CVS/Caremark

Implementation Guide

860 – Import Purchase Order Change request

Version X12-4010

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860

Purchase Order Change Request - Buyer Initiated

Functional Group=PC

Purpose: This Draft Standard for Trial Use 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.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
010	ST	Transaction Set Header	M	1			Must use
020	BCH	Beginning Segment for Purchase Order Change	M	1			Must use
050	REF	Reference Identification	O	>1			Must use
060	PER	Administrative Communications Contact	O	3			Must use
150	DTM	Date/Time Reference	O	10			Must use
LOOP ID - N1					**200**		
300	N1	Name	O	1			Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - POC					**>1**		
010	POC	Line Item Change	O	1			Must use
020	CUR	Currency	O	1			Must use
LOOP ID - PID					**1000**		
050	PID	Product/Item Description	O	1			Must use
090	PO4	Item Physical Details	O	>1			Must use
100	REF	Reference Identification	O	>1			Must use
230	TD1	Carrier Details (Quantity and Weight)	O	1			Must use

Summary:

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

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control 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.

ISA   Interchange Control Header

Pos:	**Max: 1**
Not Defined - Mandatory	
Loop: N/A	**Elements: 16**

User Option (Usage): Must use
Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier**	M	ID	2/2	Must use

Description: Code to identify the type of information in the Authorization Information

CodeList Summary (Total Codes: 7, Included: 1)

Code	Name
00	No Authorization Information Present (No Meaningful Information in I02)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA02	I02	**Authorization Information**	M	AN	10/10	Must use

Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)

ISA03	I03	**Security Information Qualifier**	M	ID	2/2	Must use

Description: Code to identify the type of information in the Security Information

CodeList Summary (Total Codes: 2, Included: 1)

Code	Name
00	No Security Information Present (No Meaningful Information in I04)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA04	I04	**Security Information**	M	AN	10/10	Must use

Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)

ISA05	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use

Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified

CodeList Summary (Total Codes: 38, Included: 1)

Code	Name
01	Duns (Dun & Bradstreet)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA06	I06	**Interchange Sender ID**	M	AN	15/15	Must use

Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element

ISA07	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use

Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified

CodeList Summary (Total Codes: 38, Included: 1)

Code	Name
12	Phone (Telephone Companies)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA08	I07	**Interchange Receiver ID**	M	AN	15/15	

Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA09	I08	**Interchange Date**	M	DT	6/6	Must use

Description: Date of the interchange

ISA10	I09	**Interchange Time**	M	TM	4/4	Must use

Description: Time of the interchange

ISA11	I10	**Interchange Control Standards Identifier**	M	ID	1/1	Must use

Description: Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer
All valid standard codes are used. (Total Codes: 1)

ISA12	I11	**Interchange Control Version Number**	M	ID	5/5	Must use

Description: Code specifying the version number of the interchange control segments

CodeList Summary (Total Codes: 14, Included: 1)

Code	Name
00400	Standard Issued as ANSI X12.5-1997

Ref	**Id**	**Element Name**	**Req**	**Type**	**Min/Max**	**Usage**
ISA13	I12	**Interchange Control Number**	M	N0	9/9	Must use

Description: A control number assigned by the interchange sender

ISA14	I13	**Acknowledgment Requested**	M	ID	1/1	Must use

Description: Code sent by the sender to request an interchange acknowledgment (TA1)

CodeList Summary (Total Codes: 2, Included: 1)

Code	Name
0	No Acknowledgment Requested

Ref	**Id**	**Element Name**	**Req**	**Type**	**Min/Max**	**Usage**
ISA15	I14	**Usage Indicator**	M	ID	1/1	Must use

Description: Code to indicate whether data enclosed by this interchange envelope is test, production or information

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

Code	Name
P	Production Data

Ref	**Id**	**Element Name**	**Req**	**Type**	**Min/Max**	**Usage**
ISA16	I15	**Component Element Separator**	M		1/1	Must use

Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator

GS   Functional Group Header

Pos:	**Max: 1**
Not Defined - Mandatory	
Loop: N/A	**Elements: 8**

User Option (Usage): Must use
Purpose: To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code**	M	ID	2/2	Must use

Description: Code identifying a group of application related transaction sets

CodeList Summary (Total Codes: 240, Included: 1)

