

# **Micro Center**

**X12/V4010/860: 860 Purchase Order Change Request - Buyer Initiated**

**Author:**

**SPS Commerce**

# 860 Purchase Order Change Request - Buyer Initiated

Functional Group=**PC**

This Standard contains the format and establishes the data contents of the Purchase Order Change Request - Buyer Initiated Transaction Set (860) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide the information required for the customary and established business and industry practice relative to a purchase order change. This transaction can be used: (1) by a buyer to request a change to a previously submitted purchase order or (2) by a buyer to confirm acceptance of a purchase order change initiated by the seller or by mutual agreement of the two parties.

## Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	ST	Transaction Set Header	M	1			Must use
020	BCH	Beginning Segment for Purchase Order Change	M	1			Must use
060	PER	Administrative Communications Contact	O	1			Used
110	CSH	Sales Requirements	O	1			Used
150	DTM	Date/Time Reference	O	3			Used
240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	1			Used
<b>LOOP ID - N9</b>					<b>1</b>		
285	N9	Reference Identification	O	1			Used
290	MSG	Message Text	O	1			Used

## Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<b>LOOP ID - POC</b>					<b>&gt;1</b>		
010	POC	Line Item Change	O	1			Used
040	CTP	Pricing Information	O	1			Used

## Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<b>LOOP ID - CTT</b>					<b>1</b>	<b>N3/010L</b>	
010	CTT	Transaction Totals	O	1		N3/010	Used
030	SE	Transaction Set Trailer	M	1			Must use

## Notes:

- 3/010L 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.
- 3/010 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.

# ST Transaction Set Header

Pos: 010	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

**User Option (Usage):** Must use

To indicate the start of a transaction set and to assign a control number

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ST01	143	<b>Transaction Set Identifier Code</b>	M	ID	3/3	Must use
<b>Description:</b> Code uniquely identifying a Transaction Set						
<b>Code Name</b>						
860 Purchase Order Change Request - Buyer Initiated						
ST02	329	<b>Transaction Set Control Number</b>	M	AN	4/9	Must use
<b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set						

## Semantics:

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).

# BCH Beginning Segment for Purchase Order Change

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 5

**User Option (Usage):** Must use

To indicate the beginning of the Purchase Order Change Transaction Set and transmit identifying numbers and dates

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BCH01	353	<b>Transaction Set Purpose Code</b>	M	ID	2/2	Must use
		<b>Description:</b> Code identifying purpose of transaction set				
		<b>Code Name</b>				
		01 Cancellation				
		04 Change				
BCH02	92	<b>Purchase Order Type Code</b>	M	ID	2/2	Must use
		<b>Description:</b> Code specifying the type of Purchase Order				
		<b>Code Name</b>				
		CP Change to Purchase Order				
BCH03	324	<b>Purchase Order Number</b>	M	AN	1/22	Must use
		<b>Description:</b> Identifying number for Purchase Order assigned by the orderer/purchaser				
BCH06	373	<b>Date</b>	M	DT	8/8	Must use
		<b>Description:</b> Date expressed as CCYYMMDD				
BCH11	373	<b>Date</b>	O	DT	8/8	Used
		<b>Description:</b> Date expressed as CCYYMMDD				

## Semantics:

1. BCH06 is the date assigned by the purchaser to purchase order.
2. BCH11 is the date of the purchase order change request.

# PER Administrative Communications Contact

Pos: 060	Max: 1
Heading - Optional	
Loop: N/A	Elements: 4

User Option (Usage): Used

To identify a person or office to whom administrative communications should be directed

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PER01	366	<b>Contact Function Code</b>	M	ID	2/2	Must use
		<b>Description:</b> Code identifying the major duty or responsibility of the person or group named				
		<u>Code</u>	<u>Name</u>			
		IC	Information Contact			
PER02	93	<b>Name</b>	O	AN	1/60	Used
		<b>Description:</b> Free-form name				
PER03	365	<b>Communication Number Qualifier</b>	X	ID	2/2	Used
		<b>Description:</b> Code identifying the type of communication number				
		<u>Code</u>	<u>Name</u>			
		TE	Telephone			
PER04	364	<b>Communication Number</b>	X	AN	1/80	Used
		<b>Description:</b> Complete communications number including country or area code when applicable				

## Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.

