EDI Transaction Set
845 Price Authorization Acknowledgment Status
X12 Version 4010

March 2014

ECIA's EDI Committee has reviewed this transaction set and made modifications that will benefit the electronics industry by simplifying the transaction focusing on industry specific needs.

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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.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	010	ST	Transaction Set Header	M	1		
M	020	BPA	Beginning Segment for Price Authorization	M	1		
	070	N1	Party Identification	M	2		

Detail:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
					>1	
010	CON	Contract Number Detail	M	1		
050	N1	Party Identification	M	1		
120	PAD	Product Adjustment Detail	O	1		
160	UIT	Unit Detail	M	>1		
170	QTY	Quantity Information	M	>1		
190	CUR	Currency	O	1		
220	DTM	Date/Time Reference	M	>1		
230	LIN	Item Identification	M	1		

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
	010	CTT	Transaction Totals	M	1		
M	020	SE	Transaction Set Trailer	M	1		

Segment: **ST** **Transaction Set Header**
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1

Data Element Summary

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

Segment: **BPA** Beginning Segment for Price Authorization Acknowledgment Status
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	BPA01	353	**Contract Status Purpose Code**	ID 2/2
			Code indicating purpose of contract pricing status	
			00 Original	
M	BPA02	373	**Date**	ID 8/8
			Date expressed as CCYYMMDD	

Segment: **N1** **Party Identification**
Position: 070
Loop: N1
Level: Header
Usage: Mandatory
Max Use: 2

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**N101**	**98**	**Entity Identifier Code**	**ID 2/3**
			'DB' – Distributor	
			'MF' – Manufacturer	
M	**N102**	**93**	**Name**	**AN 1/60**
O	**N103**	**66**	**Identification Code Qualifier**	**ID 2/2**
			'91' – Assigned by seller	
			'92' – Assigned by buyer	
O	**N104**	**67**	**Identification Code**	**AN 1/15**

Segment: **CON** Contract Number Detail

        Position: 010
            Loop: CON
          Level: Detail
        Usage: Mandatory
    Max Use: 1

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**CON01**	**128**	**Reference Number Qualifier**	**ID 2/3**
			'PR' – Price Quote Number	
M	**CON02**	**127**	**Reference Number**	**AN 1/30**
M	**CON03**	**846**	**Contract Status Code**	**ID 2/2**
			'OC' – Original Contract	
			'VA' – Valid Open Contract	

Segment:**N1** Party Identification

Position: 050
Loop: N1
Level: Detail
Usage: Mandatory
Max Use: 1

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**N101**	**98**	**Entity Identifier Code**	**ID 2/3**
			'BY' – Buyer/Customer	
M	**N102**	**93**	**Name**	**AN 1/60**
M	**N103**	**66**	**Identification Code Qualifier**	**ID 2/2**
			'92' – Assigned by buyer	
M	**N104**	**67**	**Identification Code**	**AN 1/15**
			Buyer's Customer Number	

Segment:PAD Product Adjustment Detail

Position: 120
Loop: PAD
Level: Detail
Usage: Optional
Max Use: 1

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
PAD01	350	Assigned Identification	ID 1/20
PAD02	521	Product Transfer Type Code	ID 2/2
		'SD' – Ship & Debit Sale	

Segment: **UIT** Unit Detail

      Position: 160
      Loop: PAD
      Level: Detail
      Usage: Mandatory
      Max Use: >1

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	UIT01	C001	**Composite Unit of Measure**	ID 2/2
			'EA' Each	
			'PC' Piece	
			'FT' Foot	
			'MR' Meter	
M	UIT02	212	**Unit Price**	AN 1/14
			Item Price	
M	UIT03	639	**Basis of Unit Price Code**	ID 2/2
			'RE' Resale Price	
			'LE' Book Price	
			'QT' (also) Agreement Price	
			'RT' Retail per Hundred	
			'RM' Retail per Thousand	
			'CA' Catalog Price	
			'QT' Quoted Price	

Segment:QTY **Quantity Information**

> **Position:** 170
> **Loop:** PAD
> **Level:** Detail
> **Usage:** Mandatory
> **Max Use:** >1

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**QTY01**	**673**	**Quantity Qualifier**	**ID 2/2**
			'38' Original Quantity	
			'40' Remaining Quantity	
M	**QTY02**	**380**	**Quantity**	**AN 1/15**
			Item Price	

Segment: CUR Currency

Position: 190
Loop: PAD
Level: Detail
Usage: Optional
Max Use: 1

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
CUR01	**98**	**Entity Identifier Code**	**ID 2/3**
		'SE' Selling Party	
CUR02	**100**	**Currency Code**	**ID 3/3**
		Code (Standard ISO) for country in whose currency the charges are specified	

Segment:DTM **Date/Time Reference**

        Position: 220
          Loop: PAD
         Level: Detail
         Usage: Mandatory
    Max Use: >1

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
M	DTM01	374	**Date/Time Qualifier**		M	ID 3/3
			'007'	Effective Date		
			'036'	Expiration Date		
M	DTM02	373	**Date**		X	DT 8/8
			Date expressed as CCYYMMDD			

Segment:LIN **Item Identification**

Position: 230
Loop: LIN **Level:**
Detail
Usage: Mandatory
Max Use: 1

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**LIN02**	**235**	**Product/Service ID Qualifier**	**ID 2/2**
			'VP' Vendor's (Seller's) Part Number	
M	**LIN03**	**234**	**Product/Service ID**	**AN 1/48**
			Identifying number for a product or service	
	LIN04	**235**	**Product/Service ID Qualifier**	**ID 2/2**
			'BP' Buyer's Part Number	
	LIN05	**234**	**Product/Service ID**	**AN 1/48**
			Identifying number for a product or service	

Segment: **CTT** **Transaction Totals**
Position: 010
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	CTT01	354	**Number of Line Items**	**N0 1/6**

Total number of contract items in the transaction set

Segment: **SE** **Transaction Set Trailer**
Position: 020
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	SE01	96	**Number of Included Segments**	M	N0 1/10

Total number of segments included in a transaction set including ST and SE
segments

M	SE02	329	**Transaction Set Control Number**	M	AN 4/9

Identifying control number that must be unique within the transaction set
functional group assigned by the originator for a transaction set
This must be the same number as is in the ST segment (ST02) for the
transaction set.

SAMPLE DATA

ISA*00*　　*00*　　　*ZZ*SUPPLIER　　*01*BUYER　　　*131028*0205*U*00300*000104665*0*P*|~

GS*PA*SUPPLIER*BUYER*20131028*0205*103489*X*004010~

ST*845*0001~ BPA*00*130326~

N1*DB**92*TTI~

CON*PR*87545554*OC~

N1*BY*SMT Tech*92*CNS026~

PAD*10*SD~

UIT*EA*0.36*RE~

UIT*EA*0.4024*LE~

UIT*EA*0.324*QT~

QTY*38*6000~

QTY*40*6000~

CUR*SE*USD~

DTM*007*20130326~

DTM*036*20140126~

LIN**VP*10X2BNFVNN01RF *BP*FFGD0SH012JS01RF ~

CTT*1*6000~

SE*16*0001~

GE*522*103489~

IEA*1*000104665~