



**SANMINA-SCI  
CORPORATION**

**PURCHASE ORDER CHANGE  
ACKNOWLEDGMENT  
INBOUND**

**865**

**VERSION**

**004010**

**Prepared By : Sanmina-SCI Information Technology & Services**  
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**Version : 10**

# 865 Purchase Order Change Acknowledgment/Request - Seller Initiated

Functional Group ID=**CA**

## Introduction:

This Standard 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>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>X12 Req.</u>	<u>Sanmina-SCI Required</u>	<u>Loop Max.Use</u>	<u>Repeat</u>	<u>Notes and Comments</u>
010	ST	Transaction Set Header	M	Must Use	1		
020	BCA	Beginning Segment for Purchase Order Change Acknowledgement	M	Must Use	1		
040	CUR	Currency	O	Must Use	1		
LOOP ID - N1						200	
300	N1	Name	O		1		
LOOP ID - POC						100000	
010	POC	Line Item Change	O	Must Use	n2		
LOOP ID - ACK						104	
270	ACK	Line Item Acknowledgement	O	Must Use	1		
LOOP ID - SCH						200	
305	SCH	Line Item Schedule	O	Must Use	n4		
LOOP ID - CTT						1	
010	CTT	Transaction Totals	O	Must Use	1		
030	SE	Transaction Set Trailer	M	Must Use	1		

*Available characters: A-Z, a-z, 0-9, ,, -, +, {, }, [, ], 9, 0, :, ;, %, |, <, >, !, “, \$, ~, ^, &, #, =, |, @*

**Segment:** **ST** Transaction Set Header  
**Position:** 010  
**Loop:**  
**Level:** Heading  
**X12 Usage:** Mandatory  
**Sanmina-SCI 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) 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**

<u>Sanmina-SCI Required</u>	<u>Ref. Desc.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ST01	143	<b>Transaction Set Identifier Code</b> Code uniquely identifying a Transaction Set 865 Purchase Order Change Acknowledgment/Request - Seller Initiated	ID 3/3
Must Use	ST02	329	<b>Transaction Set Control Number</b> Identifying control number assigned by the originator for a transaction set.	AN 4/9

ST~865~0049}

**Segment:** **BCA** **Beginning Segment for Purchase Order Change Acknowledgment**  
**Position:** 020  
**Loop:**  
**Level:** Heading  
**X12 Usage:** Mandatory  
**Sanmina-SCI 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:**  
**Comments:** 1 BCA09 is the seller's order number.

**Data Element Summary**

<u>Sanmina-SCI Required</u>	<u>Ref. Desc.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	<b>BCA01</b>	<b>353</b>	<b>Transaction Set Purpose Code</b> Code identifying purpose of transaction set. 00 Original 19 Seller Initiated Change	<b>ID 2/2</b>
Must Use	<b>BCA02</b>	<b>587</b>	<b>Acknowledgment Type</b> Code specifying the type of acknowledgment AC Acknowledgement – With Detail and Change. AD Acknowledgement – With Detail, No Change. RD Reject with Detail.	<b>ID 2/2</b>
Must Use	<b>BCA03</b>	<b>324</b>	<b>Purchase Order Number</b> Identifying number for Purchase Order assigned by the orderer/purchaser	<b>AN 1/22</b>
	<b>BCA04</b>	<b>328</b>	<b>Release Number</b> Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction. If the original transaction was a Blanket Release then this field must contain the release number.	<b>AN 1/30</b>
Must Use	<b>BCA05</b>	<b>327</b>	<b>Change Order Sequence Number</b> Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set	<b>AN 1/8</b>
Must Use	<b>BCA06</b>	<b>373</b>	<b>Date</b> Date expressed as CCYYMMDD. Original Purchase Order Date.	<b>DT 8/8</b>
	<b>BCA09</b>	<b>367</b>	<b>Reference Number</b> Seller's Order Number.	<b>AN 1/30</b>
Must Use	<b>BCA10</b>	<b>373</b>	<b>Date</b> Date expressed as CCYYMMDD. Acknowledgement date.	<b>DT 8/8</b>
Must Use	<b>BCA11</b>	<b>373</b>	<b>Date</b> Date expressed as CCYYMMDD. Date PO was Changed.	<b>DT 8/8</b>

BCA~00~AD~16559~1~5.000000~20040620~~~~20040828~20040826}

**Segment:** **CUR** Currency  
**Position:** 040  
**Loop:**  
**Level:** Heading  
**X12 Usage:** Optional  
**Sanmina-SCI Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify the currency (dollars, pounds, francs, etc.) used in a transaction  
**Syntax Notes:**

