Marine Corps Exchange Purchase Order Change

860 Purchase Order Change Request - Buyer Initiated

Functional Group=**PC**

Purpose: 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:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	BCH	Beginning Segment for Purchase Order Change	M	1			Must use
0500	REF	Reference Identification	M	1			Must use
0800	FOB	F.O.B. Related Instructions	O	1			Used
1300	ITD	Terms of Sale/Deferred Terms of Sale	O	1			Used
1500	DTM	Date/Time Reference	O	3			Used
2400	TD5	Carrier Details (Routing Sequence/Transit Time)	O	1			Used
LOOP ID - N9					**1**		
2950	N9	Reference Identification	O	1			Used
3000	MTX	Text	O	5			Used
LOOP ID - N1					**2**		
3100	N1	Name	O	1			Used
3200	N2	Additional Name Information	O	1			Used
3300	N3	Address Information	O	1			Used
3400	N4	Geographic Location	O	1			Used

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - POC					**>1**		
0100	POC	Line Item Change	O	1			Used
LOOP ID - CTP					**1**		
0400	CTP	Pricing Information	O	1			Used
LOOP ID - PID					**4**		
0500	PID	Product/Item Description	O	1			Used
0900	PO4	Item Physical Details	O	1			Used
1900	SDQ	Destination Quantity	O	500			Used

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - CTT					**1**	**N3/0100L**	
0100	CTT	Transaction Totals	O	1		N3/0100	Used
0300	SE	Transaction Set Trailer	M	1			Must use

Notes:

3/0100L   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.

3/0100   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.

General Usage:

The Purchase Order Change is used differently based on Order Model:

Ship to Warehouse(Replenishment):

- Header Level N1 (ST) is used to indicate Warehouse Location and No SDQ

Ship to Warehouse(Cross Dock):

- Header Level N1 (ST) is used to indicate the ship to Warehouse Location and No

- SDQ will indicate the Marked For Location(s) and Qty(s) for each item

Ship Direct to Store:

- If one location sent per PO - the Store location would be present in the Header Level N1(ST) and No SDQ

- If multiple locations are sent per PO - the Store locations would be sent in SDQ and Header N1(ST) is NOT used.

- If there is no location ID in the Ship To and no SDQ locatoins, this order is a "special order" that needs to be delivered to the address indicated

Revision History:

Revision History:

3/1/10 –

-Updated POC segment that Vendor Style is optional not mandatory

-Changed BCH02 qualifier list to only be CP

3/5/2012

-removed the date qualifier 001- Cancel Date

-added the date qualifier 038 - Ship No Later than

2/3/2015

-Added notes around cross dock usage

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	**Elements: 2**

User Option (Usage): Must use

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use

Description: Code uniquely identifying a Transaction Set

CodeList Summary (Total Codes: 314, Included: 1)

Code	Name
860	Purchase Order Change Request - Buyer Initiated

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Must use

Description: 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) 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).

2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition.

BCH   Beginning Segment for Purchase Order Change

<div style="border:1px solid black; padding:4px;">
Pos: 0200   Max: 1
Heading - Mandatory
Loop: N/A   Elements: 7
</div>

User Option (Usage): Must use

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BCH01	353	**Transaction Set Purpose Code**	M	ID	2/2	Must use

Description: Code identifying purpose of transaction set

CodeList Summary (Total Codes: 65, Included: 2)

Code	Name
01	Cancellation
04	Change

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BCH02	92	**Purchase Order Type Code**	M	ID	2/2	Must use

Description: Code specifying the type of Purchase Order

CodeList Summary (Total Codes: 71, Included: 5)

Code	Name
BK	Blanket Order (Quantity Firm)
CP	Change to Purchase Order
DS	Dropship
RL	Release or Delivery Order
SA	Stand-alone Order

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BCH03	324	**Purchase Order Number**	M	AN	1/22	Must use

Description: Identifying number for Purchase Order assigned by the orderer/purchaser

User Note 1: *Purchase Order Number*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BCH04	328	**Release Number**	O	AN	1/30	Used

Description: Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BCH05	327	**Change Order Sequence Number**	M	AN	1/8	Must use

