832 Price/Sales Catalog

X12/V4030/832: 832 Price/Sales Catalog

Version: 1.0 Final

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832 Price/Sales Catalog

Functional Group=SC

This Standard contains the format and establishes the data contents of the Price/Sales Catalog Transaction Set (832) 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 furnishing or requesting the price of goods or services in the form of a catalog.

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	BCT	Beginning Segment for Price/Sales Catalog	M	1			Must use
0500	REF	Reference Identification	M	1			Must use
0900	CUR	Currency	C	1			Used
LOOP ID - N1					**2**		
1500	N1	Name	M	1			Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - LIN					**>1**		
0100	LIN	Item Identification	M	1			Must use
0150	G53	Maintenance Type	C	1		N2/0150	Used
0300	DTM	Date/Time Reference	C	3			Used
0600	CTB	Restrictions/Conditions	C	1			Used
0700	PID	Product/Item Description	M	4			Must use
1000	PO4	Item Physical Details	O	1			Used
1100	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	1			Used
1400	LDT	Lead Time	C	1			Used
1600	FOB	F.O.B. Related Instructions	C	1			Used
1650	TC2	Commodity	O	1			Used
1680	G55	Item Characteristics - Consumer Unit	O	1			Used
LOOP ID - CTP					**3**		
1700	CTP	Pricing Information	C	1			Used
1800	DTM	Date/Time Reference	O	2			Used
2000	CUR	Currency	O	1			Used

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	CTT	Transaction Totals	M	1		N3/0100	Must use
0200	SE	Transaction Set Trailer	M	1			Must use

Notes:

2/0150   If BCT10 is used and G5301 is used, then the G5301 takes precedence.

3/0100   Number of line items (CTT01) is the accumulation of the number of LIN segments. Hash total (CTT02) is

not used in this transaction.

Revision History:

8/3/2011 - Added mandatory use of BCT03 for Selection Code

8/22/2011 - Updated comments for Currency (CUR), Minimum Order Quantity(CTB), Order lead time (LDT), Freight Terms and Country of Origin (FOB) and Pricing (CTP) regarding requirements on new items.

ST   Transaction Set Header

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

User Option (Usage): Must use

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

Element Summary:

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

Code	Name
832	Price/Sales Catalog

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.

BCT   Beginning Segment for Price/Sales Catalog

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

User Option (Usage): Must use

To indicate the beginning of the Price/Sales Catalog Transaction Set and specify catalog purpose and number information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BCT01	683	**Catalog Purpose Code**	M	ID	2/2	Must use

Description: Code indicating purpose of catalog

Code	Name
RC	Resale Catalog
SC	Sales Catalog

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BCT02	684	**Catalog Number**	M	AN	1/15	Must use

Description: Identifying number for catalog or superseded catalog

| BCT03 | 685 | **Catalog Version Number** | M | AN | 1/15 | Must use |

Description: Identifying version number of catalog or superseded catalog
User Note 1: *SELECTION CODE*

| BCT09 | 352 | **Description** | O | AN | 1/80 | Used |

Description: A free-form description to clarify the related data elements and their content
User Note 1: *Used to indicate Brand/Division*

| BCT10 | 353 | **Transaction Set Purpose Code** | O | ID | 2/2 | Used |

Description: Code identifying purpose of transaction set

Code	Name
02	Add
03	Delete
04	Change

User Note 1:
Supplier must send item status either this segment or G53. If sent in this segment, all items within the file are assumed to have the same status as reported in BCT10.

