



Electronic Components Industry Association Guideline

EDI Transaction Set 865 Purchase Order Change Acknowledgment/Request - Seller Initiated X12 Version 4010

February 2012

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.

865 Purchase Order Change Acknowledgment/Request - Seller Initiated

Functional Group ID=**CA**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Change Acknowledgment/Request - Seller Initiated Transaction Set (865) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to convey acceptance or rejection of changes to a previously submitted purchase order by the seller or to notify the buyer of changes initiated by the seller to a previously submitted purchase order by the seller.

Heading:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Base Status</u>	<u>User Status</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
2	010	ST	Transaction Set Header	M	M	1		
3	020	BCA	Beginning Segment for Purchase Order Change Acknowledgment	M	M	1		

Detail:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Base Status</u>	<u>User Status</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
			LOOP ID - POC				>1	
5	010	POC	Line Item Change	O		1		
			LOOP ID - ACK				104	
7	270	ACK	Line Item Acknowledgment	O		1		
9	280	DTM	Date/Time Reference	O		1		

Summary:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Base Status</u>	<u>User Status</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
			LOOP ID - CTT				1	
10	010	CTT	Transaction Totals	O		1		n3
11	030	SE	Transaction Set Trailer	M	M	1		

12 APPENDIX – Sample 865 Transaction

Transaction Set Notes

Number of line items (CTT01) is the accumulation of the number of POC segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (POC03) for each POC segment.

*** Note: SCH segment is allowed but DTM segment is preferred**

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:

Data Element Summary				
Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
ST01	143	Transaction Set Identifier Code	M ID 3/3	M
		Code uniquely identifying a Transaction Set		
		865 – Purchase Order Change Acknowledgment		
ST02	329	Transaction Set Control Number	M AN 4/9	M
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		
		Sequence number assigned by the Sender		

Segment:	BCA Beginning Segment for Purchase Order Change Acknowledgment
Position:	020
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the beginning of the Purchase Order Change Acknowledgment Transaction Set and transmit identifying numbers and dates
Syntax Notes:	
Semantic Notes:	1 BCA06 is the date assigned by the purchaser to purchase order. 2 BCA09 is the seller's order number. 3 BCA10 is the date assigned by the sender to the acknowledgment. 4 BCA11 is the date of the purchase order change request. 5 BCA12 is the order change acknowledgment date.
Comments:	

Data Element Summary				
Ref.	Data	Name	Base	User
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
BCA01	353	Transaction Set Purpose Code Code identifying purpose of transaction set 00 – Original 01 – Cancellation 04 – Change 19 – Seller initiated change	M ID 2/2	M
BCA02	587	Acknowledgment Type Code specifying the type of acknowledgment AC – Acknowledge – With Detail and Change AD – Acknowledge – With Detail, no Changes AE – Acknowledge – With Exception Detail Only AH – Acknowledge - Hold Status AK – Acknowledge - No Detail or Change AT – Accepted RD – Reject with Detail RF – Reject with Exception Detail Only RJ – Rejected – No Detail ZZ – Mutually Defined	M ID 2/2	
BCA03	324	Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser	M AN 1/22	M
BCA04	328	Release Number Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction Not used	O AN 1/30	
BCA05	327	Change Order Sequence Number Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set	O AN 1/8	
BCA06	373	Date Date expressed as CCYYMMDD Purchase Order Date	M DT 8/8	M
BCA07	326	Request Reference Number Reference number or RFQ number to use to identify a particular transaction set and query	O AN 1/45	

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		(additional reference number or description which can be used with contract number)	
		Not used	
BCA08	367	Contract Number	O AN 1/30
		Contract number	
		Not used	
BCA09	127	Reference Identification	O AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
		Supplier's Sales Order Number	
BCA10	373	Date	O DT 8/8
		Date expressed as CCYYMMDD	
		Acknowledgment Date	

Note: Elements BCA11 through BCA15 are not used.

Segment:	Segment:	POC Line Item Change
Position:	010	
Loop:	POC	Mandatory
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify changes to a line item	
Syntax Notes:	1 If POC03 is present, then both POC04 and POC05 are required. 2 If POC07 is present, then POC06 is required. 3 If either POC08 or POC09 is present, then the other is required. 4 If either POC10 or POC11 is present, then the other is required. 5 If either POC12 or POC13 is present, then the other is required. 6 If either POC14 or POC15 is present, then the other is required. 7 If either POC16 or POC17 is present, then the other is required. 8 If either POC18 or POC19 is present, then the other is required. 9 If either POC20 or POC21 is present, then the other is required. 10 If either POC22 or POC23 is present, then the other is required. 11 If either POC24 or POC25 is present, then the other is required. 12 If either POC26 or POC27 is present, then the other is required.	
Semantic Notes:	1 POC01 is the purchase order line item identification.	
Comments:		

Data Element Summary				
Ref. <u>Des.</u>	Data <u>Element</u>	<u>Name</u>	Base <u>Attributes</u>	User <u>Attributes</u>
POC01	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set Line number from purchase order	O AN 1/20	
POC02	670	Change or Response Type Code Code specifying the type of change to the line item AI – Added Item DI – Deleted Item MU – Any change made to existing line item NC – No change PC – Price Change PQ – Unit Price/Quantity Change PR – Unit price / Reschedule change QD – Quantity Decrease QI – Quantity Increase RC –Rejected change RS - Reschedule	M ID 2/2	M
POC03	330	Quantity Ordered Quantity ordered	O R 1/15	
POC04	671	Quantity Left to Receive Quantity left to receive as qualified by the unit of measure	X R 1/9	
POC05	355	Unit of Measure Code To identify a composite unit of measure EA Each IN Inch FT Foot CM Centimeter MR Meter	M ID 2/2	M