Description: Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BCH06	373	**Date**	O	DT	8/8	Used

Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

User Note 1: *Purchase Order Date*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BCH11	373	**Date**	M	DT	8/8	Must use

Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

User Note 1: *Purchase Order Change Date*

Ref	**Id**	**Element Name**	**Req**	**Type**	**Min/Max**	**Usage**

Semantics:

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

REF   Reference Identification

Pos: 0500	**Max: 1**
Heading - Mandatory	
Loop: N/A	**Elements: 2**

User Option (Usage): Must use

Purpose: To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1631, Included: 1)

Code	Name
IA	Internal Vendor Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF02	127	**Reference Identification**	M	AN	1/50	Must use

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

User Note 1:

Vendor number (Duns)

FOB F.O.B. Related Instructions

User Option (Usage): Used

Purpose: To specify transportation instructions relating to shipment

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
FOB01	146	**Shipment Method of Payment**	M	ID	2/2	Must use

Description: Code identifying payment terms for transportation charges

CodeList Summary (Total Codes: 31, Included: 1)

Code	Name
DF	Defined by Buyer and Seller

Ref	Id	Element Name	Req	Type	Min/Max	Usage
FOB02	309	**Location Qualifier**	X	ID	1/2	Used

Description: Code identifying type of location

CodeList Summary (Total Codes: 176, Included: 3)

Code	Name
AC	City and State
DE	Destination (Shipping)
OR	Origin (Shipping Point)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
FOB03	352	**Description**	O	AN	1/80	Used

Description: A free-form description to clarify the related data elements and their content

Syntax Rules:

1. C0302 - If FOB03 is present, then FOB02 is required.

Semantics:

1. FOB01 indicates which party will pay the carrier.
2. FOB02 is the code specifying transportation responsibility location.

ITD Terms of Sale/Deferred Terms of Sale

Pos: 1300	Max: 1
Heading - Optional	
Loop: N/A	**Elements: 1**

User Option (Usage): Used

Purpose: To specify terms of sale

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ITD12	352	**Description**	M	AN	1/80	Must use

> **Description:** A free-form description to clarify the related data elements and their content
>
> **User Note 1:** *Terms Description*

DTM Date/Time Reference

Pos: 1500   Max: 3
Heading - Optional
Loop: N/A   Elements: 2

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	374	**Date/Time Qualifier**	M	ID	3/3	Must use

Description: Code specifying type of date or time, or both date and time

CodeList Summary (Total Codes: 1226, Included: 3)

Code	Name
002	Delivery Requested
037	Ship Not Before
038	Ship No Later

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM02	373	**Date**	M	DT	8/8	Must use

Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 2400　　**Max: 1**
Heading - Optional
Loop: N/A　　**Elements: 3**

User Option (Usage): Used

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD502	66	**Identification Code Qualifier**	X	ID	1/2	Used

Description: Code designating the system/method of code structure used for Identification Code (67)

CodeList Summary (Total Codes: 223, Included: 1)

Code Name

2　　Standard Carrier Alpha Code (SCAC)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD503	67	**Identification Code**	X	AN	2/80	Used

Description: Code identifying a party or other code

User Note 1: *SCAC (Standard Carrier Alpha Code)*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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.
2. C0203 - If TD502 is present, then TD503 is required.

Comments:

1. When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

N9 Reference Identification

Pos: 2950	**Max: 1**
Heading - Optional	
Loop: N9	**Elements: 2**

User Option (Usage): Used

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N901	128	**Reference Identification Qualifier**	M	ID	2/3	Must use

    Description: Code qualifying the Reference Identification

    CodeList Summary (Total Codes: 1631, Included: 1)

    Code Name

    L1   Letters or Notes

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N903	369	**Free-form Description**	M	AN	1/45	Must use

    Description: Free-form descriptive text

Syntax Rules:

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

MTX Text

Pos: 3000	Max: 5
Heading - Optional	
Loop: N9	**Elements: 1**

User Option (Usage): Used

Purpose: To specify textual data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MTX02	1551	**Message Text**	M	AN	1/4096	Must use

