

# 845

## Price Authorization Acknowledgment/Status

Functional Group=**PA**

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.

### Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
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	O	10			Used
<b>LOOP ID - N1</b>					<b>10000</b>		
070	N1	Name	O	1			Used
110	REF	Reference Identification	O	12			Used
120	PER	Administrative Communications Contact	O	3			Used

### Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<b>LOOP ID - CON</b>					<b>10000</b>		
010	CON	Contract Number Detail	M	1			Must use
040	DTM	Date/Time Reference	O	10			Used
<b>LOOP ID - PAD</b>					<b>≥1</b>		
120	PAD	Product Adjustment Detail	O	1			Used
140	PID	Product/Item Description	O	200			Used
160	UIT	Unit Detail	O	20			Used
220	DTM	Date/Time Reference	O	2			Used
<b>LOOP ID - LIN</b>					<b>1</b>		
230	LIN	Item Identification	O	1			Used

### Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	CTT	Transaction Totals	M	1		N3/010	Must use
020	SE	Transaction Set Trailer	M	1			Must use

### Notes:

3/010 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.

# ST Transaction Set Header

Pos: 010	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

**User Option (Usage):** Must use

To indicate the start of a transaction set and to assign a control number

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ST01	143	<b>Transaction Set Identifier Code</b>	M	ID	3/3	Must use
		<b>Description:</b> Code uniquely identifying a Transaction Set				
		<u>Code</u>		<u>Name</u>		
		845		Price Authorization Acknowledgment/Status		
ST02	329	<b>Transaction Set Control Number</b>	M	AN	4/9	Must use
		<b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

## Semantics:

1. The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

# BPA Beginning Segment for Price Authorization Acknowledgment/Status

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

**User Option (Usage):** Must use

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

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BPA01	353	Transaction Set Purpose Code	M	ID	2/2	Must use
		<b>Description:</b> Code identifying purpose of transaction set				
		<u>Code</u>		<u>Name</u>		
		00		Original		
BPA02	373	Date	M	DT	8/8	Must use
		<b>Description:</b> Date expressed as CCYYMMDD				

## Syntax Rules:

1. P0304 - If either BPA03 or BPA04 is present, then the other is required.

## Semantics:

1. BPA02 is the price authorization status date.
2. BPA05 is the price authorization status time.

# DTM Date/Time Reference

Pos: 060	Max: 10
Heading - Optional	
Loop: N/A	Elements: 2

**User Option (Usage):** Used

To specify pertinent dates and times

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM01	374	<b>Date/Time Qualifier</b>	M	ID	3/3	Must use
<b>Description:</b> Code specifying type of date or time, or both date and time						
		<b><u>Code</u></b>	<b><u>Name</u></b>			
		124	Group Contract Effective			
		125	Group Contract Expiration			
		126	Wholesale Contract Effective			
		127	Wholesale Contract Expiration			
DTM02	373	<b>Date</b>	X	DT	8/8	Used
<b>Description:</b> Date expressed as CCYYMMDD						

## Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

# Loop N1

Pos: 070	Repeat: 10000
Optional	
Loop: N1	Elements: N/A

**User Option (Usage):** Used

To identify a party by type of organization, name, and code

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
070	N1	Name	O	1		Used
110	REF	Reference Identification	O	12		Used
120	PER	Administrative Communications Contact	O	3		Used

**N1****Name**

<b>Pos: 070</b>	<b>Max: 1</b>
<b>Heading - Optional</b>	
<b>Loop: N1</b>	<b>Elements: 4</b>

**User Option (Usage):** Used

To identify a party by type of organization, name, and code

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	<b>Entity Identifier Code</b>	M	ID	2/3	Must use
		<b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual				
		<b>Code</b>		<b>Name</b>		
		BG		Buying Group		
		DS		Distributor		
		SU		Supplier/Manufacturer		
N102	93	<b>Name</b>	X	AN	1/60	Used
		<b>Description:</b> Free-form name				
N103	66	<b>Identification Code Qualifier</b>	X	ID	1/2	Used
		<b>Description:</b> Code designating the system/method of code structure used for Identification Code (67)				
		<b>Code</b>		<b>Name</b>		
		11		Drug Enforcement Administration (DEA)		
		21		Health Industry Number (HIN)		
N104	67	<b>Identification Code</b>	X	AN	2/80	Used
		<b>Description:</b> Code identifying a party or other code				

**Syntax Rules:**

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

**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.

# REF Reference Identification

Pos: 110	Max: 12
Heading - Optional	
Loop: N1	Elements: 2

**User Option (Usage):** Used

To specify identifying information

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	<b>Reference Identification Qualifier</b>	M	ID	2/3	Must use
		<b>Description:</b> Code qualifying the Reference Identification				
		<u>Code</u>		<u>Name</u>		
		CT		Contract Number		
REF02	127	<b>Reference Identification</b>	X	AN	1/30	Used
		<b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				

## Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

## Semantics:

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

# PER Administrative Communications Contact

Pos: 120	Max: 3
Heading - Optional	
Loop: N1	Elements: 4

**User Option (Usage):** Used

To identify a person or office to whom administrative communications should be directed

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PER01	366	<b>Contact Function Code</b>	M	ID	2/2	Must use
		<b>Description:</b> Code identifying the major duty or responsibility of the person or group named				
		<u>Code</u>		<u>Name</u>		
		CD		Contract Contact		
PER02	93	<b>Name</b>	O	AN	1/60	Used
		<b>Description:</b> Free-form name				
PER03	365	<b>Communication Number Qualifier</b>	X	ID	2/2	Used
		<b>Description:</b> Code identifying the type of communication number				
		<u>Code</u>		<u>Name</u>		
		TE		Telephone		
PER04	364	<b>Communication Number</b>	X	AN	1/80	Used
		<b>Description:</b> Complete communications number including country or area code when applicable				

## Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.
3. P0708 - If either PER07 or PER08 is present, then the other is required.



# Loop CON

Pos: 010	Repeat: 10000
Mandatory	
Loop: CON Elements: N/A	

**User Option (Usage):** Must use

To specify contract or reference number and status

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
010	CON	Contract Number Detail	M	1		Must use
040	DTM	Date/Time Reference	O	10		Used
120		Loop PAD	O		>1	Used

# CON Contract Number Detail

Pos: 010	Max: 1
Detail - Mandatory	
Loop: CON	Elements: 3

**User Option (Usage):** Must use

To specify contract or reference number and status

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CON01	128	<b>Reference Identification Qualifier</b>	M	ID	2/3	Must use
		<b>Description:</b> Code qualifying the Reference Identification				
		<u>Code</u>		<u>Name</u>		
		VC		Vendor Contract Number		
CON02	127	<b>Reference Identification</b>	M	AN	1/30	Must use
		<b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
CON03	846	<b>Contract Status Code</b>	M	ID	2/2	Must use
		<b>Description:</b> Code designating the current status of the contract				
		<u>Code</u>		<u>Name</u>		
		OC		Original Contract		

# DTM Date/Time Reference

Pos: 040	Max: 10
Detail - Optional	
Loop: CON	Elements: 2

**User Option (Usage):** Used

To specify pertinent dates and times

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM01	374	<b>Date/Time Qualifier</b>	M	ID	3/3	Must use
<b>Description:</b> Code specifying type of date or time, or both date and time						
		<u>Code</u>	<u>Name</u>			
		092	Contract Effective			
		093	Contract Expiration			
DTM02	373	<b>Date</b>	X	DT	8/8	Used
<b>Description:</b> Date expressed as CCYYMMDD						

## Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

# Loop PAD

Pos: 120	Repeat: >1
Optional	
Loop: PAD	Elements: N/A

**User Option (Usage):** Used

To specify the product transfer type, and/or line item number

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
120	PAD	Product Adjustment Detail	O	1		Used
140	PID	Product/Item Description	O	200		Used
160	UIT	Unit Detail	O	20		Used
220	DTM	Date/Time Reference	O	2		Used
230		Loop LIN	O		1	Used

# PAD Product Adjustment Detail

Pos: 120	Max: 1
Detail - Optional	
Loop: PAD	Elements: 1

**User Option (Usage):** Used

To specify the product transfer type, and/or line item number

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PAD01	350	<b>Assigned Identification</b>	X	AN	1/20	Used

**Description:** Alphanumeric characters assigned for differentiation within a transaction set

## Syntax Rules:

1. R0102 - At least one of PAD01 or PAD02 is required.
2. P0405 - If either PAD04 or PAD05 is present, then the other is required.

## Semantics:

1. PAD01 is the line item identification.

# PID Product/Item Description

Pos: 140	Max: 200
Detail - Optional	
Loop: PAD	Elements: 2

**User Option (Usage):** Used

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

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PID01	349	<b>Item Description Type</b>	M	ID	1/1	Must use
		<b>Description:</b> Code indicating the format of a description				
		<u>Code</u>		<u>Name</u>		
		F		Free-form		
PID05	352	<b>Description</b>	X	AN	1/80	Used
		<b>Description:</b> A free-form description to clarify the related data elements and their content				

## Syntax Rules:

1. C0403 - If PID04 is present, then PID03 is required.
2. R0405 - At least one of PID04 or PID05 is required.
3. C0703 - If PID07 is present, then PID03 is required.
4. C0804 - If PID08 is present, then PID04 is required.
5. C0905 - If PID09 is present, then PID05 is required.

## Semantics:

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.

