



**SANMINA-SCI
CORPORATION**

**PURCHASE ORDER CHANGE
ACKNOWLEDGMENT
INBOUND**

865

VERSION

004010

**Prepared By : Sanmina-SCI Information Technology & Services
Date : April 2, 2012
Version : 12**

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:

Pos. No.	Seg. ID	Name	X12 Req.	Sanmina-SCI Required	Loop Max.Use	Repeat	Notes and Comments
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	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 865 Purchase Order Change Acknowledgment/Request - Seller Initiated	ID 3/3
Must Use	ST02	329	Transaction Set Control Number 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	BCA01	353	Transaction Set Purpose Code Code identifying purpose of transaction set. 0 Original	ID 2/2
Must Use	BCA02	587	Acknowledgment Type Code specifying the type of acknowledgment AC Acknowledgement – With Detail and Change. AD Acknowledgement – With Detail, No Change. RD Reject with Detail.	ID 2/2
Must Use	BCA03	324	Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser <i>PO Release Number can be concatenated here with a dash but preference is for the supplier to provide Release Number in the BCA04</i>	AN 1/22
	BCA04	328	Release Number Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction. <i>If the original transaction was a Blanket PO Release the PO Release Number should be sent in this field (or the Release Number can be provided in the BCA03 as detailed above – preference is to use the BCA04).</i>	AN 1/30
Must Use	BCA05	327	Change Order Sequence Number Number assigned by the Buyer (orderer) identifying a specific change or revision to a previously transmitted transaction set	AN 1/8
Must Use	BCA06	373	Date Date expressed as CCYYMMDD. <i>Original Purchase Order Date.</i>	DT 8/8
	BCA09	367	Reference Number Supplier's Order Number.	AN 1/30
Must Use	BCA10	373	Date Date expressed as CCYYMMDD.	DT 8/8

865 PO Change Acknowledgment 4010

			<i>Acknowledgement date.</i>	
Must Use	BCA11	373	Date Date expressed as CCYYMMDD. <i>Date PO was Changed.</i>	DT 8/8

BCA~00~AD~16559~1~5.000000~20110620~~~~20110828~20110826}

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

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

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.

The following URL is where you will find a complete list of ship to codes that may be used by Sanmina-SCI.

<http://sanmina-sci.com/partners/programs.html>

Scroll to the bottom of the screen and look for PDF document [Ship to Address Codes](#).

Data Element Summary

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

N1~ST~SANMINA-SCI CORPORATION~92~443417 }

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:	<ol style="list-style-type: none"> 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	POC01	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set <i>Sanmina-SCI's purchase order line number.</i>	AN 1/20
Must Use	POC02	670	Change or Response Type Code Code specifying the type of change to the line item AI Add Additional Item(s) CA Changes to Line Item RJ Reject Interchange	ID 2/2
Must Use	POC03	330	Quantity Ordered Quantity Ordered	R 1/15
Must Use	POC04	671	Quantity Left to Receive Quantity left to receive as qualified by the unit of measure	R 1/9
	POC05	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	
Must Use		355	Unit or Basis for Measurement Code 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	POC06	212	Unit Price Price per unit of product, service, commodity, etc.	R 1/17
Must Use	POC08	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive	AN 2/2

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

POC~1~CA~69600~58500~EA~3.3~~BP~9021A73~MG~2201223TR}

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: 1 See **NOTES** section at bottom of document.

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	Line Item Status Code 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	Quantity Numeric value of quantity <i>PO1 Quantity.</i> <i>See notes section on page 14 of this document</i>	R 1/15
Must Use	ACK03	355	Unit or Basis for Measurement Code 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.
- 2 See **NOTES** section at bottom of document.

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	Quantity Numeric value of quantity	R 1/15
Must Use	SCH02	355	Unit or Basis for Measurement Code 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	Date/Time Qualifier Code specifying type of date or time, or both date and time 002 Delivery Requested	ID 3/3
Must Use	SCH06	373	Date Date expressed as CCYYMMDD <i>Original delivery date in SCH06 from 860.</i>	DT 8/8
Must Use	SCH08	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 069 Promised for delivery	ID 3/3
Must Use	SCH09	373	Date Date expressed as CCYYMMDD <i>Date Supplier confirms shipment to arrive at Sanmina-SCI</i>	DT 8/8

SCH~11100~EA~~~002~20111113~~069~20111113}

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	Number of Line Items Total number of line items in the transaction set <i>Number of POI segments in this transaction set.</i>	N0 1/6

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	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	N0 1/10
Must Use	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	AN 4/9

SE~22~0049 }

NOTES:

Specifically for the 860 document, the 865 SCH06 should be a turnaround to the 860 SCH06.