Description: To transmit large volumes of message text

N1   Name

<div style="border:1px solid black">
Pos: 3100   Max: 1
Heading - Optional
Loop: N1   Elements: 4
</div>

User Option (Usage): Used

Purpose: To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use

Description: Code identifying an organizational entity, a physical location, property or an individual

CodeList Summary (Total Codes: 1446, Included: 2)

Code	Name
BT	Bill-to-Party
ST	Ship To

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N102	93	**Name**	X	AN	1/60	Used

Description: Free-form name

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N103	66	**Identification Code Qualifier**	X	ID	1/2	Used

Description: Code designating the system/method of code structure used for Identification Code (67)

CodeList Summary (Total Codes: 223, Included: 1)

Code	Name
92	Assigned by Buyer or Buyer's Agent

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N104	67	**Identification Code**	X	AN	2/80	Used

Description: Code identifying a party or other code

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

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.

User Note 1:

Ship To address will only be sent for Bulk shipments to the DC, Cross Dock, Single Store or Special orders (not sent for Multi-Store POs)

When Ship To N1 is sent, the Site/Store number will be 5 digits including a leading zero.

N2 Additional Name Information

Pos: 3200	**Max: 1**
Heading - Optional	
Loop: N1	**Elements: 1**

User Option (Usage): Used

Purpose: To specify additional names

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N201	93	**Name**	M	AN	1/60	Must use

Description: Free-form name

N3 Address Information

Pos: 3300	Max: 1
Heading - Optional	
Loop: N1	**Elements: 2**

User Option (Usage): Used

Purpose: To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information**	M	AN	1/55	Must use
		Description: Address information				
N302	166	**Address Information**	O	AN	1/55	Used
		Description: Address information				

N4   Geographic Location

Pos: 3400	Max: 1
Heading - Optional	
Loop: N1	**Elements: 4**

User Option (Usage): Used

Purpose: To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name**	O	AN	2/30	Used

Description: Free-form text for city name

| N402 | 156 | **State or Province Code** | X | ID | 2/2 | Used |

Description: Code (Standard State/Province) as defined by appropriate government agency

| N403 | 116 | **Postal Code** | O | ID | 3/15 | Used |

Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)

| N404 | 26 | **Country Code** | X | ID | 2/3 | Used |

Description: Code identifying the country

Comments:

1. N402 is required only if city name (N401) is in the U.S. or Canada.

POC Line Item Change

<div style="border:1px solid black">

Pos: 0100   **Max: 1**

Detail - Optional

Loop: POC   **Elements: 9**

</div>

User Option (Usage): Used

Purpose: To specify changes to a line item

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC02	670	**Change or Response Type Code**	M	ID	2/2	Must use

Description: Code specifying the type of change to the line item

CodeList Summary (Total Codes: 30, Included: 8)

Code	Name
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
RZ	Replace All Values

POC03	330	**Quantity Ordered**	O	R	1/15	Used

Description: Quantity ordered

User Note 1: *Original Ordered Qty*

(Qty prior to this change)

POC04	671	**Quantity Left to Receive**	X	R	1/9	Used

Description: Quantity left to receive as qualified by the unit of measure

User Note 1: *Changed Qty*

(Qty after this change)

POC05	C001	**Composite Unit of Measure**	X	Comp		Used

Description: To identify a composite unit of measure(See Figures Appendix for examples of use)

User Note 1: *MCX will only be sending the Unit of Measure of EA. Please contact your buyer to corrdinate updates*

POC05-01	355	**Unit or Basis for Measurement Code**	M	ID	2/2	Must use

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

CodeList Summary (Total Codes: 804, Included: 1)

Code	Name
EA	Each

POC06	212	**Unit Price**	X	R	1/17	Used

Description: Price per unit of product, service, commodity, etc.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC08	235	**Product/Service ID Qualifier**	X	ID	2/2	Used

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CodeList Summary (Total Codes: 505, Included: 1)

Code	Name
VA	Vendor's Style Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC09	234	**Product/Service ID**	X	AN	1/48	Used