REF   Reference Identification

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

User Option (Usage): Must use

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

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

CUR   Currency

<table>
<tr><td>Pos: 0900</td><td>Max: 1</td></tr>
<tr><td colspan="2">Heading - Conditional</td></tr>
<tr><td>Loop: N/A</td><td>Elements: 2</td></tr>
</table>

User Option (Usage): Used

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

Code	Name
SE	Selling Party

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

User Note 1:
This segment is strongly recommended for new items (BCT10 = 02 or G5301 = 003)

Loop N1

Pos: 1500	**Repeat: 2**
Mandatory	
Loop: N1	**Elements: N/A**

User Option (Usage): Must use

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

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
1500	N1	Name	M	1		Must use

N1   Name

Pos: 1500	**Max: 1**
Heading - Mandatory	
Loop: N1	**Elements: 2**

User Option (Usage): Must use

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

Code	Name
BY	Buying Party (Purchaser)
VN	Vendor

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N102	93	**Name**	M	AN	1/60	Must use

Description: Free-form name

User Note 1:
Vendor Name is mandatory

Loop LIN

Pos: 0100	**Repeat: >1**
Mandatory	
Loop: LIN	**Elements: N/A**

User Option (Usage): Must use

To specify basic item identification data

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	LIN	Item Identification	M	1		Must use
0150	G53	Maintenance Type	C	1		Used
0300	DTM	Date/Time Reference	C	3		Used
0600	CTB	Restrictions/Conditions	C	1		Used
0700	PID	Product/Item Description	M	4		Must use
1000	PO4	Item Physical Details	O	1		Used
1100	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	1		Used
1400	LDT	Lead Time	C	1		Used
1600	FOB	F.O.B. Related Instructions	O	1		Used
1650	TC2	Commodity	O	1		Used
1680	G55	Item Characteristics - Consumer Unit	O	1		Used
1700		Loop CTP	C		3	Used

LIN   Item Identification

<div style="float:right; border:1px solid black">
Pos: 0100   Max: 1
Detail - Mandatory
Loop: LIN   Elements: 11
</div>

User Option (Usage): Must use

To specify basic item identification data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN01	350	**Assigned Identification**	O	AN	1/20	Used

Description: Alphanumeric characters assigned for differentiation within a transaction set

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN02	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)

Code	Name
EN	EAN/UCC - 13
UP	UCC - 12
VA	Vendor's Style Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN03	234	**Product/Service ID**	M	AN	1/48	Must use

Description: Identifying number for a product or service

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN04	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)

Code	Name
EN	EAN/UCC - 13
UP	UCC - 12
VA	Vendor's Style Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN05	234	**Product/Service ID**	X	AN	1/48	Used

Description: Identifying number for a product or service

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN06	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)

Code	Name
CM	National Retail Federation Color Code

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN07	234	**Product/Service ID**	X	AN	1/48	Used

Description: Identifying number for a product or service

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN08	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)

Code	Name
SM	National Retail Federation Size Code

LIN09	234	**Product/Service ID**	X	AN	1/48	Used

Description: Identifying number for a product or service

LIN10	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)

Code	**Name**
UA	U.P.C./EAN Case Code (2-5-5)
UN	U.P.C. Case Code Number (1-1-5-5)

LIN11	234	**Product/Service ID**	X	AN	1/48	Used

Description: Identifying number for a product or service

Syntax Rules:

1. P0405 - If either LIN04 or LIN05   is present, then the other is required.
2. P0607 - If either LIN06 or LIN07   is present, then the other is required.
3. P0809 - If either LIN08 or LIN09   is present, then the other is required.
4. P1011 - If either LIN10 or LIN11   is present, then the other is required.

Semantics:

1. LIN01 is the line item identification

Comments:

1. See the Data Dictionary for a complete list of IDs.
2. LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

User Note 1:

Vendor Item number and the UPC number are both required

G53   Maintenance Type

Pos: 0150	**Max: 1**
Detail - Conditional	
Loop: LIN	**Elements: 1**

User Option (Usage): Used

To identify the specific type of item maintenance

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G5301	875	**Maintenance Type Code**	M	ID	3/3	Must use

Description: Code identifying the specific type of item maintenance

Code	Name
001	Change
002	Delete
003	Add Full Item Detail

User Note 1:
Supplier must send item status either this segment or BCT.

DTM Date/Time Reference

Pos: 0300	Max: 3
Detail - Conditional	
Loop: LIN	Elements: 2

User Option (Usage): Used

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

Code	Name
036	Expiration

> **User Note 1:**
> DISCONTINUE DATE

Code	Name
092	Contract Effective

> **User Note 1:**
> The First order date the item is available for ordering.

