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.

NOTICE

ECIA Industry Guidelines and Publications contain material that has been prepared, progressively reviewed, and approved through various ECIA-sponsored industry task forces, comprised of ECIA member distributors, manufacturers, and manufacturers' representatives. After adoption, efforts are taken to ensure widespread dissemination of the guidelines. ECIA reviews and updates the guidelines as needed.

ECIA Industry Guidelines and Publications are designed to serve the public interest, including electronic component distributors, manufacturers and manufacturers' representatives through the promotion of uniform and consistent practices between manufacturers, distributors, and manufacturers' representatives resulting in improved efficiency, profitability, product quality, safety, and environmentally responsible practices. Existence of such guidelines shall not in any respect preclude any member or non-member of ECIA from adopting any other practice not in conformance to such guidelines, nor shall the existence of such guidelines preclude their voluntary use by those other than ECIA members, whether the guideline is to be used either domestically or internationally.

ECIA does not assume any liability or obligation whatever to parties adopting ECIA Industry Guidelines and Publications. Each company must independently assess whether adherence to some or all of the guidelines is in its own best interest.

Inquiries, comments, and suggestions relative to the content of this ECIA Industry Guideline should be addressed to ECIA headquarters.

Published by

ELECTRONIC COMPONENTS INDUSTRY ASSOCIATION
1111 Alderman Dr., Suite 400
Alpharetta, GA 30005
678-393-9990

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** Code indicating purpose of contract pricing status 00 Original	**ID 2/2**
M	**BPA02**	**373**	**Date** Date expressed as CCYYMMDD	**ID 8/8**

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** 'DB' – Distributor 'MF' – Manufacturer	**ID 2/3**
M	**N102**	**93**	**Name**	**AN 1/60**
O	**N103**	**66**	**Identification Code Qualifier** '91' – Assigned by seller '92' – Assigned by buyer	**ID 2/2**
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** 'PR' – Price Quote Number	**ID 2/3**
M	**CON02**	**127**	**Reference Number**	**AN 1/30**
M	**CON03**	**846**	**Contract Status Code** 'OC' – Original Contract 'VA' – Valid Open Contract	**ID 2/2**

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** 'BY' – Buyer/Customer	**ID 2/3**
M	**N102**	**93**	**Name**	**AN 1/60**
M	**N103**	**66**	**Identification Code Qualifier** '92' – Assigned by buyer	**ID 2/2**
M	**N104**	**67**	**Identification Code** Buyer's Customer Number	**AN 1/15**

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'	Agreement Price	
			(also)		
			'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** Total number of segments included in a transaction set including ST and SE segments	**M 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 This must be the same number as is in the ST segment (ST02) for the transaction set.	**M AN 4/9**

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~
```