Ex of the 860: SCH*400*EA***002*20110209**069*20110216{

The corresponding 865: SCH*400*EA***002*20110209**069*20110216{

If splitting a schedule both lines of the 865 should maintain the request date.

Ex of the 860: SCH~40000~EA~~~002~20110209~~069~20110216{

The corresponding 865:

POC}1}CA}8000}8000}EA}0.14}PE}BP}ABCDEF1991}MG}WIDGET7{

ACK}IA}8000}EA{

SCH}8000}EA}}002}20051128}}069}20111215{

POC}1}CA}32000}32000}EA}0.0014}PE}BP}ABCDEF1991}MG}WIDGET7{

ACK}IA}32000}EA{

SCH}32000}EA}}002}20111128}}069}20120320{

Or, use this format:

Ex of the 860: SCH~40000~EA~~~002~20110209~~069~20110216{

The corresponding 865:

POC}1}CA}40000}40000}EA}0.14}PE}BP}ABCDEF1991}MG}WIDGET7{

ACK}IA}8000}EA{

ACK}IA}32000}EA{

SCH}8000}EA}}002}20111128}}069}20111215{

SCH}32000}EA}}002}20111128}}069}20120320{

Example 1: 865 Purchase Order Change Acknowledgment

ISA~00~ ~00~ ~01~31245678 ~01~SANMINACORP
 ~110828~0223~ ~00401~000000049~0~P}
 GS~CA~31245678~SANMINACORP~20110828~0223~49~X~004010}
 ST~865~0049}
 BCA~00~AD~16559~1~5.000000~20110620~20110828~20110826}
 CUR~BY~USD}
 N1~ST~SANMINA-SCI CORPORATION~92~443417}
 POC~1~CA~75000~50000~EA~3.3~BP~9021A73~MG~2201223TR}
 ACK~AC~50000~EA}
 SCH~50000~EA~002~20111113~069~20111113}
 CTT~1}
 SE~8~0049}
 GE~1~49}
 IEA~1~000000049}

Example 2: 865 Purchase Order Change Acknowledgment

ISA~00~ ~00~ ~01~31245678 ~01~SANMINACORP
 ~110828~0223~ ~00401~000000049~0~P}
 GS~CA~31245678~SANMINACORP~20110828~0223~49~X~004010}
 ST~865~0049}
 BCA~00~AD~16559~1~5.000000~20110620~20110828~20110826}
 CUR~BY~USD}
 N1~ST~SANMINA-SCI CORPORATION~92~443417}
 POC~1~CA~50000~25000~EA~3.3~BP~9021A73~MG~2201223TR}
 ACK~AC~25000~EA}
 SCH~25000~EA~002~20111113~069~20111113}
 POC~1~CA~25000~25000~EA~3.3~BP~9021A73~MG~2201223TR}
 ACK~AC~25000~EA}
 SCH~25000~EA~002~20111113~069~20111213}
 CTT~1}
 SE~12~0049}
 GE~1~49}
 IEA~1~000000049}

Example 3: 865 Purchase Order Change Acknowledgment

ISA~00~ ~00~ ~01~31245678 ~01~SANMINACORP
 ~110828~0223~ ~00401~000000049~0~P}
 GS~CA~31245678~SANMINACORP~20110828~0223~49~X~004010}
 ST~865~0049}
 BCA~00~AD~16559~1~5.000000~20110620~20110828~20110826}
 CUR~BY~USD}
 N1~ST~SANMINA-SCI CORPORATION~92~443417}
 POC~1~CA~75000~50000~EA~3.3~BP~9021A73~MG~2201223TR}
 ACK~AC~20000~EA}
 ACK~AC~30000~EA}
 SCH~20000~EA~002~20111113~069~20111113}
 SCH~30000~EA~002~20111113~069~20111213}
 CTT~1}
 SE~11~0049}
 GE~1~49}

865 PO Change Acknowledgment 4010

IEA~1~000000049}