Code	Name
169	Product Availability Date

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

User Note 1:
 This segment is strongly recommended for new items (BCT10 = 02 or G5301 = 003)

CTB   Restrictions/Conditions

Pos: 0600	**Max: 1**
Detail - Conditional	
Loop: LIN	**Elements: 5**

User Option (Usage): Used

To specify restrictions/conditions (such as shipping, ordering)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTB01	688	**Restrictions/Conditions Qualifier**	M	ID	2/2	Must use

Description: Code identifying the type of restriction/condition

Code	Name
OR	Ordering

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTB03	673	**Quantity Qualifier**	M	ID	2/2	Must use

Description: Code specifying the type of quantity

Code	Name
57	Minimum Order Quantity

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTB04	380	**Quantity**	C	R	1/15	Used

Description: Numeric value of quantity

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTB05	522	**Amount Qualifier Code**	X	ID	1/3	Used

Description: Code to qualify amount

Code	Name
EA	Earnings Allowance

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTB06	610	**Amount**	C	N2	1/15	Used

Description: Monetary amount

Syntax Rules:
1. P0506 - If either CTB05 or CTB06   is present, then the other is required.

User Note 1:

This segment is strongly recommended for new items (BCT10 = 02 or G52 = 003)

When sent either Quantity or Amount (elements 4 or 6 are required. If Amount is sent, supplier is required to send the Header level CUR segment representing the currency the Amount references.

PID   Product/Item Description

Pos: 0700	Max: 4
Detail - Mandatory	
Loop: LIN	Elements: 5

User Option (Usage): Must use

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
All valid standard codes are used.

PID02	750	**Product/Process Characteristic Code**	M	ID	2/3	Must use

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

Code	Name
08	Product
73	Vendor color description
74	Vendor size description
92	Fabric Description

PID03	559	**Agency Qualifier Code**	X	ID	2/2	Used

Description: Code identifying the agency assigning the code values

Code	Name
VI	Voluntary Inter-Industry Commerce Standard (VICS) EDI

PID04	751	**Product Description Code**	X	AN	1/12	Used

Description: A code from an industry code list which provides specific data about a product characteristic
User Note 1: *RN Product cannot be reordered U.P.C. CATALOG: REORDER INDICATOR - Does not imply any information on current availability.*

RY Product can be reordered U.P.C. CATALOG: REORDER INDICATOR - Does not imply any information on current availability.

SN Seasonal product currently not available

SY Seasonal product currently available

PID05	352	**Description**	M	AN	1/80	Must use

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

Syntax Rules:

1. P0304 - If either PID03 or PID04   is present, then the other is required.
2. R0405 - At least one of PID04 or PID05 is required.

User Note 1:
Product Description (08) is mandatory

PO4 Item Physical Details

Pos: 1000	**Max: 1**
Detail - Optional	
Loop: LIN	**Elements: 12**

User Option (Usage): Used

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**	M	N0	1/6	Must use

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
All valid standard codes are used.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO406	384	**Gross Weight per Pack**	X	R	1/9	Used

Description: Numeric value of gross weight per pack

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO407	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

Code	Name
LB	Pound

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO408	385	**Gross Volume per Pack**	X	R	1/9	Used

Description: Numeric value of gross volume per pack

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO409	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

Code	Name
CF	Cubic Feet
CR	Cubic Meter

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO410	82	**Length**	X	R	1/8	Used

Description: Largest horizontal dimension of an object measured when the object is in the upright position

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO411	189	**Width**	X	R	1/8	Used

Description: Shorter measurement of the two horizontal dimensions measured with the object in the upright position

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO412	65	**Height**	X	R	1/8	Used

Description: Vertical dimension of an object measured when the object is in the upright

position

PO413	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

Code	**Name**
IN	Inch

PO414	810	**Inner Pack**	O	N0	1/6	Used

Description: The number of eaches per inner container

Syntax Rules:

1. P0203 - If either PO402 or PO403   is present, then the other is required.
2. P0607 - If either PO406 or PO407   is present, then the other is required.
3. P0809 - If either PO408 or PO409   is present, then the other is required.
4. C1013 - If PO410 is present, then PO413 is required.
5. C1113 - If PO411 is present, then PO413 is required.
6. C1213 - If PO412 is present, then PO413 is required.
7. L13101112 - If PO413 is present, then at least one of PO410, PO411 or PO412 is required.

