

Marine Corps Exchange Purchase Order

Author: SPS Commerce
Company:

850 Purchase Order

Functional Group=**PO**

Purpose: This Standard contains the format and establishes the data contents of the Purchase Order Transaction Set (850) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the placement of purchase orders for goods and services. This transaction set should not be used to convey purchase order changes or purchase order acknowledgment information.

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>
0100	ST	Transaction Set Header	M	1			Must use
0200	BEG	Beginning Segment for Purchase Order	M	1			Must use
0400	CUR	Currency	O	1			Used
0500	REF	Reference Identification	M	1			Must use
0800	FOB	F.O.B. Related Instructions	O	1			Used
1100	CSH	Sales Requirements	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
<u>LOOP ID - N9</u>					<u>1</u>		
2950	N9	Reference Identification	O	1			Used
3000	MTX	Text	O	5			Used
<u>LOOP ID - N1</u>					<u>2</u>		
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:

<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>
<u>LOOP ID - PO1</u>					<u>100000</u>	<u>N2/0100L</u>	
0100	PO1	Baseline Item Data	M	1		N2/0100	Must use
<u>LOOP ID - CTP</u>					<u>1</u>		
0400	CTP	Pricing Information	O	1			Used
<u>LOOP ID - PID</u>					<u>4</u>		
0500	PID	Product/Item Description	O	1			Used
0900	PO4	Item Physical Details	O	1			Used
1900	SDQ	Destination Quantity	O	500			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>
LOOP ID - CTT						1	N3/0100L
0100	CTT	Transaction Totals	M	1		N3/0100	Must use
0300	SE	Transaction Set Trailer	M	1			Must use

Notes:

- 2/0100L PO102 is required.
- 2/0100 PO102 is required.
- 3/0100L The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.
- 3/0100 The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

General Usage:

The Purchase Order is used differently based on Order Model:

Ship to Store/DC::

- 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, Multi 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 locatoin, this order is a "special order" that needs to be delivered to the address indicated

Revision History:

3/5/2012

- removed the date qualifier of 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:

<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	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

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ST02	329	Transaction Set Control Number	M	AN	4/9	Must use
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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).

BEG Beginning Segment for Purchase Order

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 5

User Option (Usage): Must use

Purpose: To indicate the beginning of the Purchase Order 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>
BEG01	353	Transaction Set Purpose Code	M	ID	2/2	Must use

Description: Code identifying purpose of transaction set

CodeList Summary (Total Codes: 65, Included: 3)

<u>Code</u>	<u>Name</u>
00	Original
01	Cancellation
05	Replace

BEG02	92	Purchase Order Type Code	M	ID	2/2	Must use
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Description: Code specifying the type of Purchase Order

CodeList Summary (Total Codes: 71, Included: 4)

<u>Code</u>	<u>Name</u>
BK	Blanket Order (Quantity Firm)
DS	Dropship

User Note 1:
Vendor ships directly to consumer

RL	Release or Delivery Order
SA	Stand-alone Order

BEG03	324	Purchase Order Number	M	AN	1/22	Must use
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Description: Identifying number for Purchase Order assigned by the orderer/purchaser

BEG04	328	Release Number	O	AN	1/30	Used
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Description: Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction

User Note 1: *Suppliers should be aware that MCX creates a new "revision" number for each change however not all changes to the PO are/need to be communicated to the suppliers via EDI, thus you may receive replacement orders that may have a gap from the last update.*

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<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BEG05	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 Date*

Semantics:

1. BEG05 is the date assigned by the purchaser to purchase order.

CUR Currency

Pos: 0400	Max: 1
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

Purpose: To specify the currency (dollars, pounds, francs, etc.) used in a transaction

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>
CUR01	98	Entity Identifier Code	M	ID	2/3	Must use
<p>Description: Code identifying an organizational entity, a physical location, property or an individual</p> <p>CodeList Summary (Total Codes: 1446, Included: 1)</p> <p>Code Name</p> <p>SE Selling Party</p>						
CUR02	100	Currency Code	M	ID	3/3	Must use
<p>Description: Code (Standard ISO) for country in whose currency the charges are specified</p>						

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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use
<p>Description: Code qualifying the Reference Identification</p> <p>CodeList Summary (Total Codes: 1631, Included: 1)</p> <p><u>Code</u> <u>Name</u></p> <p>IA Internal Vendor Number</p>						
REF02	127	Reference Identification	M	AN	1/50	Must use
<p>Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</p>						

User Note 1:

Vendor number (Duns) will be required to be returned on the 856 and 810 transactions

FOB F.O.B. Related Instructions

Pos: 0800	Max: 1
Heading - Optional	
Loop: N/A	Elements: 3

User Option (Usage): Used

Purpose: To specify transportation instructions relating to shipment

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>
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				
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)				
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.

