

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.

Heading:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	0100	ST	Transaction Set Header	M	1	
M	0200	BPA	Beginning Segment for Price Authorization Acknowledgment/Status	M	1	
	0250	CUR	Currency	O	1	
Not Used	0300	NTE	Note/Special Instruction	O	10	
Not Used	0400	REF	Reference Information	O	12	
Not Used	0500	PER	Administrative Communications Contact	O	3	
	0600	DTM	Date/Time Reference	O	10	
LOOP ID - N1					10000	
	0700	N1	Party Identification	O	1	
Not Used	0800	N2	Additional Name Information	O	2	
	0900	N3	Party Location	O	2	
	1000	N4	Geographic Location	O	1	
Not Used	1100	REF	Reference Information	O	12	
	1200	PER	Administrative Communications Contact	O	3	
Not Used	1300	DTM	Date/Time Reference	O	10	

Detail:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
LOOP ID - CON					10000	
M	0100	CON	Contract Number Detail	M	1	
	0200	REF	Reference Information	O	>1	
Not Used	0300	PER	Administrative Communications Contact	O	3	
	0400	DTM	Date/Time Reference	O	10	
Not Used	0450	CTB	Restrictions/Conditions	O	10	
Not Used	0460	ITD	Terms of Sale/Deferred Terms of Sale	O	2	
LOOP ID - N1					>1	
	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	
Not Used	0900	REF	Reference Information	O	12	
Not Used	1000	PER	Administrative Communications Contact	O	3	
	1100	DTM	Date/Time Reference	O	2	

Not Used	1150	CTB	Restrictions/Conditions	O	25		
			LOOP ID - PAD	>1			
	1200	PAD	Product Adjustment Detail	O	1		
Not Used	1300	CTB	Restrictions/Conditions	O	10		
	1400	PID	Product/Item Description	O	200		
Not Used	1500	MEA	Measurements	O	40		
	1600	UIT	Unit Detail	O	20		
Not Used	1700	QTY	Quantity Information	O	5		
Not Used	1800	AMT	Monetary Amount Information	O	5		n1
Not Used	1900	CUR	Currency	O	1		
Not Used	2000	SSS	Product Special Services	O	1		
Not Used	2100	SHP	Shipped/Received Information	O	1		
	2200	DTM	Date/Time Reference	O	2		
			LOOP ID - LIN	1			
	2300	LIN	Item Identification	O	1		
Not Used	2350	G53	Maintenance Type	O	1		
Not Used	2400	SLN	Subline Item Detail	O	100		
			LOOP ID - N1	10000			
Not Used	2500	N1	Party Identification	O	1		
Not Used	2600	N2	Additional Name Information	O	2		
Not Used	2700	N3	Party Location	O	2		
Not Used	2800	N4	Geographic Location	O	1		
Not Used	2900	DTM	Date/Time Reference	O	10		
Not Used	3000	CTB	Restrictions/Conditions	O	25		
			LOOP ID - CTP	>1			
Not Used	3100	CTP	Pricing Information	O	1		
Not Used	3200	DTM	Date/Time Reference	O	10		
Not Used	3300	CTB	Restrictions/Conditions	O	25		
			LOOP ID - N1	10000			
Not Used	3400	N1	Party Identification	O	1		
Not Used	3500	N2	Additional Name Information	O	2		
Not Used	3600	N3	Party Location	O	2		
Not Used	3700	N4	Geographic Location	O	1		
Not Used	3800	DTM	Date/Time Reference	O	10		
Not Used	3900	CTB	Restrictions/Conditions	O	25		

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		n2
M	0200	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. The AMT segment is to be used only in cases where the amount cannot be computed from other detail.
2. 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.