Code	Name
PC	Purchase Order Change Request - Buyer Initiated (860)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS02	142	**Application Sender's Code**	M	AN	2/15	Must use

Description: Code identifying party sending transmission; codes agreed to by trading partners

GS03	124	**Application Receiver's Code**	M	AN	2/15	Must use

Description: Code identifying party receiving transmission; codes agreed to by trading partners

GS04	373	**Date**	M	DT	8/8	Must use

Description: Date expressed as CCYYMMDD

GS05	337	**Time**	M	TM	4/8	Must use

Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

GS06	28	**Group Control Number**	M	N0	1/9	Must use

Description: Assigned number originated and maintained by the sender

GS07	455	**Responsible Agency Code**	M	ID	1/2	Must use

Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480

CodeList Summary (Total Codes: 2, Included: 1)

Code	Name
X	Accredited Standards Committee X12

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS08	480	**Version / Release / Industry Identifier Code**	M	AN	1/12	Must use

Description: Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed

CodeList Summary (Total Codes: 39, Included: 1)

Code	Name
004010	Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST   Transaction Set Header

<table>
<tr><td>Pos: 010</td><td>Max: 1</td></tr>
<tr><td colspan="2">Heading - Mandatory</td></tr>
<tr><td>Loop: N/A</td><td>Elements: 2</td></tr>
</table>

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: 298, 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) 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

<div style="border:1px solid black">
Pos: 020   Max: 1
Heading - Mandatory
Loop: N/A   Elements: 5
</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: 1)

Code	Name
01	Cancellation
53	Completion – Close the PO with the date sent in BCH11
SU	Status Update

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: 69, Included: 2)

Code	Name
CP	Change to Purchase Order – for Regular Purchase Order
ZZ	Mutually Defined - for Back 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

BCH06	373	**Date**	M	DT	8/8	Must use

Description: Date expressed as CCYYMMDD

BCH11	373	**Date**	O	DT	8/8	Must use

Description: Date expressed as CCYYMMDD

Semantics:

1. BCH06 is the date assigned by the purchaser to purchase order.
2. BCH09 is the seller's order number.
3. BCH10 is the date assigned by the sender to the acknowledgment.
4. BCH11 is the date of the purchase order change request.

REF   Reference Identification

Pos: 050	Max: >1
Heading - Optional	
Loop: N/A	Elements: 3

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	AN	2/3	Must use

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1503, Included: 1)

Code	Name
VR	Vendor ID Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF02	127	**Reference Identification**	X	AN	1/30	Must use

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

Vendor Number assigned by CVS

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF03	352	**Description**	X	AN	1/80	Must use

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

PO REF 1

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

PER Administrative Communications Contact

Pos: 060	**Max: 3**
Heading - Optional	
Loop: N/A	**Elements: 3**

User Option (Usage): Must use
Purpose: To identify a person or office to whom administrative communications should be directed

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER01	366	**Contact Function Code**	M	ID	2/2	Must use

> **Description:** Code identifying the major duty or responsibility of the person or group named
>
> **CodeList Summary** (Total Codes: 230, Included: 1)
>
> | Code | Name |
> |---|---|
> | BD | Buyer Name or Department |

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER02	93	**Name**	O	AN	1/60	Must use

> **Description:** Free-form name

Buyer Code

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER09	443	**Contact Inquiry Reference**	O	AN	1/20	Must use

> **Description:** Additional reference number or description to clarify a contact number

Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.
3. P0708 - If either PER07 or PER08 is present, then the other is required.

DTM Date/Time Reference

User Option (Usage): Must use
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: 1112, Included: 8)

Code	Name
010	Requested Ship – **Factory Delivery(FDD) if FDD is not = zeros** **'11111111' if FDD is = zeros**
002	Delivery Requested – **Merchandise Delivery(MDD) if MDD is not = zeros** **'11111111' if MDD is = zeros**
037	Ship Not Before - **ESD if ESD is not = zeros** **'11111111' if MDD is = zeros**
038	Ship No Later – **LSD if LSD is not = zeros** **'11111111' if LSD is = zeros**
063	Do Not Deliver After – **EED if EED is not = zeros** **'11111111' if EED is = zeros**
064	Do Not Deliver Before – **LED if LED is not = zeros** **'11111111' if LED is = zeros**
069	Promised for Delivery – **Old Merchandise Delivery(Old MDD)** Will be sent only if Old MDD date is not = to zero
110	Originally Scheduled Ship – **Old Factory Delivery(Old FDD)** Will be sent only if Old FDD date is not = zero