# UIT Unit Detail

Pos: 160	Max: 20
Detail - Optional	
Loop: PAD	Elements: 3

**User Option (Usage):** Used

To specify item unit data

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UIT01	C001	<b>Composite Unit of Measure</b>	M	Comp		Must use
		<b>Description:</b> To identify a composite unit of measure(See Figures Appendix for examples of use)				
	355	<b>Unit or Basis for Measurement Code</b>	M	ID	2/2	Must use
		<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		<u>Code</u>		<u>Name</u>		
		CA		Case		
		EA		Each		
UIT02	212	<b>Unit Price</b>	X	R	1/17	Used
		<b>Description:</b> Price per unit of product, service, commodity, etc.				
UIT03	639	<b>Basis of Unit Price Code</b>	O	ID	2/2	Used
		<b>Description:</b> Code identifying the type of unit price for an item				
		<u>Code</u>		<u>Name</u>		
		CT		Contract		
		WH		Wholesale		

## Syntax Rules:

1. C0302 - If UIT03 is present, then UIT02 is required.

# DTM Date/Time Reference

Pos: 220	Max: 2
Detail - Optional	
Loop: PAD	Elements: 2

**User Option (Usage):** Used

To specify pertinent dates and times

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM01	374	<b>Date/Time Qualifier</b>	M	ID	3/3	Must use
<b>Description:</b> Code specifying type of date or time, or both date and time						
		<u>Code</u>	<u>Name</u>			
		131	Item Contract Effective			
		132	Item Contract Expiration			
DTM02	373	<b>Date</b>	X	DT	8/8	Used
<b>Description:</b> Date expressed as CCYYMMDD						

## Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.



# Loop LIN

Pos: 230	Repeat: 1
Optional	
Loop: LIN	Elements: N/A

**User Option (Usage):** Used

To specify basic item identification data

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
230	LIN	Item Identification	O	1		Used

# LIN Item Identification

Pos: 230	Max: 1
Detail - Optional	
Loop: LIN	Elements: 7

**User Option (Usage):** Used

To specify basic item identification data

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LIN01	350	<b>Assigned Identification</b>	O	AN	1/20	Used
		<b>Description:</b> Alphanumeric characters assigned for differentiation within a transaction set				
LIN02	235	<b>Product/Service ID Qualifier</b>	M	ID	2/2	Must use
		<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		<u>Code</u>		<u>Name</u>		
		VC		Vendor's (Seller's) Catalog Number		
LIN03	234	<b>Product/Service ID</b>	M	AN	1/48	Must use
		<b>Description:</b> Identifying number for a product or service				
LIN04	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Used
		<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		<u>Code</u>		<u>Name</u>		
		N4		National Drug Code in 5-4-2 Format		
LIN05	234	<b>Product/Service ID</b>	X	AN	1/48	Used
		<b>Description:</b> Identifying number for a product or service				
LIN06	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Used
		<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		<u>Code</u>		<u>Name</u>		
		N2		National Drug Code in 5-3-2 Format		
LIN07	234	<b>Product/Service ID</b>	X	AN	1/48	Used
		<b>Description:</b> Identifying number for a product or service				

## Syntax Rules:

1. P0405 - If either LIN04 or LIN05 is present, then the other is required.
2. P0607 - If either LIN06 or LIN07 is present, then the other is required.
3. P0809 - If either LIN08 or LIN09 is present, then the other is required.
4. P1011 - If either LIN10 or LIN11 is present, then the other is required.
5. P1213 - If either LIN12 or LIN13 is present, then the other is required.
6. P1415 - If either LIN14 or LIN15 is present, then the other is required.
7. P1617 - If either LIN16 or LIN17 is present, then the other is required.
8. P1819 - If either LIN18 or LIN19 is present, then the other is required.
9. P2021 - If either LIN20 or LIN21 is present, then the other is required.

10. P2223 - If either LIN22 or LIN23 is present, then the other is required.
11. P2425 - If either LIN24 or LIN25 is present, then the other is required.
12. P2627 - If either LIN26 or LIN27 is present, then the other is required.
13. P2829 - If either LIN28 or LIN29 is present, then the other is required.
14. P3031 - If either LIN30 or LIN31 is present, then the other is required.

**Semantics:**

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.

# CTT Transaction Totals

Pos: 010	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 1

**User Option (Usage):** Must use

To transmit a hash total for a specific element in the transaction set

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTT01	354	Number of Line Items	M	NO	1/6	Must use

**Description:** Total number of line items in the transaction set

## Syntax Rules:

1. P0304 - If either CTT03 or CTT04 is present, then the other is required.
2. P0506 - If either CTT05 or CTT06 is present, then the other is required.

## Comments:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

# SE Transaction Set Trailer

Pos: 020	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

**User Option (Usage):** Must use

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	<b>Number of Included Segments</b>	M	NO	1/10	Must use
		<b>Description:</b> Total number of segments included in a transaction set including ST and SE segments				
SE02	329	<b>Transaction Set Control Number</b>	M	AN	4/9	Must use
		<b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

## Comments:

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