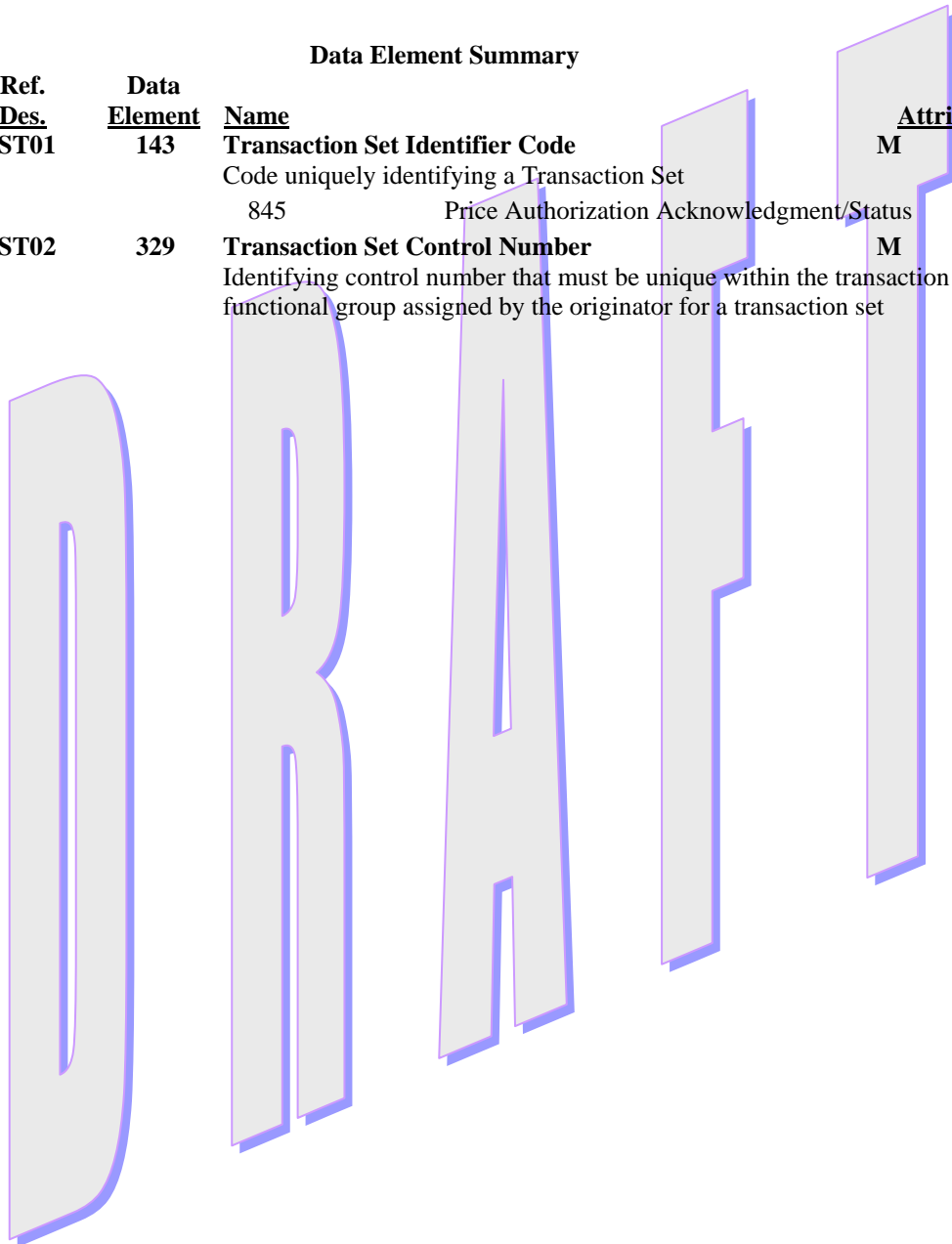
Segment: **ST** Transaction Set Header
Position: 0100
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes:

- 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

<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 1 ID 3/3
		845 Price Authorization Acknowledgment/Status	
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 1 AN 4/9



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. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	BPA01	353	Transaction Set Purpose Code Code identifying purpose of transaction set 00 Original 02 Add 03 Delete 04 Change	M 1 ID 2/2
M	BPA02	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M 1 DT 8/8
	BPA03	128	Reference Identification Qualifier Code qualifying the Reference Identification DD Document Identification Code	X 1 ID 2/3
	BPA04	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X 1 AN 1/50

Segment: **CUR** Currency
Position: 0250
Loop:
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the currency (dollars, pounds, francs, etc.) used in a transaction
Syntax Notes:

- 1 If CUR08 is present, then CUR07 is required.
- 2 If CUR09 is present, then CUR07 is required.
- 3 If CUR10 is present, then at least one of CUR11 or CUR12 is required.
- 4 If CUR11 is present, then CUR10 is required.
- 5 If CUR12 is present, then CUR10 is required.
- 6 If CUR13 is present, then at least one of CUR14 or CUR15 is required.
- 7 If CUR14 is present, then CUR13 is required.
- 8 If CUR15 is present, then CUR13 is required.
- 9 If CUR16 is present, then at least one of CUR17 or CUR18 is required.
- 10 If CUR17 is present, then CUR16 is required.
- 11 If CUR18 is present, then CUR16 is required.
- 12 If CUR19 is present, then at least one of CUR20 or CUR21 is required.
- 13 If CUR20 is present, then CUR19 is required.
- 14 If CUR21 is present, then CUR19 is required.