CSH Sales Requirements

Pos: 1100	Max: 1
Heading - Optional	
Loop: N/A	Elements: 1

User Option (Usage): Used

Purpose: 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	M	ID	1/2	Must use

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

CodeList Summary (Total Codes: 56, Included: 2)

Code Name

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

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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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:

<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	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)

<u>Code</u>	<u>Name</u>
002	Delivery Requested
037	Ship Not Before
038	Ship No Later

DTM02	373	Date	M	DT	8/8	Must use
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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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
TD502	66	Identification Code Qualifier	X	ID	1/2	Used				
<p>Description: Code designating the system/method of code structure used for Identification Code (67)</p> <p>CodeList Summary (Total Codes: 223, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Standard Carrier Alpha Code (SCAC)</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	2	Standard Carrier Alpha Code (SCAC)
<u>Code</u>	<u>Name</u>									
2	Standard Carrier Alpha Code (SCAC)									
TD503	67	Identification Code	X	AN	2/80	Used				
<p>Description: Code identifying a party or other code</p> <p>User Note 1: SCAC (Standard Carrier Alpha Code)</p>										
TD505	387	Routing	X	AN	1/35	Used				
<p>Description: Free-form description of the routing or requested routing for shipment, or the originating carrier's identity</p>										

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.

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:

<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	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

N903	369	Free-form Description	M	AN	1/45	Must use
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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:

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

Description: To transmit large volumes of message text

N1 Name

Pos: 3100	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

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

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>
N101	98	Entity Identifier Code	M	ID	2/3	Must use
<p>Description: Code identifying an organizational entity, a physical location, property or an individual</p> <p>CodeList Summary (Total Codes: 1446, Included: 2)</p> <p>Code Name</p> <p>BT Bill-to-Party</p> <p>ST Ship To</p>						
N102	93	Name	X	AN	1/60	Used
<p>Description: Free-form name</p>						
N103	66	Identification Code Qualifier	X	ID	1/2	Used
<p>Description: Code designating the system/method of code structure used for Identification Code (67)</p> <p>CodeList Summary (Total Codes: 223, Included: 1)</p> <p>Code Name</p> <p>92 Assigned by Buyer or Buyer's Agent</p>						
N104	67	Identification Code	X	AN	2/80	Used
<p>Description: Code identifying a party or other code</p>						

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.

User Note 1:

Ship to Store/DC::

- 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, Multi Store:

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

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- 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 locations, this order is a "special order" that needs to be delivered to the address indicated

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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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				

PO1 Baseline Item Data

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: PO1	Elements: 7

User Option (Usage): Must use

Purpose: To specify basic and most frequently used line item data

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>
PO102	330	Quantity Ordered	M	R	1/15	Must use
		Description: Quantity ordered				
PO103	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				
		User Note 1: <i>MCX will only be sending the Unit of Measure of EA. Please contact your buyer to coordinate updates</i>				
		CodeList Summary (Total Codes: 803, Included: 1)				
		Code Name				
		EA Each				
PO104	212	Unit Price	M	R	1/17	Must use
		Description: Price per unit of product, service, commodity, etc.				
		User Note 1: <i>Suppliers are encouraged to validate the item price from the Purchase order. Any discrepancies must be communicated to your buyer so changes can be made if needed and updated orders resent</i>				
PO106	235	Product/Service ID Qualifier	M	ID	2/2	Must use
		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				
PO107	234	Product/Service ID	M	AN	1/48	Must use
		Description: Identifying number for a product or service				
PO108	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)				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CodeList Summary (Total Codes: 505, Included: 2)						
Code Name						
EN EAN/UCC - 13						
UP UCC - 12						
PO109	234	Product/Service ID	X	AN	1/48	Used
Description: Identifying number for a product or service						

Syntax Rules:

1. C0302 - If PO103 is present, then PO102 is required.
2. P0607 - If either PO106 or PO107 is present, then the other is required.
3. P0809 - If either PO108 or PO109 is present, then the other is required.
4. P1011 - If either PO110 or PO111 is present, then the other is required.

