (HIN)	
			TD Reason for Change	
	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X 1 AN 1/50
			A	
			C	
			D	
			X	

**Segment:** **PER Administrative Communications Contact**  
**Position:** 1200  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 3  
**Purpose:** To identify a person or office to whom administrative communications should be directed  
**Syntax Notes:**

- 1 If either PER03 or PER04 is present, then the other is required.
- 2 If either PER05 or PER06 is present, then the other is required.
- 3 If either PER07 or PER08 is present, then the other is required.

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

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	PER01	366	<b>Contact Function Code</b> Code identifying the major duty or responsibility of the person or group named CD Contract Contact CN General Contact IC Information Contact RC Rebate/Chargeback Contact	M 1 ID 2/2
	PER02	93	<b>Name</b> Free-form name	O 1 AN 1/60
	PER03	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number EM Electronic Mail FX Facsimile TE Telephone UR Uniform Resource Locator (URL)	X 1 ID 2/2
	PER04	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	X 1 AN 1/256
	PER05	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number EM Electronic Mail FX Facsimile TE Telephone UR Uniform Resource Locator (URL)	X 1 ID 2/2
	PER06	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	X 1 AN 1/256
	PER07	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number EM Electronic Mail FX Facsimile TE Telephone UR Uniform Resource Locator (URL)	X 1 ID 2/2
	PER08	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	X 1 AN 1/256

**Segment:** **DTM** Date/Time Reference  
**Position:** 1300  
**Loop:** N1 Optional  
**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.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M	<b>DTM01</b>	<b>374</b>	<b>Date/Time Qualifier</b>	<b>M 1 ID 3/3</b>
			Code specifying type of date or time, or both date and time	
			092 Contract Effective	
			093 Contract Expiration	
			124 Group Contract Effective	
			125 Group Contract Expiration	
			129 Customer Contract Effective	
			130 Customer Contract Expiration	
	<b>DTM02</b>	<b>373</b>	<b>Date</b>	<b>X 1 DT 8/8</b>
			Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	



**Segment:** **CON** Contract Number Detail  
**Position:** 0100  
**Loop:** CON Mandatory  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify contract or reference number and status  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	CON01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification CT Contract Number VC Vendor Contract Number	M 1 ID 2/3
M	CON02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Manufacturer's Contract Number.	M 1 AN 1/50
M	CON03	846	<b>Contract Status Code</b> Code designating the current status of the contract CA Contract Award CC Contract Cancelled CM Contract Modified CR Contract Renewed DL Deleted Contract EX Expired Contract GS General Suspension IA Inactive OC Original Contract RA Reissue TA Terminated	M 1 ID 2/2

**Segment:** **REF** Reference Information  
**Position:** 0200  
**Loop:** CON Mandatory  
**Level:** Detail  
**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 BC Buyer's Contract Number C2 Customer process specification number CE Class of Contract Code CT Contract Number P1 Previous Contract Number PL Price List Number YB Revision Number	M 1 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 1 AN 1/50
	REF03	352	<b>Description</b> A free-form description to clarify the related data elements and their content	X 1 AN 1/80

**Segment:** **DTM** Date/Time Reference  
**Position:** 0400  
**Loop:** CON Mandatory  
**Level:** Detail  
**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.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	DTM01	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time	M 1 ID 3/3
			001 Cancel After	
			092 Contract Effective	
			093 Contract Expiration	
			695 Previous Period	
			Range of previous activity	
	DTM02	373	<b>Date</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	X 1 DT 8/8

**Segment:** **N1 Party Identification**  
**Position:** 0500  
**Loop:** N1 Optional  
**Level:** Detail  
**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:** Although ANSI indicates this is an optional segment, it is mandatory that all Manufacturer's provide this segment, if using at this level.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
M	N101	98 <b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual	M 1 ID 2/3
		BG Buying Group	
		BS Bill and Ship To	
		BT Bill-to-Party	
		BY Buying Party (Purchaser)	
		CN Consignee	
		DB Distributor Branch	
		DS Distributor	
		EB Eligible Party To The Contract	
		EN End User	
		MF Manufacturer of Goods	
		SE Selling Party	
		SF Ship From	
		SN Store	
		SO Sold To If Different From Bill To	
		ST Ship To	
		SU Supplier/Manufacturer	
		VN Vendor	
		WL Wholesaler	
	N102	93 <b>Name</b> Free-form name	X 1 AN 1/60
	N103	66 <b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67)	X 1 ID 1/2
		1 D-U-N-S Number, Dun & Bradstreet	
		2 Standard Carrier Alpha Code (SCAC)	
		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	
	N104	67 <b>Identification Code</b>	X 1 AN 2/80

Code identifying a party or other code

**Segment:** **N2** Additional Name Information  
**Position:** 0600  
**Loop:** N1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify additional names  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:**

Although this segment is optional, it is 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 1 AN 1/60
	N202	93	Name Free-form name	O 1 AN 1/60

**Segment:** N3 Party Location  
**Position:** 0700  
**Loop:** N1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify the location of the named party  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:**

Although ANSI indicates this is an optional segment, it is mandatory that all Manufacturer's provide this segment, if used at this level. The address is used to validate end customer data.