- 1 If CUR08 is present, then CUR07 is required.
- 2 If CUR09 is present, then CUR07 is required.
- 3 If CUR10 is present, then at least one of CUR11 or CUR12 is required.
- 4 If CUR11 is present, then CUR10 is required.
- 5 If CUR12 is present, then CUR10 is required.
- 6 If CUR13 is present, then at least one of CUR14 or CUR15 is required.
- 7 If CUR14 is present, then CUR13 is required.
- 8 If CUR15 is present, then CUR13 is required.
- 9 If CUR16 is present, then at least one of CUR17 or CUR18 is required.
- 10 If CUR17 is present, then CUR16 is required.
- 11 If CUR18 is present, then CUR16 is required.
- 12 If CUR19 is present, then at least one of CUR20 or CUR21 is required.
- 13 If CUR20 is present, then CUR19 is required.
- 14 If CUR21 is present, then CUR19 is required.

**Semantic Notes:**  
**Comments:**

**Data Element Summary**

<u>Sanmina-SCI Required</u>	<u>Ref. Desc.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	<b>CUR01</b>	<b>98</b>	<b>Entity Identifier Code</b> Code identifying an organizational entity or a physical location. BY Buying Party(Purchaser)	<b>ID 2/2</b>
Must Use	<b>CUR02</b>	<b>100</b>	<b>Currency Code</b> Code (Standard ISO) for country in whose currency the charges are specified	<b>ID 3/3</b>

CUR~BY~USD }

**Segment:** **N1** Name  
**Position:** 300  
**Loop:** N1  
**Level:** Heading  
**X12 Usage:** Optional  
**Sanmina-SCI Usage:** Optional  
**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.  
 2 N105 and N106 further define the type of entity in N101.

**Data Element Summary**

<u>Sanmina-SCI Required</u>	<u>Ref. Desc.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	<b>N101</b>	<b>98</b>	<b>Entity Identifier Code</b> Code identifying an organizational entity or a physical location. ST Ship To	<b>ID 2/3</b>
Must Use	<b>N102</b>	<b>93</b>	<b>Name</b> Free-form name	<b>AN 1/60</b>
	<b>N103</b>	<b>66</b>	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67) 92 Assigned by Buyer or Buyer's Agent.	<b>ID 1/2</b>
	<b>N104</b>	<b>67</b>	<b>Identification Code</b> Code identifying a party or other code Sanmina-SCI's Internal code used to identify Ship-To Location.	<b>AN 2/80</b>

N1~ST~EMS PLANT E88~92~HSV-02 }

**Segment:** **POC** Line Item Change  
**Position:** 010  
**Loop:** POC  
**Level:** Detail  
**X12 Usage:** Optional  
**Sanmina-SCI Usage:** Mandatory  
**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**

<u>Sanmina-SCI Required</u>	<u>Ref. Desc.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	<b>POC01</b>	<b>350</b>	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set Sanmina-SCI's purchase order line number.	<b>AN 1/20</b>
Must Use	<b>POC02</b>	<b>670</b>	<b>Change or Response Type Code</b> Code specifying the type of change to the line item AI Add Additional Item(s) CA Changes to Line Item RJ Reject Interchange	<b>ID 2/2</b>
Must Use	<b>POC03</b>	<b>330</b>	<b>Quantity Ordered</b> Quantity Ordered	<b>R 1/15</b>
Must Use	<b>POC04</b>	<b>671</b>	<b>Quantity Left to Receive</b> Quantity left to receive as qualified by the unit of measure	<b>R 1/9</b>
	<b>POC05</b>	<b>C001</b>	<b>Composite Unit of Measure</b> To identify a composite unit of measure (See Figures Appendix for examples of use)	
Must Use		<b>355</b>	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	<b>ID 2/2</b>
Must Use	<b>POC06</b>	<b>212</b>	<b>Unit Price</b> Price per unit of product, service, commodity, etc.	<b>R 1/17</b>

Must Use	<b>POC08</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) BP Buyer's Part Number	<b>AN 2/2</b>
Must Use	<b>POC09</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service. Sanmina-SCI's Part Number	<b>AN 1/48</b>
Must Use	<b>POC10</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) MG Manufacturer's Part Number	<b>AN 2/2</b>
Must Use	<b>POC11</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service. Manufacturer's Part Number	<b>AN 1/48</b>

POC~1~CA~69600~58500~EA~3.3~~BP~9021173~MG~220122300}

**Segment:** **ACK** Line Item Acknowledgment  
**Position:** 270  
**Loop:** ACK  
**Level:** Detail  
**X12 Usage:** Optional  
**Sanmina-SCI Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To acknowledge the ordered quantities and specify the ready date for a specific line item

**Syntax Notes:**

- 1 If ACK02 is present, then ACK03 is required.
- 2 If ACK04 is present, then ACK05 is required.
- 3 If ACK07 is present, then ACK08 is required.
- 4 If ACK09 is present, then ACK10 is required.
- 5 If ACK11 is present, then ACK12 is required.
- 6 If ACK13 is present, then ACK14 is required.
- 7 If ACK15 is present, then ACK16 is required.
- 8 If ACK17 is present, then ACK18 is required.
- 9 If ACK19 is present, then ACK20 is required.
- 10 If ACK21 is present, then ACK22 is required.
- 11 If ACK23 is present, then ACK24 is required.
- 12 If ACK25 is present, then ACK26 is required.