Description: Identifying number for a product or service

User Note 1: *Vendor's Part Number*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC10	235	**Product/Service ID Qualifier**	X	ID	2/2	Used

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CodeList Summary (Total Codes: 505, Included: 2)

Code	Name
EN	EAN/UCC - 13
UP	UCC - 12

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC11	234	**Product/Service ID**	X	AN	1/48	Used

Description: Identifying number for a product or service

User Note 1: *Vendor's UPC/EAN Number*

Syntax Rules:

1. C030405 - If POC03 is present, then POC04 and POC05 are required.
2. P0809 - If either POC08 or POC09 is present, then the other is required.
3. P1011 - If either POC10 or POC11 is present, then the other is required.

Semantics:

1. POC01 is the purchase order line item identification.

User Note 1:

Suppliers need to be aware that for the Direct Store Delivery orders more than one POC segment may be sent containing the same Supplier Style and UPC numbers within the order. These are not duplicates, rather each occurrence represents a different Cost and/or Retail Price associated with the MCX locations for that item. As the order is shipped to the individual locations the price listed for that item for that location in PO104 should be the price being invoices on that 810. If you are currently not receiving orders via paper with this information then you will not be seeing this scenario when you go live with EDI.

CTP   Pricing Information

Pos: 0400	Max: 1
Detail - Optional	
Loop: CTP	**Elements: 2**

User Option (Usage): Used

Purpose: To specify pricing information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTP02	236	**Price Identifier Code**	M	ID	3/3	Must use

Description: Code identifying pricing specification

CodeList Summary (Total Codes: 167, Included: 1)

Code	Name
RTL	Retail

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTP03	212	**Unit Price**	M	R	1/17	Must use

Description: Price per unit of product, service, commodity, etc.

PID Product/Item Description

User Option (Usage): Used

Purpose: To describe a product or process in coded or free-form format

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PID01	349	**Item Description Type**	M	ID	1/1	Must use

Description: Code indicating the format of a description

CodeList Summary (Total Codes: 3, Included: 1)

Code	Name
F	Free-form

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PID02	750	**Product/Process Characteristic Code**	O	ID	2/3	Used

Description: Code identifying the general class of a product or process characteristic

CodeList Summary (Total Codes: 235, Included: 4)

Code	Name
08	Product
73	Vendor color description
74	Vendor size description
75	Buyer's Color Description

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PID05	352	**Description**	M	AN	1/80	Must use

Description: A free-form description to clarify the related data elements and their content

PO4   Item Physical Details

Pos: 0900	**Max: 1**
Detail - Optional	
Loop: POC	**Elements: 3**

User Option (Usage): Used

Purpose: To specify the physical qualities, packaging, weights, and dimensions relating to the item

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO401	356	**Pack**	O	N0	1/6	Used

Description: The number of inner containers, or number of eaches if there are no inner containers, per outer container

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO402	357	**Size**	X	R	1/8	Used

Description: Size of supplier units in pack

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO403	355	**Unit or Basis for Measurement Code**	X	ID	2/2	Used

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

CodeList Summary (Total Codes: 803, Included: 1)

Code	Name
EA	Each

Syntax Rules:

1. P0203 - If either PO402 or PO403 is present, then the other is required.

SDQ   Destination Quantity

<table>
<tr><td>Pos: 1900</td><td>Max: 500</td></tr>
<tr><td colspan="2" align="center">Detail - Optional</td></tr>
<tr><td>Loop: POC</td><td>Elements: 23</td></tr>
</table>

User Option (Usage): Used

Purpose: To specify destination and quantity detail

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SDQ01	355	**Unit or Basis for Measurement Code**	M	ID	2/2	Must use

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

CodeList Summary (Total Codes: 803, Included: 1)

Code	Name
EA	Each

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SDQ02	66	**Identification Code Qualifier**	O	ID	1/2	Used

Description: Code designating the system/method of code structure used for Identification Code (67)

CodeList Summary (Total Codes: 223, Included: 1)

Code	Name
92	Assigned by Buyer or Buyer's Agent

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SDQ03	67	**Identification Code**	M	AN	2/80	Must use

