



845 Price Authorization Acknowledgment/Status

Functional Group ID=**PA**

Introduction:

This Draft Standard for Trial Use 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:

Supplier Inbound Bid Award For Map 01 Version 4010 - Original

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>
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BPA	Beginning Segment for Price Authorization Acknowledgment/Status	M	1		
Must Use	060	DTM	Date/Time Reference	M	1		
Must Use	063	DTM	Date/Time Reference	M	1		
Must Use	066	DTM	Date/Time Reference	M	1		
Must Use	069	DTM	Date/Time Reference	M	1		
						LOOP ID - N1	1
Must Use	070	N1	Name	M	1		
						LOOP ID - N1	1
Must Use	080	N1	Name	M	1		
						LOOP ID - N1	1
Must Use	090	N1	Name	M	1		
Must Use	100	PER	Administrative Communications Contact	M	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 - CON			10000	
Must Use	010	CON	Contract Number Detail	M	1		
			LOOP ID - N1			10000	
Must Use	050	N1	Name	M	1		
Must Use	070	N3	Address Information	M	2		
Must Use	080	N4	Geographic Location	M	1		
	105	DTM	Date/Time Reference	O	1		
	110	DTM	Date/Time Reference	O	2		
			LOOP ID - PAD			>1	
	120	PAD	Product Adjustment Detail	O	1		
	155	UIT	Unit Detail	M	1		
	160	UIT	Unit Detail	M	20		
	220	DTM	Date/Time Reference	O	2		
	225	DTM	Date/Time Reference	O	1		
			LOOP ID - LIN			1	
	230	LIN	Item Identification	O	1		
			LOOP ID - CTP			>1	
	310	CTP	CTP - Pricing Information	O	>1		

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>
Must Use	010	CTT	Transaction Totals	M	1		n1
Must Use	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. Number of line items (CTT01) is the accumulation of the number of CON segments.

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:
Notes: Example: ST|845|000000005~

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
>> ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 845 Price Authorization Acknowledgment/Status	M ID 3/3
>> 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 This should be the same as the 'SE02'	M AN 4/9

Segment: **BPA** Beginning Segment for Price Authorization Acknowledgment/Status
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To identify the beginning of a Price Authorization Acknowledgment/Status Transaction Set

Syntax Notes:
Semantic Notes: 1 BPA02 is the price authorization status date.
Comments:
Notes: Example: BPA|00|19981102~

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
>>	BPA01	353	Transaction Set Purpose Code Code identifying purpose of transaction set 00 Original	M ID 2/2
>>	BPA02	373	Date Date (CCYYMMDD) Current Date	M DT 8/8

Segment: **DTM** Date/Time Reference
Position: 060
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To specify pertinent dates and times
Syntax Notes: 1 At least one of DTM02 DTM03 or DTM05 is required.
Semantic Notes:
Comments:
Notes: Example: DTM|124|19981102~

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
>>	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 124 Group Contract Effective Contract Start Date	M ID 3/3
>>	DTM02	373	Date Date (CCYYMMDD) Contract Start Date With 4 Digit Year	M DT 8/8

Segment: **DTM** Date/Time Reference
Position: 063
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To specify pertinent dates and times
Syntax Notes: 1 At least one of DTM02 DTM03 or DTM05 is required.
Semantic Notes:
Comments:
Notes: Example: DTM|125|19991031~

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
>>	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 125 Group Contract Expiration Contract End Date	M ID 3/3
>>	DTM02	373	Date Date (CCYYMMDD) Contract End Date With 4 Digit Year	M DT 8/8

Segment: **DTM** Date/Time Reference
Position: 066
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To specify pertinent dates and times
Syntax Notes: 1 At least one of DTM02 DTM03 or DTM05 is required.
Semantic Notes:
Comments:
Notes: Example: DTM|126|19981102~