**Semantic Notes:**  
**Comments:**

**Data Element Summary**

<u>Sanmina-SCI Required</u>	<u>Ref. Desc.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ACK01	668	<b>Line Item Status Code</b> Code specifying the action taken by the seller on a line item requested by the buyer AC Item Accepted and Shipped AR Item Accepted and Released for Shipment IA Item Accepted IC Item Accepted – Changes Made IP Item Accepted – Price Changed IQ Item Accepted – Quantity Changed IR Item Reject	ID 2/2
Must Use	ACK02	380	<b>Quantity</b> Numeric value of quantity	R 1/15
Must Use	ACK03	355	<b>Unit or Basis for Measurement Code</b> Code identifying the basic unit of measurement.	ID 3/3

ACK~AC~11100~EA }

**Segment:** **SCH** Line Item Schedule  
**Position:** 305  
**Loop:** SCH  
**Level:** Detail  
**X12 Usage:** Optional  
**Sanmina-SCI Usage:** Mandatory  
**Max Use:** 200  
**Purpose:** To specify the data for scheduling a specific line-item  
**Syntax Notes:**

- 1 If SCH03 is present, then SCH04 is required.
- 2 If SCH08 is present, then at least one of SCH09 or SCH10 is required.
- 3 If SCH09 is present, then SCH08 is required.
- 4 If SCH10 is present, then SCH08 is required.

**Semantic Notes:**

- 1 SCH12 is the schedule identification.

**Comments:**

- 1 SCH05 specifies the interpretation to be used for SCH06 and SCH07.

**Data Element Summary**

<u>Sanmina-SCI Required</u>	<u>Ref. Desc.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	SCH01	380	<b>Quantity</b> Numeric value of quantity	R 1/15
Must Use	SCH02	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken.	ID 2/2
Must Use	SCH05	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time 002 Delivery Requested	ID 3/3
Must Use	SCH06	373	<b>Date</b> Date expressed as CCYYMMDD Original delivery date in SCH06 from 860.	DT 8/8
Must Use	SCH08	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time 069 Promised at SCH04	ID 3/3
Must Use	SCH09	373	<b>Date</b> Date expressed as CCYYMMDD Date Promised by the supplier.	DT 8/8

SCH~11100~EA~~~002~20041113~~069~20041113}

**Segment:** **CTT Transaction Totals**  
**Position:** 010  
**Loop:** CTT  
**Level:** Summary  
**X12 Usage:** Optional  
**Sanmina-SCI Usage:** Mandatory  
**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**

<u>Sanmina-SCI Required</u>	<u>Ref. Desc.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	CTT01	354	<b>Number of Line Items</b> Total number of line items in the transaction set Number of PO1 segments in this transaction set.	<b>N0 1/6</b>

CTT~1 }

**Segment:** **SE** Transaction Set Trailer  
**Position:** 030  
**Loop:**  
**Level:** Summary  
**X12 Usage:** Mandatory  
**Sanmina-SCI 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**

<u>Sanmina-SCI Required</u>	<u>Ref. Desc.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	SE01	96	<b>Number of Included Segments</b> Total number of segments included in a transaction set including ST and SE segments	<b>N0 1/10</b>
Must Use	SE02	329	<b>Transaction Set Control Number</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	<b>AN 4/9</b>

SE~22~0049 }

**Example: 865 Purchase Order Change Acknowledgement**

ISA~00~ ~00~ ~01~31245678  
~01~SANMINACORP ~020828~0223~ ~00401~000000049~0~P}  
GS~CA~31245678~SANMINACORP~20020828~0223~49~X~004010}  
ST~865~0049}  
BCA~00~AD~16559~1~5.000000~20040620~~~~20040828~20040826}  
CUR~BY~USD}  
N1~ST~EMS PLANT E88~92~HSV-02}  
POC~1~CA~69600~58500~EA~3.3~~BP~9021173~MG~220122300}  
ACK~AC~11100~EA}  
SCH~11100~EA~~~002~20041113~~069~20041113}  
CTT~1}  
SE~8~0049}  
GE~1~49}  
IEA~1~000000049}