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POC06	212	Unit Price Price per unit of product, service, commodity, etc. Unit price with maximum of five decimal places	X	R 1/17
POC07	639	Basis of Unit Price Code Code identifying the type of unit price for an item PE Price per Each HP Price per Hundred TP Price per Thousand	O	ID 2/2
POC08	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) BP – Buyer’s Part Number	X	ID 2/2
POC09	234	Product/Service ID Identifying number for a product or service Customer’s part number	X	AN 1/48
POC10	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) VP – Vendor’s (Seller’s) Part Number	X	ID 2/2
POC11	234	Product/Service ID Identifying number for a product or service Vendor’s Part Number	X	AN 1/48

Note: Elements POC12 through POC27 are not used

Segment:	Segment:	ACK Line Item Acknowledgment
Position:	270	
Loop:	ACK	Mandatory
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To acknowledge the ordered quantities and specify the ready date for a specific line item	
Syntax Notes:	1 If either ACK02 or ACK03 is present, then the other is required. 2 If ACK04 is present, then ACK05 is required. 3 If either ACK07 or ACK08 is present, then the other is required. 4 If either ACK09 or ACK10 is present, then the other is required. 5 If either ACK11 or ACK12 is present, then the other is required. 6 If either ACK13 or ACK14 is present, then the other is required. 7 If either ACK15 or ACK16 is present, then the other is required. 8 If either ACK17 or ACK18 is present, then the other is required. 9 If either ACK19 or ACK20 is present, then the other is required. 10 If either ACK21 or ACK22 is present, then the other is required. 11 If either ACK23 or ACK24 is present, then the other is required. 12 If either ACK25 or ACK26 is present, then the other is required. 13 If either ACK27 or ACK28 is present, then the other is required. 14 If ACK28 is present, then both ACK27 and ACK29 are required.	
Semantic Notes:	1 ACK29 Industry Reason Code may be used to identify the item status. In addition, it may be used in conjunction with ACK01 to further clarify the status.	
Comments:		

Data Element Summary				
Ref.	Data	Name	Base	User
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
ACK01	668	Line Item Status Code	M ID 2/2	M
		Code specifying the action taken by the seller on a line item requested by the buyer		
		AC - Item Accepted - Order Forwarded to Alternate Supplier or Location		
		AR - Item Accepted and Released for Shipment		
		BP - Item Accepted - Partial Shipment, Balance Backordered		
		DR - Item Accepted – Date Rescheduled		
		IA – Item Accepted - No changes		
		IB – Item Backordered		
		IC – Changes made		
		ID – Item Deleted		
		IH – Item On hold		
		IP – Item Accepted – Price Changed		
		IQ - Item Accepted – Quantity Changed		
		IR – Item Rejected		
		IS - Item Accepted – Substitution Made		
		R2 - Item Rejected – Invalid Item Product Number		
		R7 - Item Rejected – Reorder Item as a Drop Shipment		
		SP – Item Accepted, Schedule Date Pending		
ACK02	380	Quantity	X R 1/15	
		Numeric value of quantity		
ACK03	355	Unit or Basis for Measurement Code	X ID 2/2	
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		

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		EA	Each		
		IN	Inch		
		FT	Foot		
		CM	Centimeter		
		MR	Meter		
ACK04	374	Date/Time Qualifier		O	ID 3/3
		Code specifying type of date or time, or both date and time			
		017 – Estimated Dock Date			
		067 – Current Schedule Delivery (ship date from supplier)			
		068 – Schedule Ship Date			
ACK05	373	Date		X	DT 8/8
		Date expressed as CCYYMMDD			
		Delivery Date			

Note: Elements ACK06 through ACK29 are not used.

Segment: **DTM** Date/Time Reference
Position: 280
Loop: ACK 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.
- 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. <u>Des.</u>	Data <u>Element</u>	<u>Name</u>	Base <u>Attributes</u>	User <u>Attributes</u>
DTM01	374	Date/Time Qualifier	M ID 3/3	M
		Code specifying type of date or time, or both date and time		
		002 – Requested date		
		071 – Requested date		
DTM02	373	Date	X DT 8/8	
		Date expressed as CCYYMMDD		
		Requested delivery date		

Note: Elements DTM03 through DTM 06 are not used.

Segment:	Segment:	CTT Transaction Totals
Position:	010	
Loop:	CTT	Optional
Level:	Summary	
Usage:	Optional	
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		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
CTT01	354	Number of Line Items	M N0 1/6	M
		Total number of line items in the transaction set		
CTT02	347	Hash Total	O R 1/10	
		Sum of quantities in element POC03		

Note: Elements CTT03 through CTT07 are not used.

	Segment:	SE Transaction Set Trailer
Position:	030	
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				
Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
SE01	96	Number of Included Segments	M N0 1/10	M
		Total number of segments included in a transaction set including ST and SE segments		
SE02	329	Transaction Set Control Number	M AN 4/9	M
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		
		This number must match the transaction set control number (ST02) in the transaction set header segment.		

APPENDIX

Sample 865 Transaction Set

ISA>00> >00> >ZZ>SUPPLIER >01>DISTY >061030>1949>U>00401>000000002>0>T>~
GS>CA>SUPPLIER>DISTY>20061030>1949>2>X>004010
ST>865>0001
BCA>00>AD>H0501234567>>00000001>20061027>>>12345>20061030
POC>4>RS>5000>5000>EA>.123>PE>BP>126ABC-D1109Z>VP>126ABC-D1109Z
ACK>IA>5000>EA>067>20061030
DTM>002>20061030
CTT>1>5000
SE>7>0001
GE>1>2
IEA>1>000000002