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
>>	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 126 Wholesale Contract Effective	M ID 3/3
>>	DTM02	373	Date Date (CCYYMMDD) Wholesaler Start Date With 4 Digit Year	M DT 8/8

Segment: **DTM** Date/Time Reference
Position: 069
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To specify pertinent dates and times
Syntax Notes: 1 At least one of DTM02 DTM03 or DTM05 is required.
Semantic Notes:
Comments:
Notes: Example: DTM|127|19991031~

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
>>	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 127 Wholesale Contract Expiration	M ID 3/3
>>	DTM02	373	Date Date (CCYYMMDD) Wholesaler End Date With 4 Digit Year	M DT 8/8

Segment: **N1** Name
Position: 070
Loop: N1 Mandatory
Level: Heading
Usage: Mandatory
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.
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.

Notes: **Example:** N1|DS|AMERISOURCEBERGEN|11|II6010801~

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
>>	N101	98 Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual DB Distributor Branch DS Distributor	M ID 2/3
>>	N102	93 Name Free-form name	M AN 1/60
>>	N103	66 Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 11 Drug Enforcement Administration (DEA) 21 Health Industry Number (HIN)	M ID 1/2
>>	N104	67 Identification Code Code identifying a party or other code DEA Numbers that are valid for Bergen are II6010801, II6010805, and II7261804. Valid HIN Number for Bergen is 01ZYNNW00.	M AN 2/80

Segment: **N1** Name
Position: 080
Loop: N1 Mandatory
Level: Heading
Usage: Mandatory
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.

Notes: **Example: N1|BG|THE BUYING GROUP NAME|11|II7654321~**

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
>> N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual BG Buying Group	M ID 2/3
>> N102	93	Name Free-form name	M AN 1/60
>> N103	66	AmerisourceBergen Requires the Buying Group Name Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 11 Drug Enforcement Administration (DEA) 21 Health Industry Number (HIN)	M ID 1/2
>> N104	67	Identification Code Code identifying a party or other code Buying Group DEA or HIN Number	M AN 2/80

Segment: **N1** Name
Position: 090
Loop: N1 Mandatory
Level: Heading
Usage: Mandatory
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.
Notes: **Example:** N1|SU|A-1 PHARMACEUTICALS|11|II1234567~

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>	N101	98 Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual MF Manufacturer of Goods SU Supplier/Manufacturer	M ID 2/3
>>	N102	93 Name Free-form name	M AN 1/60
>>	N103	66 Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 11 Drug Enforcement Administration (DEA) 21 Health Industry Number (HIN)	M ID 1/2
>>	N104	67 Identification Code Code identifying a party or other code	M AN 2/80

Segment: **PER Administrative Communications Contact**
Position: 100
Loop: N1 Mandatory
Level: Heading
Usage: Mandatory
Max Use: 1
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.
Semantic Notes:
Comments:
Notes: Example: PER|AC|CONTRACT ADMINISTRATOR|TE|8004879900~

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>	PER01	366 Contact Function Code Code identifying the major duty or responsibility of the person or group named AC Administrative Contracting Officer	M ID 2/2
>>	PER02	93 Name Free-form name The name or title of the person that Bergen should contact in the event of a question with the Bid Award.	M AN 1/60
>>	PER03	365 Communication Number Qualifier Code identifying the type of communication number TE Telephone	M ID 2/2
>>	PER04	364 Communication Number Complete communications number including country or area code when applicable Contacts Telephone Number	M AN 1/80

Segment: **CON** Contract Number Detail
Position: 010
Loop: CON Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify contract or reference number and status
Syntax Notes:
Semantic Notes:
Comments:
Notes: Example: CON|VC|00012345|OC~

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
>>	CON01	128	Reference Identification Qualifier Code qualifying the Reference Identification VC Vendor Contract Number	M ID 2/3
>>	CON02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Contract Number	M AN 1/30
>>	CON03	846	Contract Status Code Code designating the current status of the contract OC Original Contract	M ID 2/2

Segment: **N1** Name
Position: 050
Loop: N1 Mandatory
Level: Detail
Usage: Mandatory
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.