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

Description: Date expressed as CCYYMMDD

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

Loop Name

Pos: 300	Repeat: 200
Optional	
Loop: N1	Elements: N/A

User Option (Usage): Must use
Purpose: To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
300	N1	Name	O	1		Must use

N1   **Name**

Pos: 300	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Must use
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: 1312, Included: 3)

Code	Name
ST	**Ship To**
OT	**Origin Terminal**
TR	**Terminal – Old Terminal - will be sent only if FOB Port has changed**

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

    Description: Free-form name

    CVS

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

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

    CodeList Summary (Total Codes: 215, Included: 1)

Code	Name
54	Warehouse

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

    Description: Code identifying a party or other code

    FOB Receipt Point
    'BBB' if FOB Receipt Point is = Blanks

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.
2. N105 and N106 further define the type of entity in N101.

Loop Line Item Change

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

User Option (Usage): Must use
Purpose: To specify changes to a line item

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
010	POC	Line Item Change	O	1		Must use
020	CUR	Currency	O	1		Must use
050		Loop PID	O		1000	Must use
090	PO4	Item Physical Details	O	>1		Must use
100	REF	Reference Identification	O	>1		Must use
230	TD1	Carrier Details (Quantity and Weight)	O	1		Must use

POC   Line Item Change

<table>
<tr><td>Pos: 010</td><td>Max: 1</td></tr>
<tr><td colspan="2" align="center">Detail - Optional</td></tr>
<tr><td>Loop:
POC</td><td>Elements: 15</td></tr>
</table>

User Option (Usage): Must use
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: 29, Included: 2)

Code	Name
AI	Add Additional Item(s)
DI	Delete Item(s)
CA	Changes To Line Items
NC	Concurrent Item (No Change)
CF	Cancel Previously Transmitted Purchase Order

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC03	330	**Quantity Ordered**	O	R	1/15	Must use

Description: Quantity ordered

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

Description: Quantity left to receive as qualified by the unit of measure
Required field – ignore, will always be zero

POC05	C001	**Composite Unit of Measure**	X	Comp		Must use

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

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: 794, Included: 1)

Code	Name
CA	Case

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC06	212	**Unit Price**	X	R	1/17	Must use

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

POC08	235	**Product/Service ID Qualifier**	X	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: 477, Included: 1)

Code	Name
PI	Purchaser's Item Code

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

Description: Identifying number for a product or service
CVS Item Number

POC10	235	**Product/Service ID Qualifier**	X	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: 477, Included: 1)

Code	Name
UI	U.P.C. Consumer Package Code (1-5-5)

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

Description: Identifying number for a product or service

Item UPC Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC14	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: 477, Included: 1)

Code	Name
PQ	Product ID Attribute Code

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC15	234	**Product/Service ID**	X	AN	1/48	Used

Description: Identifying number for a product or service

01QTY and Regular Quantity (X07)
(01QTY0000099)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC16	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: 477, Included: 1)

Code	Name
PQ	Product ID Attribute Code

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC17	234	**Product/Service ID**	X	AN	Jan-48	Must use

Description: Identifying number for a product or service

DLQTY and Deal Quantity (X7)
(DLQTY0000099)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC18	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: 477, Included: 1)

Code	Name
PQ	Product ID Attribute Code

			Req	Type	Min/Max	Usage
POC19	234	**Product/Service ID**	X	AN	Jan-48	Must use

Description: Identifying number for a product or service

Promo Event code (X5)QTY and Promo Quantity #(X7)
(00099QTY0000099)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC20	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: 477, Included: 1)

Code	Name
PQ	Product ID Attribute Code

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC21	234	**Product/Service ID**	X	AN	1/48	Used

Description: Identifying number for a product or service

Seasonal event code (X2)QTY and Seasonal quantity #(X7) (XXQTY0000099)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC22	235	**Product/Service ID Qualifier**	X	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: 477, Included: 1)