**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 1 AN 1/55
			Address1 information of party identified in N1_01.	
	N302	166	Address Information Address information	O 1 AN 1/55
			Address2 information of party identified in N1_01.	

**Segment:** **N4 Geographic Location**  
**Position:** 0800  
**Loop:** N1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the geographic place of the named party  
**Syntax Notes:**

- 1 Only one of N402 or N407 may be present.
- 2 If N406 is present, then N405 is required.
- 3 If N407 is present, then N404 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:** Although ANSI indicates this is an optional segment, it is mandatory that all Manufacturer's provide this segment, if used at this level. The address is used to validate end customer data.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<b>N401</b>	<b>19</b>	<b>City Name</b> Free-form text for city name City of party identified in N1_01.	<b>O 1 AN 2/30</b>
<b>N402</b>	<b>156</b>	<b>State or Province Code</b> Code (Standard State/Province) as defined by appropriate government agency State of party identified in N1_01.	<b>X 1 ID 2/2</b>
<b>N403</b>	<b>116</b>	<b>Postal Code</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States) Zip Code of party identified in N1_01.	<b>O 1 ID 3/15</b>
<b>N404</b>	<b>26</b>	<b>Country Code</b> Code identifying the country Country Code of party identified in N1_01, if required.	<b>X 1 ID 2/3</b>



**Segment:** **REF** Reference Information  
**Position:** 0975  
**Loop:** N1 Optional  
**Level:** Detail  
**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 11 Account Number Number identifies a telecommunications industry account DH Drug Enforcement Administration Number HI Health Industry Number (HIN) TD Reason for Change	M 1 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 "A" to be used for Customer Add "D" to be used for Customer Delete "C" to be used to indicate a change to the Member Eligibility Date "R" to be used when no change to Customer, only to items	X 1 AN 1/50

**Segment:** **DTM** Date/Time Reference

**Position:** 1100

**Loop:** N1 Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** 2

**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.</u> <u>Des.</u>	<u>Data</u> <u>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 129 Customer Contract Effective 130 Customer Contract Expiration	M 1 ID 3/3
	DTM02	373	<b>Date</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	X 1 DT 8/8

**Segment:** **PAD** Product Adjustment Detail  
**Position:** 1200  
**Loop:** PAD Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the product transfer type, and/or line item number  
**Syntax Notes:** 1 At least one of PAD01 or PAD02 is required.  
 2 If either PAD04 or PAD05 is present, then the other is required.  
**Semantic Notes:** 1 PAD01 is the line item identification.  
**Comments:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<b>PAD01</b>	<b>350</b>	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set	<b>X 1 AN 1/20</b>
<b>PAD02</b>	<b>521</b>	<b>Product Transfer Type Code</b> Code identifying the type of product transfer CS Contract Sale PA Price adjustment	<b>X 1 ID 2/2</b>
<b>PAD03</b>	<b>670</b>	<b>Change or Response Type Code</b> Code specifying the type of change to the line item AI Add Additional Item(s) CA Changes To Line Items CT Change of Dates DI Delete Item(s) PC Price Change	<b>O 1 ID 2/2</b>

**Segment:** **PID** Product/Item Description

**Position:** 1400

**Loop:** PAD Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** 200

**Purpose:** To describe a product or process in coded or free-form format

**Syntax Notes:**

- 1 If PID04 is present, then PID03 is required.
- 2 At least one of PID04 or PID05 is required.
- 3 If PID07 is present, then PID03 is required.
- 4 If PID08 is present, then PID04 is required.
- 5 If PID09 is present, then PID05 is required.

**Semantic Notes:**

- 1 Use PID03 to indicate the organization that publishes the code list being referred to.
- 2 PID04 should be used for industry-specific product description codes.
- 3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
- 4 PID09 is used to identify the language being used in PID05.

**Comments:**

- 1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
- 2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.
- 3 PID07 specifies the individual code list of the agency specified in PID03.

#### Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	PID01	349 Item Description Type Code indicating the format of a description F Free-form	M 1 ID 1/1
	PID05	352 Description A free-form description to clarify the related data elements and their content	X 1 AN 1/80

**Segment:** **UIT** Unit Detail  
**Position:** 1600  
**Loop:** PAD Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 20  
**Purpose:** To specify item unit data  
**Syntax Notes:** 1 If UIT03 is present, then UIT02 is required.  
**Semantic Notes:**  
**Comments:**  
**Notes:**

This segment is not to be used for Contract Pricing.