# CSH Sales Requirements

Pos: 110	Max: 1
Heading - Optional	
Loop: N/A	Elements: 1

User Option (Usage): Used

To specify general conditions or requirements of the sale

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CSH01	563	Sales Requirement Code	O	ID	1/2	Used

**Description:** Code to identify a specific requirement or agreement of sale

**Code Name**

- N No Back Order
- Y Back Order if Out of Stock

# DTM Date/Time Reference

Pos: 150	Max: 3
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

To specify pertinent dates and times

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM01	374	<b>Date/Time Qualifier</b>	M	ID	3/3	Must use
<b>Description:</b> Code specifying type of date or time, or both date and time						
<b>Code Name</b>						
001 Cancel After						
002 Delivery Requested						
010 Requested Ship						
DTM02	373	<b>Date</b>	M	DT	8/8	Must use
<b>Description:</b> Date expressed as CCYYMMDD						

## Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.

# TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 240	Max: 1
Heading - Optional	
Loop: N/A	Elements: 1

User Option (Usage): Used

To specify the carrier and sequence of routing and provide transit time information

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TD505	387	Routing	X	AN	1/35	Used

**Description:** Free-form description of the routing or requested routing for shipment, or the originating carrier's identity

## Syntax Rules:

1. R0204050612 - At least one of TD502, TD504, TD505, TD506 or TD512 is required.



# Loop N9

Pos: 285	Repeat: 1
Optional	
Loop: N9	Elements: N/A

User Option (Usage): Used

To transmit identifying information as specified by the Reference Identification Qualifier

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
285	N9	Reference Identification	O	1		Used
290	MSG	Message Text	O	1		Used

# N9 Reference Identification

Pos: 285	Max: 1
Heading - Optional	
Loop: N9	Elements: 2

User Option (Usage): Used

To transmit identifying information as specified by the Reference Identification Qualifier

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N901	128	<b>Reference Identification Qualifier</b>	M	ID	2/3	Must use
<b>Description:</b> Code qualifying the Reference Identification						
<b>Code Name</b>						
L1 Letters or Notes						
N903	369	<b>Free-form Description</b>	M	AN	1/45	Must use
<b>Description:</b> Free-form descriptive text						

## Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.

## Semantics:

1. N906 reflects the time zone which the time reflects.

# MSG Message Text

Pos: 290	Max: 1
Heading - Optional	
Loop: N9	Elements: 1

User Option (Usage): Used

To provide a free-form format that allows the transmission of text information

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MSG01	933	Free-Form Message Text	M	AN	1/264	Must use

Description: Free-form message text

# Loop POC

Pos: 010	Repeat: >1
Optional	
Loop: POC Elements: N/A	

User Option (Usage): Used

To specify changes to a line item

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
010	POC	Line Item Change	O	1		Used
040	CTP	Pricing Information	O	1		Used