Semantic Notes:

Comments: 1 See Figures Appendix for examples detailing the use of the CUR segment.

Data Element Summary				
	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	CUR01	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual BY Buying Party (Purchaser)	M 1 ID 2/3
M	CUR02	100	Currency Code Code (Standard ISO) for country in whose currency the charges are specified	M 1 ID 3/3

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.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 092 Contract Effective 093 Contract Expiration	M 1 ID 3/3
	DTM02	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	X 1 DT 8/8

DRAFT

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.

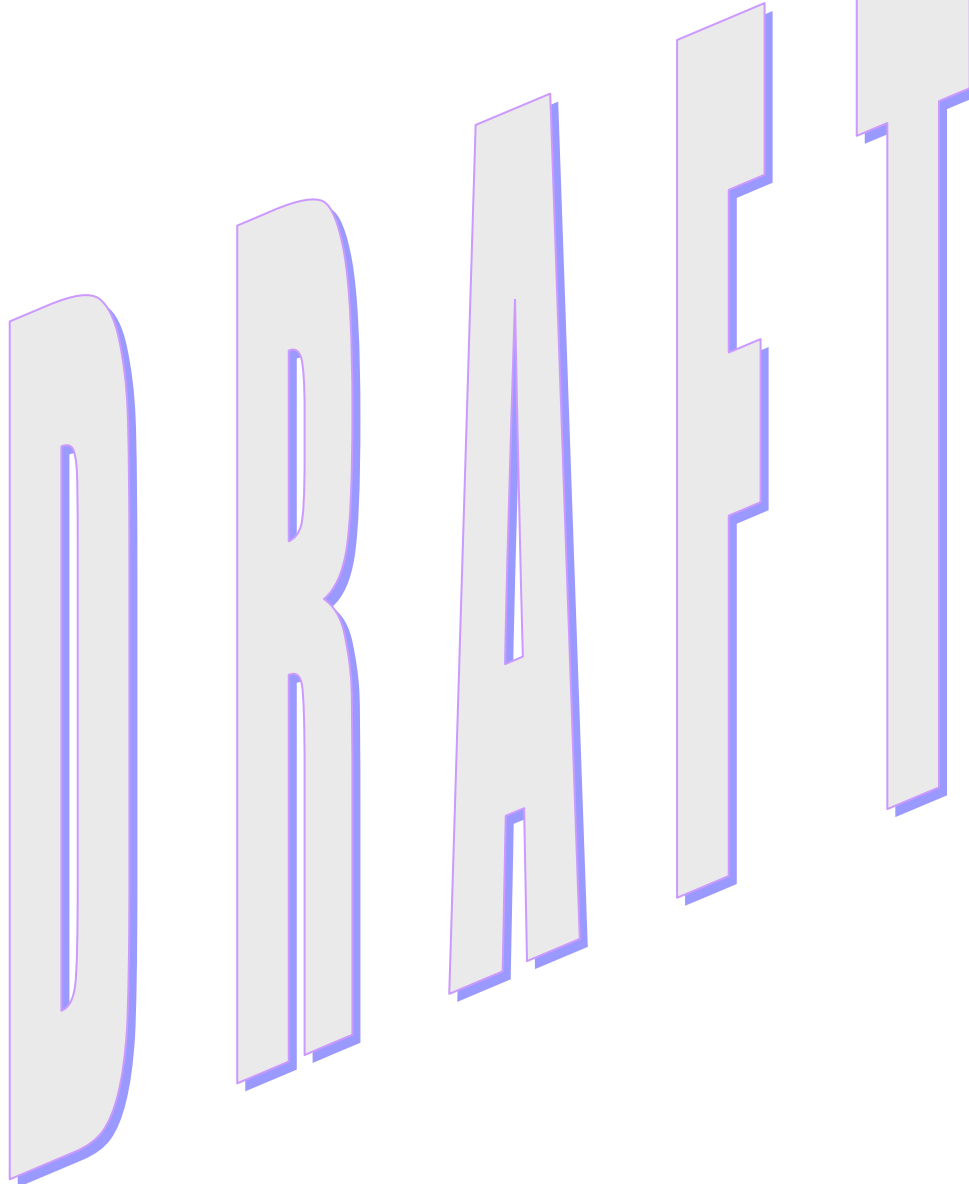
Data Element Summary

Ref.	Data Element	Name	Attributes	
			M	1 ID 2/3
M	N101	98 Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual BG Buying Group DS Distributor EP Eligible Party to the Rate SU Supplier/Manufacturer	M	1 ID 2/3
	N102	93 Name Free-form name	X	1 AN 1/60
	N103	66 Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix 21 Health Industry Number (HIN) UL Global Location Number (GLN) A globally unique 13 digit code for the identification of a legal, functional or physical location within the Uniform Code Council (UCC) and International Article Number Association (EAN) numbering system	X	1 ID 1/2