CTP Pricing Information

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

User Option (Usage): Used

Purpose: 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	Price Identifier Code	M	ID	3/3	Must use				
<p>Description: Code identifying pricing specification</p> <p>CodeList Summary (Total Codes: 167, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>RTL</td> <td>Retail</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	RTL	Retail
<u>Code</u>	<u>Name</u>									
RTL	Retail									
CTP03	212	Unit Price	M	R	1/17	Must use				
<p>Description: Price per unit of product, service, commodity, etc.</p>										

PID Product/Item Description

Pos: 0500	Max: 1
Detail - Optional	
Loop: PID	Elements: 3

User Option (Usage): Used

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

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>										
PID01	349	Item Description Type	M	ID	1/1	Must use										
		<p>Description: Code indicating the format of a description</p> <p>CodeList Summary (Total Codes: 3, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>F</td> <td>Free-form</td> </tr> </tbody> </table>					<u>Code</u>	<u>Name</u>	F	Free-form						
<u>Code</u>	<u>Name</u>															
F	Free-form															
PID02	750	Product/Process Characteristic Code	M	ID	2/3	Must use										
		<p>Description: Code identifying the general class of a product or process characteristic</p> <p>CodeList Summary (Total Codes: 235, Included: 4)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>08</td> <td>Product</td> </tr> <tr> <td>73</td> <td>Vendor color description</td> </tr> <tr> <td>74</td> <td>Vendor size description</td> </tr> <tr> <td>75</td> <td>Buyer's Color Description</td> </tr> </tbody> </table>					<u>Code</u>	<u>Name</u>	08	Product	73	Vendor color description	74	Vendor size description	75	Buyer's Color Description
<u>Code</u>	<u>Name</u>															
08	Product															
73	Vendor color description															
74	Vendor size description															
75	Buyer's Color Description															
PID05	352	Description	M	AN	1/80	Must use										
		<p>Description: A free-form description to clarify the related data elements and their content</p>														

PO4 Item Physical Details

Pos: 0900	Max: 1
Detail - Optional	
Loop: PO1	Elements: 3

User Option (Usage): Used

Purpose: To specify the physical qualities, packaging, weights, and dimensions relating to the 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>
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				
PO402	357	Size	X	R	1/8	Used
		Description: Size of supplier units in pack				
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)

<u>Code</u>	<u>Name</u>
EA	Each

Syntax Rules:

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

SDQ Destination Quantity

Pos: 1900	Max: 500
Detail - Optional	
Loop: PO1	Elements: 23

User Option (Usage): Used

Purpose: To specify destination and quantity detail

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>				
SDQ01	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use				
<p>Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken</p> <p>CodeList Summary (Total Codes: 803, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>EA</td> <td>Each</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	EA	Each
<u>Code</u>	<u>Name</u>									
EA	Each									
SDQ02	66	Identification Code Qualifier	O	ID	1/2	Used				
<p>Description: Code designating the system/method of code structure used for Identification Code (67)</p> <p>CodeList Summary (Total Codes: 223, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>92</td> <td>Assigned by Buyer or Buyer's Agent</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	92	Assigned by Buyer or Buyer's Agent
<u>Code</u>	<u>Name</u>									
92	Assigned by Buyer or Buyer's Agent									
SDQ03	67	Identification Code	M	AN	2/80	Must use				
<p>Description: Code identifying a party or other code</p> <p>User Note 1: <i>Store Number</i></p>										
SDQ04	380	Quantity	M	R	1/15	Must use				
<p>Description: Numeric value of quantity</p>										
SDQ05	67	Identification Code	X	AN	2/80	Used				
<p>Description: Code identifying a party or other code</p> <p>User Note 1: <i>Store Number</i></p>										
SDQ06	380	Quantity	X	R	1/15	Used				
<p>Description: Numeric value of quantity</p>										
SDQ07	67	Identification Code	X	AN	2/80	Used				
<p>Description: Code identifying a party or other code</p> <p>User Note 1: <i>Store Number</i></p>										
SDQ08	380	Quantity	X	R	1/15	Used				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: Numeric value of quantity				
SDQ09	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
		User Note 1: <i>Store Number</i>				
SDQ10	380	Quantity	X	R	1/15	Used
		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: <i>Store Number</i>				
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: <i>Store Number</i>				
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: <i>Store Number</i>				
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: <i>Store Number</i>				
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: <i>Store Number</i>				
SDQ20	380	Quantity	X	R	1/15	Used
		Description: Numeric value of quantity				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SDQ21	67	Identification Code Description: Code identifying a party or other code User Note 1: <i>Store Number</i>	X	AN	2/80	Used
SDQ22	380	Quantity Description: Numeric value of quantity	X	R	1/15	Used
SDQ23	310	Location Identifier Description: Code which identifies a specific location User Note 1: <i>Store Number</i>	O	AN	1/30	Used

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.
3. SDQ23 may be used to identify areas within a store, e.g., front room, back room, selling outpost, end aisle display, etc. The value is agreed to by trading partners or industry conventions.

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.*

CTT Transaction Totals

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

User Option (Usage): Must use

Purpose: 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

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:

<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	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				
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.