Notes: **Example:** N1|EB|ACME MEM. HLTH. CTR.|11|RB2345678~

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>	N101	98 Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual EB Eligible Party To The Contract EP Eligible Party to the Rate	M ID 2/3
>>	N102	93 Name Free-form name Customer Name	M AN 1/60
	N103	66 Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) Customer DEA or HIN Number 11 Drug Enforcement Administration (DEA) ZZ Mutually Defined 91 Assigned by Seller or Seller's Agent 21 Health Industry Number (HIN)	O ID 1/2
	N104	67 Identification Code Code identifying a party or other code Customer DEA or HIN Number	C AN 2/80

Segment: **N3** Address Information
Position: 070
Loop: N1 Mandatory
Level: Detail
Usage: Mandatory
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:
Notes: Example: N3|1501 SUNDAY DR.~

Data Element Summary

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

Segment: **N4** Geographic Location
Position: 080
Loop: N1 Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes:
Semantic Notes:
Comments: 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.

Notes: **Example:** N4|MEMPHIS|TN|12345~

Data Element Summary

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

Segment: **DTM** Date/Time Reference
Position: 105
Loop: N1 Mandatory
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify pertinent dates and times
Syntax Notes: 1 At least one of DTM02 DTM03 or DTM05 is required.
Semantic Notes:
Comments:
Notes: Example: DTM|129|19981102~

This DTM segment at the Detail Level in the CON/N1 loop is used to provide the effective date of the individual customer. This segments is required only if these dates are different from the dates of the buying group contract indicated at the Header level.

Data Element Summary			
Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 129 Customer Contract Effective M ID 3/3
>>	DTM02	373	Date Date (CCYYMMDD) M DT 8/8

Segment: **DTM** Date/Time Reference
Position: 110
Loop: N1 Mandatory
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.
Semantic Notes:
Comments:
Notes: Example: DTM|130|19990101~

This DTM segment at the Detail Level in the CON/N1 loop is used to provide the expiration date of the individual customer. This segments is required only if these dates are different from the dates of the buying group contract indicated at the Header level.

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>	DTM01	374 Date/Time Qualifier Code specifying type of date or time, or both date and time 130 Customer Contract Expiration	M ID 3/3
>>	DTM02	373 Date Date (CCYYMMDD)	M DT 8/8

Segment: **PAD** Product Adjustment Detail
Position: 120
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.
Semantic Notes: 1 PAD01 is the line item identification.
Comments:
Notes: Example: PAD|1~

If this PAD segment is used, then an LIN loop must also be used.

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
>> PAD01	350	Assigned Identification	M AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction set	

Segment: **UIT** Unit Detail
Position: 155
Loop: PAD Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify item unit data
Syntax Notes: 1 If UIT03 is present, then UIT02 is required.
Semantic Notes:
Comments:
Notes: Example: UIT|UN|24.76|CT~

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
UIT01	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use) The Composite Unit of Measure is not used by AmerisourceBergen	O
>>	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 UN Unit	M ID 2/2
>>	UIT02	212 Unit Price Price per unit of product, service, commodity, etc. Contract Price	M R 1/17
>>	UIT03	639 Basis of Unit Price Code Code identifying the type of unit price for an item CT Contract	M ID 2/2

Segment: **UIT** Unit Detail
Position: 160
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: Example: UIT|UN|23.52|WH~

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
UIT01	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use) The Composite Unit of Measure is not used by AmerisourceBergen	O
>>	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 UN Unit	M ID 2/2
>>	UIT02	212 Unit Price Price per unit of product, service, commodity, etc. Wholesale Price	M R 1/17
>>	UIT03	639 Basis of Unit Price Code Code identifying the type of unit price for an item WH Wholesale	M ID 2/2

Segment: **DTM** Date/Time Reference
Position: 220
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.
Semantic Notes:
Comments:
Notes: Example: DTM|131|19991202~

This DTM segment at the Detail level in the CON/PAD loop is only used to provide the item contract effective date that is different from the buying group date indicated at the Header level.

Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
>>	DTM01	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time	
			131 Item Contract Effective	
>>	DTM02	373	Date	M DT 8/8
			Date (CCYYMMDD)	

Segment: **DTM** Date/Time Reference
Position: 225
Loop: PAD Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify pertinent dates and times
Syntax Notes: 1 At least one of DTM02 DTM03 or DTM05 is required.
Semantic Notes:
Comments:
Notes: Example: DTM|132|19991231~

This DTM segment at the Detail level in the CON/PAD loop is only used to provide the item contract end date that is different from the buying group date indicated at the Header level.

Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
>>	DTM01	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time	
			132 Item Contract Expiration	
>>	DTM02	373	Date	M DT 8/8
			Date (CCYYMMDD)	

Segment: **LIN** Item Identification
Position: 230
Loop: LIN Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify basic item identification data
Syntax Notes:
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.

Notes: **Example:** LIN| |N1|0099607999~

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
LIN01	350	Assigned Identification	O AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction set	
>>	LIN02	Product/Service ID Qualifier	M ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		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)
>>	LIN03	Product/Service ID	M AN 1/48
		Identifying number for a product or service	
		NDC Number	

Segment: **CTP Pricing Information**
Position: 340
Loop: CTP Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify pricing information
Syntax Notes: P0405 If either CTP04 or CTP05 is present, then the other is required.
Semantic Notes:
Comments:

Notes: **Example:** CTP|PBQ|953.51|0|EA~
 CTP|PBQ|943.51|10|EA~

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
CTP01	687	Class of Trade Code Code indicating class of trade	O ID 2/2
CTP02	236	Price Identifier Code Code identifying pricing specification PBQ Unit Price Beginning Quantity	M ID 3/3
CTP03	212	Unit Price Price per unit of product, service, commodity, etc.	M R 1/17
CTP04	380	Quantity Numeric value of quantity	M R 1/15
CTP05	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	M ID 2/2

Segment: **CTT** Transaction Totals
Position: 010
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set
Syntax Notes:
Semantic Notes:
Comments: 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

Notes: **Example:** CTT|1~

Data Element Summary

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

Segment: **SE** Transaction Set Trailer
Position: 020
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Syntax Notes:
Semantic Notes:

Comments: 1 SE is the last segment of each transaction set.

Notes: Example: SE|23|00000005~

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
>>	SE01 96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments Total number of segments including the 'ST' & 'SE'	M N0 1/10
>>	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 This should be the same as the 'ST02'	M AN 4/9

**SAMPLE DATA
845 BID AWARD
ORIGINAL
USING DEA NUMBER**

ST|845|000000005~
BPA|00|19981102~
DTM|124|19981102~
DTM|125|19991031~
DTM|126|19981102~
DTM|127|19991031~
N1|DS|AMERISOURCEBERGEN|11|II6010801~
N1|BG|THE BUYING GROUP|11|II7654321~
N1|SU|A-1 PHARMACEUTICALS|11|III1234567~
PER|AC|CONTRACT ADMINISTRATOR|TE|8004879900~
CON|VC|00012345|OC~
N1|EB|ACME MEM. HLTH. CTR.|11|RB2345678~
N3|1501 SUNDAY DR.~
N4|MEMPHIS|TN|12345~
DTM|129|19991102~
DTM|130|19990101~
PAD|1~
UIT|UN|24.76|CT~
UIT|UN|23.52|WH~
DTM|131|19991202~
DTM|132|19991231~
LIN||N1|0099607999~
CTP||PBQ|24.76|0|EA~
CTP||PBQ|22.76|10|EA~
CTT|1~
SE|26|000000005~