	N104	67 Identification Code Code identifying a party or other code	X	1 AN 2/80

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:

Data Element Summary

Ref.	Data Element	Name	Attributes
M	N301	Address Information Address information	M 1 AN 1/55
	N302	Address Information Address information	O 1 AN 1/55



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.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
			O	1
N401	19	City Name Free-form text for city name	O	1 AN 2/30
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	X	1 ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O	1 ID 3/15



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:

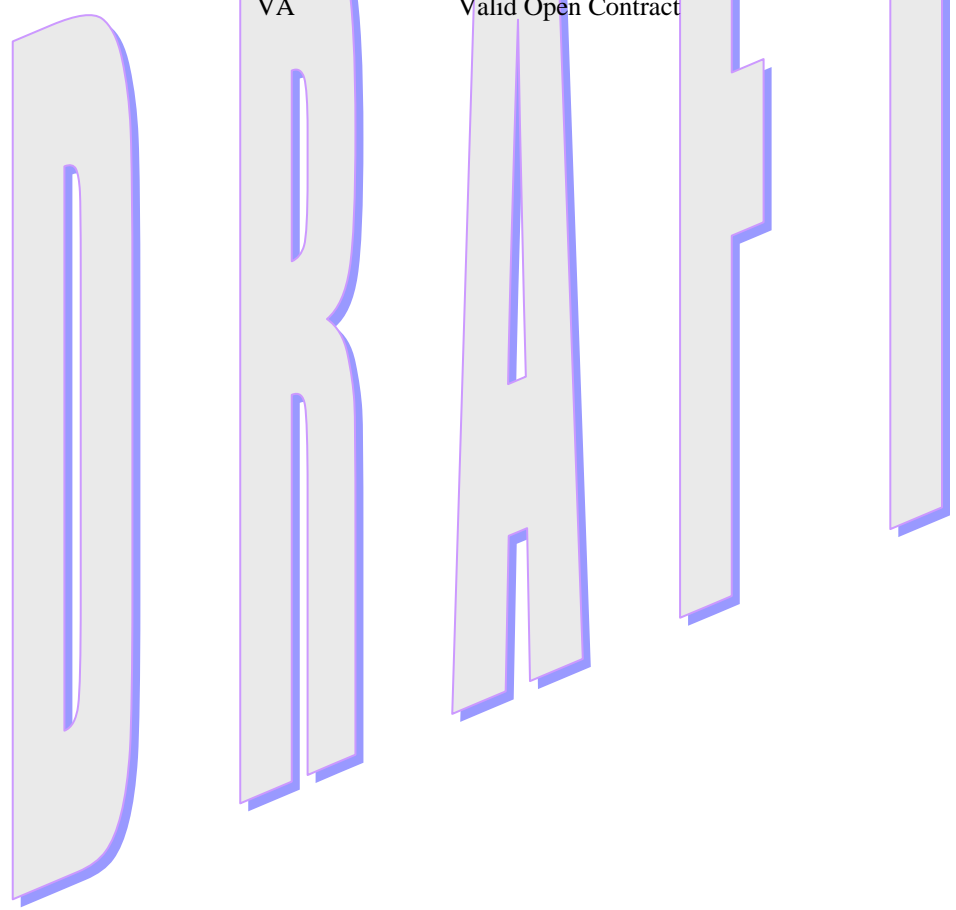
Data Element Summary

Ref.	Data Element	Name	Attributes
M	PER01	Contact Function Code Code identifying the major duty or responsibility of the person or group named CD Contract Contact	M 1 ID 2/2
	PER02	Name Free-form name	O 1 AN 1/60
	PER03	Communication Number Qualifier Code identifying the type of communication number EA Internet Email Address Internet based electronic mail address with a structure of "ADDRESSEE @ DOMAIN NAME . DOMAIN NAME EXTENSION" EM Electronic Mail TE Telephone	X 1 ID 2/2
	PER04	Communication Number Complete communications number including country or area code when applicable	X 1 AN 1/256