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	UIT01	C001	<b>Composite Unit of Measure</b> To identify a composite unit of measure (See Figures Appendix for examples of use)	M 1
M	C00101	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 BX Box CA Case CT Carton EA Each SP Shelf Package UN Unit	M ID 2/2
	UIT02	212	<b>Unit Price</b> Price per unit of product, service, commodity, etc.	X 1 R 1/17
	UIT03	639	<b>Basis of Unit Price Code</b> Code identifying the type of unit price for an item Refer to 005010 Data Element Dictionary for acceptable code values.	O 1 ID 2/2

**Segment:** QTY Quantity Information  
**Position:** 1700  
**Loop:** PAD Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 5  
**Purpose:** To specify quantity information  
**Syntax Notes:** 1 At least one of QTY02 or QTY04 is required.  
 2 Only one of QTY02 or QTY04 may be present.  
**Semantic Notes:** 1 QTY04 is used when the quantity is non-numeric.  
**Comments:**

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	QTY01	673	<b>Quantity Qualifier</b> Code specifying the type of quantity Refer to 005010 Data Element Dictionary for acceptable code values.	M 1 ID 2/2
	QTY02	380	<b>Quantity</b> Numeric value of quantity	X 1 R 1/15
	QTY03	C001	<b>Composite Unit of Measure</b> To identify a composite unit of measure (See Figures Appendix for examples of use)	O 1
M	C00101	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 BX Box CA Case CT Carton EA Each SP Shelf Package UN Unit	M ID 2/2
	QTY04	61	<b>Free-form Information</b> Free-form information	X 1 AN 1/30

**Segment:** **DTM** Date/Time Reference  
**Position:** 2200  
**Loop:** PAD Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 2  
**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.</u> <u>Des.</u>	<u>Data</u> <u>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 007 Effective 036 Expiration Date coverage expires 131 Item Contract Effective 132 Item Contract Expiration	M 1 ID 3/3
	DTM02	373	<b>Date</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	X 1 DT 8/8

**Segment:** **LIN** Item Identification  
**Position:** 2300  
**Loop:** LIN Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify basic item identification data  
**Syntax Notes:**

- 1 If either LIN04 or LIN05 is present, then the other is required.
- 2 If either LIN06 or LIN07 is present, then the other is required.
- 3 If either LIN08 or LIN09 is present, then the other is required.
- 4 If either LIN10 or LIN11 is present, then the other is required.
- 5 If either LIN12 or LIN13 is present, then the other is required.
- 6 If either LIN14 or LIN15 is present, then the other is required.
- 7 If either LIN16 or LIN17 is present, then the other is required.
- 8 If either LIN18 or LIN19 is present, then the other is required.
- 9 If either LIN20 or LIN21 is present, then the other is required.
- 10 If either LIN22 or LIN23 is present, then the other is required.
- 11 If either LIN24 or LIN25 is present, then the other is required.
- 12 If either LIN26 or LIN27 is present, then the other is required.
- 13 If either LIN28 or LIN29 is present, then the other is required.
- 14 If either LIN30 or LIN31 is present, then the other is required.

**Semantic Notes:**

- 1 LIN01 is the line item identification

**Comments:**

- 1 See the Data Dictionary for a complete list of IDs.
- 2 LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

#### Data Element Summary

Ref.	Data	Attributes	
<u>Des.</u>	<u>Element</u>	<u>Name</u>	
LIN01	350	Assigned Identification	O 1 AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction set	
M	LIN02	235	Product/Service ID Qualifier M 1 ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		BP	Buyer's Part Number
		CG	Commodity Grouping
		CR	Contract Number
		DP	Discontinued Part Number
		HI	HIBC (Health Care Industry Bar Code) Supplier Labeling Standard Primary Data Message The primary data message consists of the LIC (Labeler Identification Code), product catalog number, and unit-of-measure identifier
		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
		N4	National Drug Code in 5-4-2 Format 5-digit manufacturer ID, 4-digit product ID, 2-digit trade package size
		ND	National Drug Code (NDC)
		R1	Replacement Subassembly Model Number
		SR	Substitute Product Number
		UP	UCC - 12 Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN). Also known as the



UX Universal Product Code (U.P.C.)  
 Universal Product Number  
 A unique identifier of a healthcare product  
 VC Vendor's (Seller's) Catalog Number  
 VN Vendor's (Seller's) Item Number  
 VP Vendor's (Seller's) Part Number

M	LIN03	234	<b>Product/Service ID</b> Identifying number for a product or service	M	1 AN 1/48
	LIN04	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) See LIN_02 for code values.	X	1 ID 2/2
	LIN05	234	<b>Product/Service ID</b> Identifying number for a product or service	X	1 AN 1/48
	LIN06	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) See LIN_02 for code values. Refer to 005010 Data Element Dictionary for acceptable code values.	X	1 ID 2/2
	LIN07	234	<b>Product/Service ID</b> Identifying number for a product or service	X	1 AN 1/48

**Segment:** **CTP Pricing Information**  
**Position:** 3100  
**Loop:** CTP Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify pricing information  
**Syntax Notes:**

- 1 If either CTP04 or CTP05 is present, then the other is required.
- 2 If CTP06 is present, then CTP07 is required.
- 3 If CTP09 is present, then CTP02 is required.
- 4 If CTP10 is present, then CTP02 is required.
- 5 If CTP11 is present, then CTP03 is required.