Code	Name
EE	Premium Use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC23	234	**Product/Service ID**	X	AN	1/48	Must use

Description: Identifying number for a product or service

Primary Event Code for Line Item

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC24	235	**Product/Service ID Qualifier**	X	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: 477, Included: 1)

Code	Name
ZZ	Mutually Defined

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC25	234	**Product/Service ID**	X	AN	1/48	Used

Description: Identifying number for a product or service

"M" **

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.
6. P1415 - If either POC14 or POC15 is present, then the other is required.
7. P1617 - If either POC16 or POC17 is present, then the other is required.
8. P1819 - If either POC18 or POC19 is present, then the other is required.
9. P2021 - If either POC20 or POC21 is present, then the other is required.
10. P2223 - If either POC22 or POC23 is present, then the other is required.

11. P2425 - If either POC24 or POC25 is present, then the other is required.
12. P2627 - If either POC26 or POC27 is present, then the other is required.

Semantics:

1. POC01 is the purchase order line item identification.

CUR Currency

Pos: 020   **Max: 1**
Detail - Optional
Loop:
POC   **Elements: 2**

User Option (Usage): Must use
Purpose: To specify the currency (dollars, pounds, francs, etc.) used in a transaction

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CUR01	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: 1312, Included: 1)

Code	Name
ZZ	Mutually Defined

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CUR02	100	**Currency Code**	M	ID	3/3	Must use

Description: Code (Standard ISO) for country in whose currency the charges are specified 'USD'

Syntax Rules:

1. C0807 - If CUR08 is present, then CUR07 is required.
2. C0907 - If CUR09 is present, then CUR07 is required.
3. L101112 - If CUR10 is present, then at least one of CUR11 or CUR12 is required.
4. C1110 - If CUR11 is present, then CUR10 is required.
5. C1210 - If CUR12 is present, then CUR10 is required.
6. L131415 - If CUR13 is present, then at least one of CUR14 or CUR15 is required.
7. C1413 - If CUR14 is present, then CUR13 is required.
8. C1513 - If CUR15 is present, then CUR13 is required.
9. L161718 - If CUR16 is present, then at least one of CUR17 or CUR18 is required.
10. C1716 - If CUR17 is present, then CUR16 is required.
11. C1816 - If CUR18 is present, then CUR16 is required.
12. L192021 - If CUR19 is present, then at least one of CUR20 or CUR21 is required.
13. C2019 - If CUR20 is present, then CUR19 is required.
14. C2119 - If CUR21 is present, then CUR19 is required.

Comments:

1. See Figures Appendix for examples detailing the use of the CUR segment.

Loop Product/Item Description

Pos: 050	Repeat: 1000
	Optional
Loop: PID	Elements: N/A

User Option (Usage): Must use
Purpose: To describe a product or process in coded or free-form format

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
050	PID	Product/Item Description	O	1		Must use

PID   Product/Item Description

User Option (Usage): Must use
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
PID05	352	**Description**	X	AN	1/80	Must use

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

Syntax Rules:

1. C0403 - If PID04 is present, then PID03 is required.
2. R0405 - At least one of PID04 or PID05 is required.
3. C0703 - If PID07 is present, then PID03 is required.
4. C0804 - If PID08 is present, then PID04 is required.
5. C0905 - If PID09 is present, then PID05 is required.

Semantics:

1. Use PID03 to indicate the organization that publishes the code list being referred to.
2. PID04 should be used for industry-specific product description codes.
3. PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
4. PID09 is used to identify the language being used in PID05.

Comments:

1. If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
2. Use PID06 when necessary to refer to the product surface or layer being described in the segment.
3. PID07 specifies the individual code list of the agency specified in PID03.

PO4 Item Physical Details

User Option (Usage): Must use
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	Must use

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

Syntax Rules:

1. P0203 - If either PO402 or PO403 is present, then the other is required.
2. C0506 - If PO405 is present, then PO406 is required.
3. P0607 - If either PO406 or PO407 is present, then the other is required.
4. P0809 - If either PO408 or PO409 is present, then the other is required.
5. C1013 - If PO410 is present, then PO413 is required.
6. C1113 - If PO411 is present, then PO413 is required.
7. C1213 - If PO412 is present, then PO413 is required.
8. L13101112 - If PO413 is present, then at least one of PO410, PO411 or PO412 is required.
9. C1716 - If PO417 is present, then PO416 is required.
10. C1804 - If PO418 is present, then PO404 is required.