Description: Code identifying a party or other code

User Note 1: *Store Number*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SDQ04	380	**Quantity**	M	R	1/15	Must use

Description: Numeric value of quantity

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SDQ05	67	**Identification Code**	X	AN	2/80	Used

Description: Code identifying a party or other code

User Note 1: *Store Number*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SDQ06	380	**Quantity**	X	R	1/15	Used

Description: Numeric value of quantity

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SDQ07	67	**Identification Code**	X	AN	2/80	Used

Description: Code identifying a party or other code

User Note 1: *Store Number*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SDQ08	380	**Quantity**	X	R	1/15	Used

Description: Numeric value of quantity

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SDQ09	67	**Identification Code**	X	AN	2/80	Used

Description: Code identifying a party or other code

User Note 1: *Store Number*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SDQ10	380	**Quantity**	X	R	1/15	Used

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Description: Numeric value of quantity				
SDQ11	67	**Identification Code**	X	AN	2/80	Used
		Description: Code identifying a party or other code				
		User Note 1: *Store Number*				
SDQ12	380	**Quantity**	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ13	67	**Identification Code**	X	AN	2/80	Used
		Description: Code identifying a party or other code				
		User Note 1: *Store Number*				
SDQ14	380	**Quantity**	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ15	67	**Identification Code**	X	AN	2/80	Used
		Description: Code identifying a party or other code				
		User Note 1: *Store Number*				
SDQ16	380	**Quantity**	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ17	67	**Identification Code**	X	AN	2/80	Used
		Description: Code identifying a party or other code				
		User Note 1: *Store Number*				
SDQ18	380	**Quantity**	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ19	67	**Identification Code**	X	AN	2/80	Used
		Description: Code identifying a party or other code				
		User Note 1: *Store Number*				
SDQ20	380	**Quantity**	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ21	67	**Identification Code**	X	AN	2/80	Used
		Description: Code identifying a party or other code				
		User Note 1: *Store Number*				
SDQ22	380	**Quantity**	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ23	310	**Location Identifier**	O	AN	1/30	Used
		Description: Code which identifies a specific location				
		User Note 1: *Store Number*				

Syntax Rules:

1. P0506 - If either SDQ05 or SDQ06 is present, then the other is required.
2. P0708 - If either SDQ07 or SDQ08 is present, then the other is required.
3. P0910 - If either SDQ09 or SDQ10 is present, then the other is required.
4. P1112 - If either SDQ11 or SDQ12 is present, then the other is required.
5. P1314 - If either SDQ13 or SDQ14 is present, then the other is required.
6. P1516 - If either SDQ15 or SDQ16 is present, then the other is required.
7. P1718 - If either SDQ17 or SDQ18 is present, then the other is required.
8. P1920 - If either SDQ19 or SDQ20 is present, then the other is required.
9. P2122 - If either SDQ21 or SDQ22 is present, then the other is required.

Semantics:

1. SDQ23 identifies the area within the location identified in SDQ03, SDQ05, SDQ07, SDQ09, SDQ11, SDQ13, SDQ15, SDQ17, SDQ19, and SDQ21.

Comments:

1. SDQ02 is used only if different than previously defined in the transaction set.
2. SDQ03 is the store number.

User Note 1:

When an order is Shipped directly to multiple stores an SDQ segment is used (no N1*ST loop) to indicate each store location and quantity. MCX will require a separate 856 and 810 for each store/shipment made against the DSD orders.

When an order is Cross Docked (Shipped to the Warehouse but Marked for particular stores) an SDQ segment is used (with the Whse Location in N104*ST) to indicate the marked for store and quantity. MCS will require a single 856 and 810 per SHIP TO (N1*ST) location, not per SDQ location.

When SDQ is sent, the Site/Store number will be 5 digits including a leading zero.

CTT Transaction Totals

Pos: 0100	Max: 1
Summary - Optional	
Loop: CTT	Elements: 1

User Option (Usage): Used

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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: 0300	Max: 1
Summary - Mandatory	
Loop: N/A	**Elements: 2**

User Option (Usage): Must use

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)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use

Description: Total number of segments included in a transaction set including ST and SE segments

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Must use

Description: 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.