**Semantic Notes:**

- 1 CTP07 is a multiplier factor to arrive at a final discounted price. A multiplier of .90 would be the factor if a 10% discount is given.
- 2 CTP08 is the rebate amount.

**Comments:**

- 1 See Figures Appendix for an example detailing the use of CTP03 and CTP04. See Figures Appendix for an example detailing the use of CTP03, CTP04 and CTP07.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
CTP01	687	<b>Class of Trade Code</b> Code indicating class of trade DI Distributor MF Manufacturer WH Wholesaler WS User	O 1 ID 2/2
CTP02	236	<b>Price Identifier Code</b> Code identifying pricing specification C01 Contract Tier 1 C02 Contract Tier 2 C03 Contract Tier 3 C04 Contract Tier 4 C05 Contract Tier 5 C06 Contract Tier 6 C07 Contract Tier 7 C08 Contract Tier 8 C09 Contract Tier 9 C10 Contract Tier 10 CON Contract Price DIS Distributor's Price INS Institutional Price INV Invoice Billing Price LPR List Price PBQ Unit Price Beginning Quantity SLP Suggested List Price STA Standard Price Indicates a standard unit price, including all surcharges	X 1 ID 3/3
CTP03	212	<b>Unit Price</b> Price per unit of product, service, commodity, etc.	X 1 R 1/17
CTP04	380	<b>Quantity</b> Numeric value of quantity	X 1 R 1/15

	<b>CTP05</b>	<b>C001</b>	<b>Composite Unit of Measure</b>	<b>X</b>	<b>1</b>	
			To identify a composite unit of measure (See Figures Appendix for examples of use)			
<b>M</b>	<b>C00101</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b>	<b>M</b>	<b>ID 2/2</b>	
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
			BX                      Box			
			CA                      Case			
			CT                      Carton			
			EA                      Each			
			SP                      Shelf Package			
			UN                      Unit			
	<b>CTP06</b>	<b>648</b>	<b>Price Multiplier Qualifier</b>	<b>O</b>	<b>1 ID 3/3</b>	
			Code indicating the type of price multiplier			
			DIS                      Discount Multiplier			
			SEL                      Selling Multiplier			
	<b>CTP07</b>	<b>649</b>	<b>Multiplier</b>	<b>X</b>	<b>1 R 1/10</b>	
			Value to be used as a multiplier to obtain a new value			
	<b>CTP08</b>	<b>782</b>	<b>Monetary Amount</b>	<b>O</b>	<b>1 R 1/18</b>	
			Monetary amount			
	<b>CTP09</b>	<b>639</b>	<b>Basis of Unit Price Code</b>	<b>O</b>	<b>1 ID 2/2</b>	
			Code identifying the type of unit price for an item			
			CT                      Contract			
			SR                      Suggested Retail			
	<b>CTP10</b>	<b>499</b>	<b>Condition Value</b>	<b>O</b>	<b>1 AN 1/10</b>	
			Identifies rate restrictions or provisions			
	<b>CTP11</b>	<b>289</b>	<b>Multiple Price Quantity</b>	<b>O</b>	<b>1 N0 1/2</b>	
			Quantity of units for a given price, e.g., 3 for \$10.00			

**Segment:** **DTM** **Date/Time Reference**  
**Position:** 3200  
**Loop:** CTP Optional  
**Level:** Detail  
**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	M 1 ID 3/3
			007 Effective	
			036 Expiration Date coverage expires	
			131 Item Contract Effective	
			132 Item Contract Expiration	
	DTM02	373	<b>Date</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	X 1 DT 8/8

**Segment:** **CTT** Transaction Totals  
**Position:** 0100  
**Loop:**  
**Level:** Summary  
**Usage:** Mandatory  
**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>Data</u>	<u>Name</u>	<u>Attributes</u>
M	CTT01	354 Number of Line Items	M 1 N0 1/6
		Total number of line items in the transaction set	
		Total number CON segments.	

**Segment:** **SE** Transaction Set Trailer  
**Position:** 0200  
**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	<b>Number of Included Segments</b> Total number of segments included in a transaction set including ST and SE segments	M 1 N0 1/10
M	SE02	329	<b>Transaction Set Control Number</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M 1 AN 4/9