Semantics:

1. PO415 is used to indicate the relative layer of this package or range of packages within the layers of packaging. Relative Position 1 (value R1) is the innermost package.
2. PO416 is the package identifier or the beginning package identifier in a range of identifiers.
3. PO417 is the ending package identifier in a range of identifiers.
4. PO418 is the number of packages in this layer.

Comments:

1. PO403 - The "Unit or Basis for Measure Code" in this segment position is for purposes of defining the pack (PO401) /size (PO402) measure which indicates the quantity in the inner pack unit. For example: If the carton contains 24 12-Ounce packages, it would be described as follows: Data element 356 = "24"; Data element 357 = "12"; Data element 355 = "OZ".
2. PO413 defines the unit of measure for PO410, PO411, and PO412.

REF   Reference Identification

Pos: 100	Max: >1
Detail - Optional	
Loop: POC	Elements: 3

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: 1503, Included: 3)

Code	Name
KK	Delivery Reference
TS	Tariff Number
ZZ	Mutually Defined

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF02	127	**Reference Identification**	X	AN	1/30	Must use

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

REF03	352	**Description**	X	AN	1/80	Used

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

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

TD1 Carrier Details (Quantity and Weight)

Pos: 230	**Max: 1**
Detail - Optional	
Loop: POC	**Elements: 5**

User Option (Usage): Must use
Purpose: To specify the transportation details relative to commodity, weight, and quantity

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD106	187	**Weight Qualifier**	O	ID	1/2	Must use

> **Description:** Code defining the type of weight
>
> **CodeList Summary** (Total Codes: 51, Included: 1)
>
> | Code | Name |
> |---|---|
> | U | Weight Per Unit |

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD107	81	**Weight**	X	R	1/10	Must use

> **Description:** Numeric value of weight

TD108	355	**Unit or Basis for Measurement Code**	X	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: 794, Included: 1)
>
> | Code | Name |
> |---|---|
> | CA | Case |

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD109	183	**Volume**	X	R	1/8	Must use

> **Description:** Value of volumetric measure

TD110	355	**Unit or Basis for Measurement Code**	X	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: 794, Included: 1)
>
> | Code | Name |
> |---|---|
> | CA | Case |

Syntax Rules:

1. C0102 - If TD101 is present, then TD102 is required.
2. C0304 - If TD103 is present, then TD104 is required.
3. C0607 - If TD106 is present, then TD107 is required.
4. P0708 - If either TD107 or TD108 is present, then the other is required.
5. P0910 - If either TD109 or TD110 is present, then the other is required.

Loop Transaction Totals

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

User Option (Usage): Must use
Purpose: To transmit a hash total for a specific element in the transaction set

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
010	CTT	Transaction Totals	O	1		Must use

CTT Transaction Totals

Pos: 010	Max: 1
Summary - Optional	
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:

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

Syntax Rules:

1. P0304 - If either CTT03 or CTT04 is present, then the other is required.
2. P0506 - If either CTT05 or CTT06 is present, then the other is required.

Comments:

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

SE   Transaction Set Trailer

<table>
<tr><td>Pos: 030</td><td>Max: 1</td></tr>
<tr><td colspan="2">Summary - Mandatory</td></tr>
<tr><td>Loop: N/A</td><td>Elements: 2</td></tr>
</table>

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.