Comments:

1. PO403 - The "Unit or Basis for Measure Code" in this segment position is for purposes of defining the unit of measure of the "Size" identified in the PO402.   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.

TD4   Carrier Details (Special Handling, or Hazardous Materials, or Both)

Pos: 1100   Max: 1
Detail - Optional
Loop: LIN   Elements: 3

User Option (Usage): Used

To specify transportation special handling requirements, or hazardous materials information, or both

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD402	208	**Hazardous Material Code Qualifier**	M	ID	1/1	Must use

Description: Code which qualifies the Hazardous Material Class Code (209)

Code	Name
D	Hazardous Materials ID, DOT

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD403	209	**Hazardous Material Class Code**	M	AN	1/4	Must use

Description: Code specifying the kind of hazard for a material

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD404	352	**Description**	X	AN	1/80	Used

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

LDT   Lead Time

<table>
<tr><td>Pos: 1400   Max: 1</td></tr>
<tr><td>Detail - Conditional</td></tr>
<tr><td>Loop: LIN   Elements: 3</td></tr>
</table>

User Option (Usage): Used

To specify lead time for availability of products and services

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LDT01	345	**Lead Time Code**	M	ID	2/2	Must use

Description: Code indicating the time range

Code	Name
AE	From date of PO receipt to shipment

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LDT02	380	**Quantity**	M	R	1/15	Must use

Description: Numeric value of quantity

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LDT03	344	**Unit of Time Period or Interval**	M	ID	2/2	Must use

Description: Code indicating the time period or interval

Code	Name
DA	Calendar Days
DW	Work Days

Comments:

1. LDT02 is the quantity of unit of time periods.

User Note 1:
This segment is strongly recommended for new items (BCT10 = 02 or G52 = 003)

FOB   F.O.B. Related Instructions

Pos: 1600	Max: 1
Detail - Conditional	
Loop: LIN	Elements: 3

User Option (Usage): Used

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

Code	Name
CC	Collect
CF	Collect, Freight Credited Back to Customer
DF	Defined by Buyer and Seller
MX	Mixed
PC	Prepaid but Charged to Customer
PO	Prepaid Only
PP	Prepaid (by Seller)
PU	Pickup
TP	Third Party Pay

Ref	Id	Element Name	Req	Type	Min/Max	Usage
FOB02	309	**Location Qualifier**	M	ID	1/2	Must use

Description: Code identifying type of location

Code	Name
CA	Country of Origin
DE	Destination (Shipping)
OR	Origin (Shipping Point)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
FOB03	352	**Description**	M	AN	1/80	Must use

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

Semantics:

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

User Note 1:
This segment is strongly recommended for new items (BCT10 = 02 or G52 = 003)

TC2   Commodity

<table>
<tr><td>Pos: 1650</td><td>Max: 1</td></tr>
<tr><td colspan="2">Detail - Optional</td></tr>
<tr><td>Loop: LIN</td><td>Elements: 2</td></tr>
</table>

User Option (Usage): Used

To identify a commodity or a group of commodities or a tariff page commodity

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TC201	23	**Commodity Code Qualifier**	M	ID	1/1	Must use

Description: Code identifying the commodity coding system used for Commodity Code

Code	Name
J	Harmonized System-Based Schedule B

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TC202	22	**Commodity Code**	M	AN	1/30	Must use

Description: Code describing a commodity or group of commodities

G55 Item Characteristics - Consumer Unit

Pos: 1680	**Max: 1**
Detail - Optional	
Loop: LIN	**Elements: 13**

User Option (Usage): Used

To provide physical characteristics relative to a consumer unit

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G5501	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)