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.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	CON01	128	Reference Identification Qualifier Code qualifying the Reference Identification VC Vendor Contract Number	M 1 ID 2/3
M	CON02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M 1 AN 1/50
M	CON03	846	Contract Status Code Code designating the current status of the contract CC Contract Cancelled CM Contract Modified CR Contract Renewed OC Original Contract VA Valid Open Contract	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

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification YB Revision Number	O 1 ID 2/3
REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X 1 AN 1/50
REF03	352	Description A free-form description to clarify the related data elements and their content	X 1 AN 1/80
REF04	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O 1
M	C04001	128 Reference Identification Qualifier Code qualifying the Reference Identification Refer to 005010 Data Element Dictionary for acceptable code values.	M ID 2/3
M	C04002	127 Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/50
	C04003	128 Reference Identification Qualifier Code qualifying the Reference Identification Refer to 005010 Data Element Dictionary for acceptable code values.	X ID 2/3
	C04004	127 Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/50
	C04005	128 Reference Identification Qualifier Code qualifying the Reference Identification Refer to 005010 Data Element Dictionary for acceptable code values.	X ID 2/3
	C04006	127 Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/50

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

Ref.	Data Element	Name	Attributes
M	DTM01	Date/Time Qualifier Code specifying type of date or time, or both date and time 092 Contract Effective 093 Contract Expiration	M 1 ID 3/3
	DTM02	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	X 1 DT 8/8
	DTM03	Time 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)	X 1 TM 4/8
	DTM04	Time Code 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 Refer to 005010 Data Element Dictionary for acceptable code values.	O 1 ID 2/2
	DTM05	Date Time Period Format Qualifier Code indicating the date format, time format, or date and time format Refer to 005010 Data Element Dictionary for acceptable code values.	X 1 ID 2/3
	DTM06	Date Time Period Expression of a date, a time, or range of dates, times or dates and times	X 1 AN 1/35

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.

Data Element Summary

Ref.	Data Des.	Element	Name	Attributes	
				M	1 ID 2/3
M	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual BG Buying Group EP Eligible Party to the Rate	M	1 ID 2/3
	N102	93	Name Free-form name	X	1 AN 1/60
	N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix 21 Health Industry Number (HIN) UL Global Location Number (GLN) A globally unique 13 digit code for the identification of a legal, functional or physical location within the Uniform Code Council (UCC) and International Article Number Association (EAN) numbering system	X	1 ID 1/2
	N104	67	Identification Code Code identifying a party or other code	X	1 AN 2/80

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:

Data Element Summary

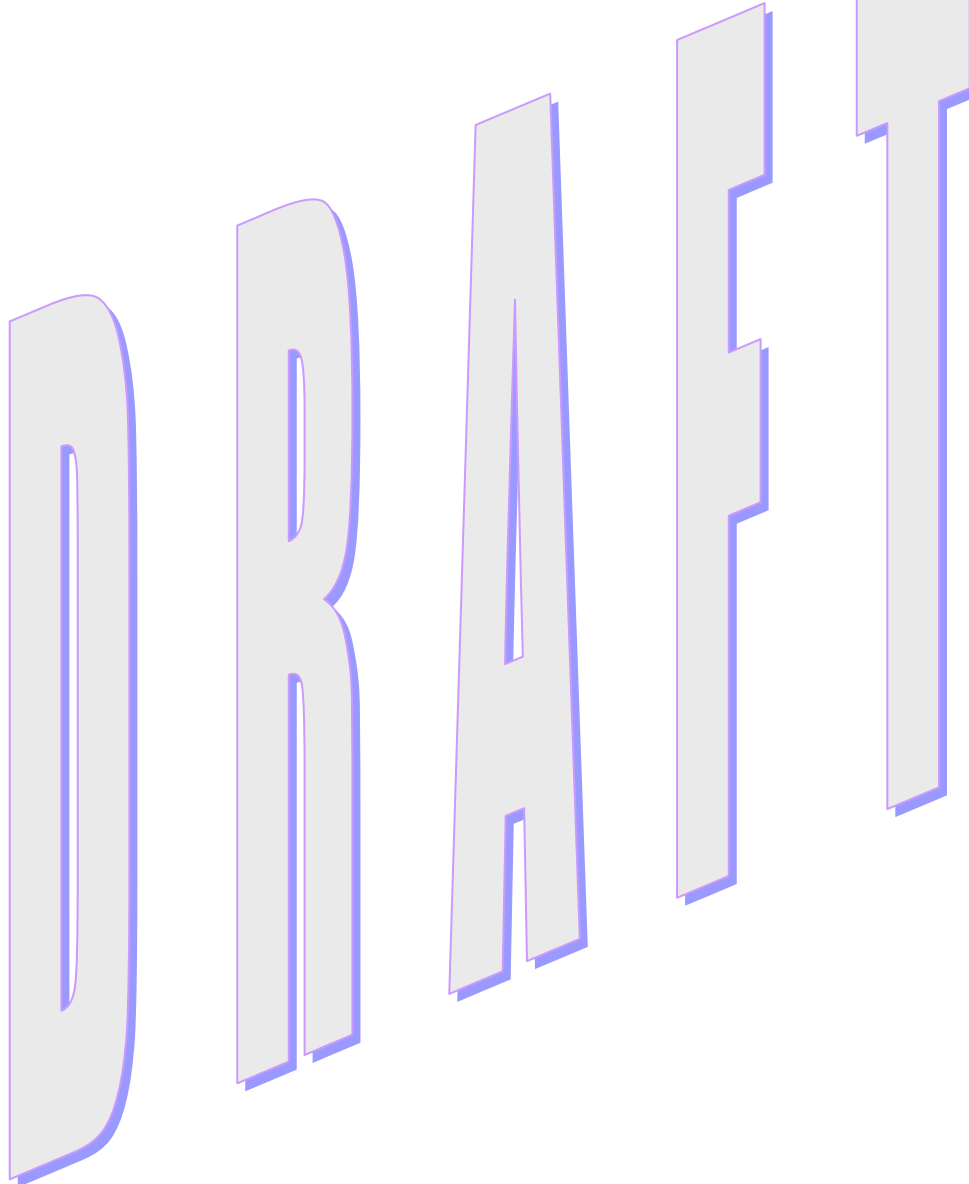
M	Ref.	Data	Name	Attributes
	Des.	Element		
	N201	93	Name Free-form name	M 1 AN 1/60
	N202	93	Name Free-form name	O 1 AN 1/60



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:

Data Element Summary

Ref.	Data Element	Name	Attributes
M	N301	Address Information Address information	M 1 AN 1/55
	N302	Address Information Address information	O 1 AN 1/55



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.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
			O	1
N401	19	City Name Free-form text for city name	O	1 AN 2/30
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	X	1 ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O	1 ID 3/15



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>Data</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374 Date/Time Qualifier Code specifying type of date or time, or both date and time	M 1 ID 3/3
		124 Group Contract Effective	
		125 Group Contract Expiration	
		129 Customer Contract Effective	
		130 Customer Contract Expiration	
	DTM02	373 Date 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. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
PAD01	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	X 1 AN 1/20
PAD03	670	Change or Response Type Code Code specifying the type of change to the line item	O 1 ID 2/2
		AI Add Additional Item(s)	
		CT Change of Dates	
		DI Delete Item(s)	
		PC Price Change	



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:

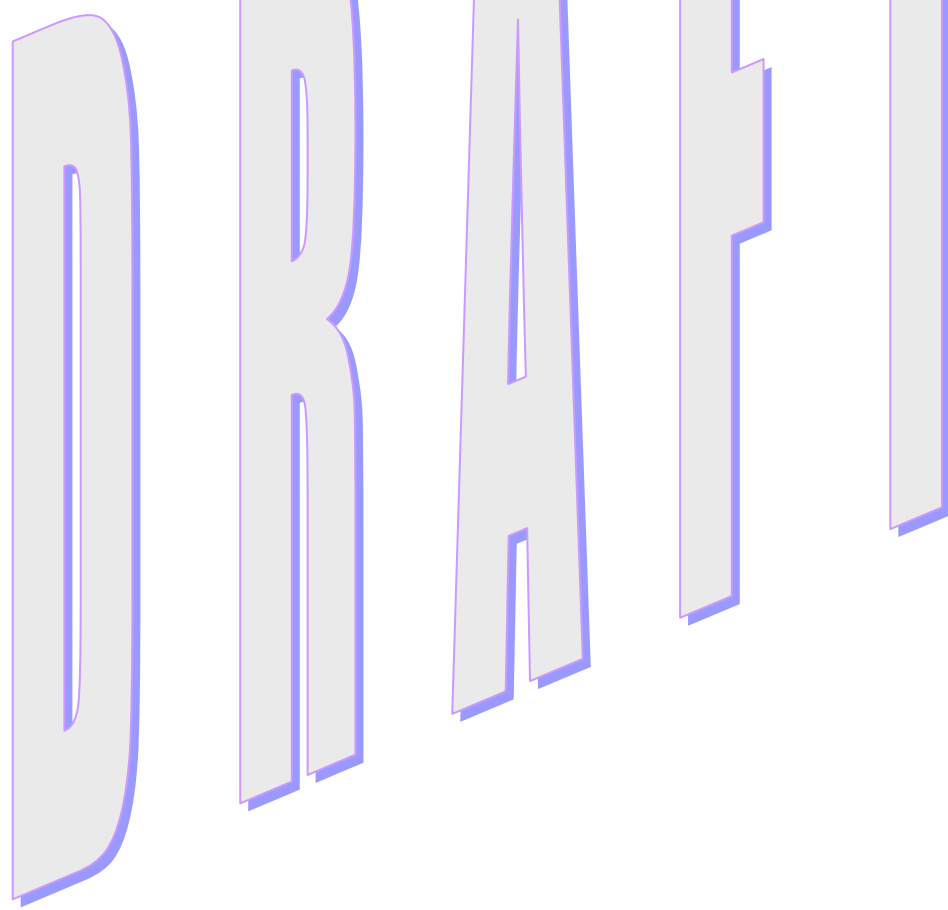
- 1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
- 2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.
- 3 PID07 specifies the individual code list of the agency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

Data Element Summary			
<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	PID01	Item Description Type Code indicating the format of a description F Free-form	M 1 ID 1/1
	PID05	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:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M		UIT01	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	M 1
M	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA Each	M ID 2/2
		UIT02	Unit Price Price per unit of product, service, commodity, etc.	X 1 R 1/17
		UIT03	Basis of Unit Price Code Code identifying the type of unit price for an item CT Contract	O 1 ID 2/2



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

Ref.	Data				Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>			
M	DTM01	374	Date/Time Qualifier		M 1 ID 3/3
			Code specifying type of date or time, or both date and time		
			131 Item Contract Effective		
			132 Item Contract Expiration		
	DTM02	373	Date		X 1 DT 8/8
			Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year		
	DTM03	337	Time		X 1 TM 4/8
			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)		
	DTM04	623	Time Code		O 1 ID 2/2
			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 Refer to 005010 Data Element Dictionary for acceptable code values.		
	DTM05	1250	Date Time Period Format Qualifier		X 1 ID 2/3
			Code indicating the date format, time format, or date and time format Refer to 005010 Data Element Dictionary for acceptable code values.		
	DTM06	1251	Date Time Period		X 1 AN 1/35
			Expression of a date, a time, or range of dates, times or dates and times		

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

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	LIN02	235 Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	M 1 ID 2/2
		EN EAN/UCC - 13 Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN) SEE CODE SOURCE 41	
		EO EAN/UCC - 8 Data structure for the 8 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN) SEE CODE SOURCE 41	
		UK GTIN 14-digit Data Structure Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN) SEE CODE SOURCE 41	
		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 Universal Product Code (U.P.C.) SEE CODE SOURCE 41	
		VC Vendor's (Seller's) Catalog Number	
M	LIN03	234 Product/Service ID Identifying number for a product or service	M 1 AN 1/48

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

DRAFT

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

Ref.	Data Element	Name	Attributes
M	CTT01	Number of Line Items	M 1 N0 1/6
		Total number of line items in the transaction set	
	CTT02	Hash Total	O 1 R 1/10
		Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element.	

Example:

-.0018 First occurrence of value being hashed.
 .18 Second occurrence of value being hashed.
 1.8 Third occurrence of value being hashed.
 18.01 Fourth occurrence of value being hashed.
 18E2 Fifth occurrence of value being hashed.

 1873 Hash Total

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.</u> <u>Des.</u>	<u>Data</u> <u>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 1 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 1 AN 4/9