# POC Line Item Change

Pos: 010	Max: 1
Detail - Optional	
Loop: POC	Elements: 13

User Option (Usage): Used

To specify changes to a line item

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
POC01	350	<b>Assigned Identification</b>	O	AN	1/20	Used
<b>Description:</b> Alphanumeric characters assigned for differentiation within a transaction set						
POC02	670	<b>Change or Response Type Code</b>	M	ID	2/2	Must use
<b>Description:</b> Code specifying the type of change to the line item						
<b>Code Name</b>						
AI Add Additional Item(s)						
CA Changes To Line Items						
DI Delete Item(s)						
PC Price Change						
PQ Unit Price/Quantity Change						
QD Quantity Decrease						
QI Quantity Increase						
POC03	330	<b>Quantity Ordered</b>	O	R	1/15	Used
<b>Description:</b> Quantity ordered						
<b>User Note 1:</b> This will be the balance of this item prior to this change						
POC04	671	<b>Quantity Left to Receive</b>	X	R	1/9	Used
<b>Description:</b> Quantity left to receive as qualified by the unit of measure						
<b>User Note 1:</b> This will be the item quantity after this change has been applied to the item						
POC05	C001	<b>Composite Unit of Measure</b>	X	Comp		Used
<b>Description:</b> To identify a composite unit of measure(See Figures Appendix for examples of use)						
	355	<b>Unit or Basis for Measurement Code</b>	M	ID	2/2	Must use
<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken						
<b>Code Name</b>						
EA Each						
POC06	212	<b>Unit Price</b>	X	R	1/17	Used
<b>Description:</b> Price per unit of product, service, commodity, etc.						
POC07	639	<b>Basis of Unit Price Code</b>	O	ID	2/2	Used
<b>Description:</b> Code identifying the type of unit price for an item						

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
<b>All valid standard codes are used.</b>						
POC08	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Used
<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
<b>Code Name</b>						
IB International Standard Book Number (ISBN)						
VP Vendor's (Seller's) Part Number						
POC09	234	<b>Product/Service ID</b>	X	AN	1/48	Used
<b>Description:</b> Identifying number for a product or service						
POC10	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Used
<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
<b>Code Name</b>						
BP Buyer's Part Number						
POC11	234	<b>Product/Service ID</b>	X	AN	1/48	Used
<b>Description:</b> Identifying number for a product or service						
POC12	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Used
<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
<b>Code Name</b>						
UP U.P.C. Consumer Package Code (1-5-5-1)						
POC13	234	<b>Product/Service ID</b>	X	AN	1/48	Used
<b>Description:</b> Identifying number for a product or service						

### Syntax Rules:

1. C030405 - If POC03 is present, then POC04 and POC05 are required.
2. C0706 - If POC07 is present, then POC06 is required.
3. P0809 - If either POC08 or POC09 is present, then the other is required.
4. P1011 - If either POC10 or POC11 is present, then the other is required.
5. P1213 - If either POC12 or POC13 is present, then the other is required.

### Semantics:

1. POC01 is the purchase order line item identification.

# CTP Pricing Information

Pos: 040	Max: 1
Detail - Optional	
Loop: POC	Elements: 2

User Option (Usage): Used

To specify pricing information

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTP02	236	<b>Price Identifier Code</b>	M	ID	3/3	Must use
		<b>Description:</b> Code identifying pricing specification				
		<b>Code Name</b>				
		MSR Manufacturer's Suggested Retail				
CTP03	212	<b>Unit Price</b>	M	R	1/17	Must use
		<b>Description:</b> Price per unit of product, service, commodity, etc.				

# Loop CTT

Pos: 010	Repeat: 1
Optional	
Loop: CTT	Elements: N/A

User Option (Usage): Used

To transmit a hash total for a specific element in the transaction set

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
010	CTT	Transaction Totals	O	1		Used



# CTT Transaction Totals

Pos: 010	Max: 1
Summary - Optional	
Loop: CTT	Elements: 1

User Option (Usage): Used

To transmit a hash total for a specific element in the transaction set

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTT01	354	Number of Line Items	M	N0	1/6	Must use

**Description:** Total number of line items in the transaction set

## Comments:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

# SE Transaction Set Trailer

Pos: 030	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

**User Option (Usage):** Must use

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	<b>Number of Included Segments</b>	M	NO	1/10	Must use
		<b>Description:</b> Total number of segments included in a transaction set including ST and SE segments				
SE02	329	<b>Transaction Set Control Number</b>	M	AN	4/9	Must use
		<b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

## Comments:

1. SE is the last segment of each transaction set.