GE   Functional Group Trailer

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

Pos: Max: 1
Not Defined - Mandatory
Loop: N/A   **Elements: 2**

</div>

User Option (Usage): Must use
Purpose: To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included**	M	N0	1/6	Must use

     Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE02	28	**Group Control Number**	M	N0	1/9	Must use

     Description: Assigned number originated and maintained by the sender

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA   Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	**Elements: 2**

User Option (Usage): Must use
Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups**	M	N0	1/5	Must use

Description: A count of the number of functional groups included in an interchange

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA02	I12	**Interchange Control Number**	M	N0	9/9	Must use

Description: A control number assigned by the interchange sender

860 – PO Change Examples:

```
ISA*00*          *00*          *ZZ*CVS          *01*Supplier ID
*090814*0402*U*00400*000002373*0*P*^~
GS*PC*CVS*Supplier ID  *20090814*0402*477*X*004010~
ST*860*19999~
BCH*SU*CP*1518747***20090609*****20090619~
REF*VR*19999*PO REF 1~
PER*BD*2*******2~
DTM*110*20090717~
DTM*010*20090628~
DTM*069*20090718~
DTM*002*20090812~
DTM*037*20090625~
DTM*038*20090701~
DTM*064*20090812~
DTM*063*20090812~
N1*ST*CVS*54*D101~
N1*TR**54*SZX~
N1*OT**54*SHA~
POC**NC*28*0*CA*12**PI*327072*UI*05042820557*********PQ*IOQTY0000028*EE*IO~
CUR*ZZ*USD~
PID*F****CAL 8X11 PORT TANG~
PO4*100~
REF*KK*Y~
REF*ZZ*01*LINE REF 2~
REF*ZZ*GDSM*ORDER GDSM~
REF*TS*482030004*LINE REF 3~
TD1******U*5.448*CA*.0225*CA~
CTT*1~
```

```
ISA*00*          *00*          *ZZ*CVS          *01*Supplier ID
*090814*0402*U*00400*000002373*0*P*^~
GS*PC*CVS*Supplier ID  *20090814*0402*477*X*004010~
ST*860*12999~
BCH*SU*CP*3124532***20090518*****20090619~
REF*VR*12999*PO REF 1~
PER*BD*L*******L~
DTM*010*20090724~
DTM*002*20090902~
DTM*037*20090721~
DTM*038*20090727~
DTM*064*20090902~
DTM*063*20090902~
N1*ST*CVS*54*M101~
N1*OT**54*SZX~
POC**CA*166*0*CA*36.72**PI*440163*UI*05042811841***PQ*01QTY0000166*******EE*
01~
CUR*ZZ*USD~
PID*F****CVS TPEAS COLD PCK~
PO4*12~
REF*KK*Y~
REF*ZZ*01*LINE REF 2~
REF*ZZ*GDSM*ORDER GDSM~
REF*TS*3824909290*LINE REF 3~
```

```
TD1******U*5.902*CA*.0262*CA~
POC**NC*42*0*CA*62.88**PI*440161*UI*05042811839***PQ*01QTY0000042*******EE*01~
CUR*ZZ*USD~
PID*F****CVS TPEAS KNEE~
PO4*24~
REF*KK*Y~
REF*ZZ*01*LINE REF 2~
REF*ZZ*GDSM*ORDER GDSM~
REF*TS*3824909290*LINE REF 3~
TD1******U*4.54*CA*.0415*CA~
POC**NC*83*0*CA*49.2**PI*440162*UI*05042811840***PQ*01QTY0000083*******EE*01~
CUR*ZZ*USD~
PID*F****CVS TPEAS COLD PCK~
PO4*24~
REF*KK*Y~
REF*ZZ*01*LINE REF 2~
REF*ZZ*GDSM*ORDER GDSM~
REF*TS*3824909290*LINE REF 3~
TD1******U*3.405*CA*.0283*CA~
POC**NC*50*0*CA*54.36**PI*440168*UI*05042811844***PQ*01QTY0000050*******EE*01~
CUR*ZZ*USD~
PID*F****CVS TPEAS NCK/SHLD~
PO4*12~
REF*KK*Y~
REF*ZZ*01*LINE REF 2~
REF*ZZ*GDSM*ORDER GDSM~
REF*TS*3824909290*LINE REF 3~
TD1******U*5.675*CA*.0646*CA~
POC**NC*50*0*CA*89.88**PI*440169*UI*05042811845***PQ*01QTY0000050*******EE*01~
CUR*ZZ*USD~
PID*F****CVS TPEAS LBCK&BLT~
PO4*12~
REF*KK*Y~
REF*ZZ*01*LINE REF 2~
REF*ZZ*GDSM*ORDER GDSM~
REF*TS*3824909290*LINE REF 3~
TD1******U*8.172*CA*.0358*CA~
CTT*5~
```