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G5502	234	**Product/Service ID**	M	AN	1/48	Must use

Description: Identifying number for a product or service

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G5505	65	**Height**	X	R	1/8	Used

Description: Vertical dimension of an object measured when the object is in the upright position

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G5506	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

Code	Name
IN	Inch

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G5507	189	**Width**	X	R	1/8	Used

Description: Shorter measurement of the two horizontal dimensions measured with the object in the upright position

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G5508	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

Code	Name
IN	Inch

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G5509	82	**Length**	X	R	1/8	Used

Description: Largest horizontal dimension of an object measured when the object is in the upright position

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G5510	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

Code	Name
IN	Inch

| G5511 | 183 | **Volume** | X | R | 1/8 | Used |

Description: Value of volumetric measure

| G5512 | 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

Code	**Name**
CF	Cubic Feet
CR	Cubic Meter

| G5523 | 395 | **Unit Weight** | X | R | 1/8 | Used |

Description: Numeric value of weight per unit

| G5524 | 187 | **Weight Qualifier** | X | ID | 1/2 | Used |

Description: Code defining the type of weight

Code	**Name**
G	Gross Weight

| G5525 | 188 | **Weight Unit Code** | X | ID | 1/1 | Used |

Description: Code specifying the weight unit

Code	**Name**
K	Kilograms
L	Pounds

Syntax Rules:
1. P0506 - If either G5505 or G5506   is present, then the other is required.
2. P0708 - If either G5507 or G5508   is present, then the other is required.
3. P0910 - If either G5509 or G5510   is present, then the other is required.
4. P1112 - If either G5511 or G5512   is present, then the other is required.
5. P232425 - If either G5523, G5524 or G5525   are present, then the others are required.

Loop CTP

Pos: 1700	**Repeat: 3**
Conditional	
Loop: CTP	**Elements: N/A**

User Option (Usage): Used

To specify pricing information

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
1700	CTP	Pricing Information	C	1		Used
1800	DTM	Date/Time Reference	O	2		Used
2000	CUR	Currency	O	1		Used

CTP   Pricing Information

Pos: 1700   Max: 1
Detail - Conditional
Loop: CTP   Elements: 4

User Option (Usage): Used

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

Code	Name
DPR	Discount Price
LPR	List Price
MSR	Manufacturer's Suggested Retail
UCP	Unit cost price

User Note 1:
 Standard wholesale cost of an item.

CTP03	212	**Unit Price**	M	R	1/17	Must use

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

CTP04	380	**Quantity**	X	R	1/15	Used

Description: Numeric value of quantity

CTP05	C001	**Composite Unit of Measure**	X	Comp		Used

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

	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

Code	Name
EA	Each

Syntax Rules:
1. P0405 - If either CTP04 or CTP05   is present, then the other is required.

Comments:
1. See Figures Appendix for an example detailing the use of CTP03 and CTP04.

User Note 1:
Manufacturer's Suggested Retail and either Discount Price (DPR), Unit Cost (UCP) or List Price (LPR) are strongly recommended for New items

DTM   Date/Time Reference

<table>
<tr><td>Pos: 1800</td><td>Max: 2</td></tr>
<tr><td colspan="2" align="center">Detail - Optional</td></tr>
<tr><td>Loop: CTP</td><td>Elements: 2</td></tr>
</table>

User Option (Usage): Used

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

Code	Name
196	Start
197	End

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

CUR   Currency

<table>
<tr><td>Pos: 2000</td><td>Max: 1</td></tr>
<tr><td colspan="2" align="center">Detail - Optional</td></tr>
<tr><td>Loop: CTP</td><td>Elements: 2</td></tr>
</table>

User Option (Usage): Used

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

Code	Name
SE	Selling Party

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

CTT   Transaction Totals

| Pos: 0100   Max: 1 |
| Summary - Mandatory |
| Loop: N/A   Elements: 1 |

User Option (Usage): Must use

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: 0200	**Max: 1**
Summary - Mandatory	
Loop: N/A	**Elements: 2**

User Option (Usage): Must use

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

Element Summary:

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.