832 Price/Sales Catalog

Functional Group ID=SC

Introduction:

This Draft Standard for Trial Use 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.

CHANGE HISTORY:

6/6/06
-LIN03 will now represent the Style Number (without Color and Size).
-LIN12/13 will no longer be used.

9/24/2007
-BCT10: removed 03-delete option since Joe's does not use it.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	010	ST	Transaction Set Header	M	1		
M	020	BCT	Beginning Segment for Price/Sales Catalog	M	1		
M	050	REF	Reference Identification	M	4		
	070	DTM	Date/Time Reference	O	10		
			LOOP ID - N1			1	
M	150	N1	Name	M	1		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - LIN			10000	
M	010	LIN	Item Identification	M	1		
	030	DTM	Date/Time Reference	O	3		
M	060	CTB	Restrictions/Conditions	M	3		
M	070	PID	Product/Item Description	M	4		
	090	PKG	Marking, Packaging, Loading	C	25		
M	100	PO4	Item Physical Details	M	1		
	110	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	1		

	140	LDT	Lead Time	O	1	
	160	FOB	F.O.B. Related Instructions	O	1	
M	168	G55	Item Characteristics - Consumer Unit	M	1	
			LOOP ID - CTP			3
M	170	CTP	Pricing Information	M	1	
	180	DTM	Date/Time Reference	O	2	
	200	CUR	Currency	O	1	
			LOOP ID - N1			>1
	230	N1	Name	O	1	
	260	N4	Geographic Location	O	1	

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
	010	CTT	Transaction Totals	O	1		n1
M	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. Number of line items (CTT01) is the accumulation of the number of LIN segments. Hash total (CTT02) is not used in this transaction.

Segment:	**ST** Transaction Set Header			
Position:	010			
Loop:				
Level:	Heading			
Usage:	Mandatory			
Max Use:	1			
Purpose:	To indicate the start of a transaction set and to assign a control number			
Syntax Notes:				
Comments:				

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	ST01	143	**Transaction Set Identifier Code**	M ID 3/3
			Code uniquely identifying a Transaction Set	
			832 Price/Sales Catalog	
M	ST02	329	**Transaction Set Control Number**	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			The number is sequentially assigned by the sender, starting with one within each functional group. For each functional group, the first transaction set control number will be 0001 and incremented by one for each additional transaction set within the group.	

Segment: **BCT** Beginning Segment for Price/Sales Catalog

Position:	020
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the beginning of the Price/Sales Catalog Transaction Set and specify catalog purpose and number information
Syntax Notes:	
Comments:	
Notes:	BCT10 is used only to clarify, to the receiver, the sender's purpose of the transaction set. Code 13 is used to request catalog information from the owner of the catalog or the authorized agent, e.g., a third party catalog service. Code 11 is used only when the transaction set is a reply to a specific request transaction. If the sender has a standing request from the receiver for specific data when a specific event takes place, e.g., women's tops, new products, every two weeks, this is NOT considered a response. The recipient will only receive a response (BCT10 contains code 11) if the recipient had previously sent a request (BCT10 contains code 13). Codes 02, 03, 04, and 05 are to be used to update catalog information kept by the user of the catalog data, e.g., a retailer or the vendor's agent.

If BCT10 contains code 00, a mix of adds, changes and deletes is assumed. The G53 segment, in the detail area, specifies the action to be taken.

Data may be requested or access may be granted to the entire catalog or a portion of it without regard to any specific SKU(s). When requesting or granting catalog access for the entire catalog, BCT03 is not used. BCT10 will contain code 13 for requests or code 02 or 03 for access control and the detail area (LIN loop) is not used. The same procedure is used to request data or grant access to a portion of the catalog by adding BCT03 with the appropriate selection code for the portion of the catalog needed.

Caution must be exercised when deleting a U.P.C. from the catalog. Due to ordering and shipping cycle times, a U.P.C. should reside on the catalog as discontinued at least one year after the last of the product has been shipped. Deleting the U.P.C. from the catalog does not alter the minimum retention period (30 months for apparel and 48 months for all other items) as defined in the U.P.C. Data Communications Guidelines for General Merchandise and Apparel.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	BCT01	683	**Catalog Purpose Code**	M ID 2/2
			Code indicating purpose of catalog	
			RC Resale Catalog	
			U.P.C. Catalog Data, Traditional Vendor's Catalog, and Item Maintenance	
M	BCT02	684	**Catalog Number**	M AN 1/15
			Identifying number for catalog or superseded catalog	
			VENDOR ID as defined by U.P.C. Data Communications Guidelines for General Merchandise and Apparel	
			Owner of the catalog, generally the vendor	
			ITEM MAINTENANCE: Reference number	
	BCT03	685	**Catalog Version Number**	O AN 1/15
			Identifying version number of catalog or superseded catalog	
			SELECTION CODE as defined by U.P.C. Data Communications Guidelines for General Merchandise and Apparel	

			Absence of BCT03 indicates entire catalog.		
M	**BCT09**	**352**	**Description**	**M**	**AN 1/80**
			A free-form description to clarify the related data elements and their content		
			SELECTION CODE DESCRIPTION as defined by U.P.C. Data Communications Guidelines for General Merchandise and Apparel		
M	**BCT10**	**353**	**Transaction Set Purpose Code**	**M**	**ID 2/2**
			Code identifying purpose of transaction set		
			ACTION CODE as defined by U.P.C. Data Communications Guidelines for General Merchandise and Apparel		
		02	Add		
		04	Change		

Segment:		**REF** Reference Identification		
Position:		050		
Loop:				
Level:		Heading		
Usage:		Mandatory		
Max Use:		4		
Purpose:		To specify identifying information		
Syntax Notes:		**1** At least one of REF02 or REF03 is required.		
		2 If either C04003 or C04004 is present, then the other is required.		
		3 If either C04005 or C04006 is present, then the other is required.		
Comments:				
Notes:				

VENDOR # IS REQUIRED.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	REF01	128	**Reference Identification Qualifier**	M	ID 2/3
			Code qualifying the Reference Identification		
			51 Picture Number		
			IA Internal Vendor Number		
			Vendor # - required		
			PG Product Group		
			VE Vendor Abbreviation Code		
M	REF02	127	**Reference Identification**	M	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		

Segment:	**DTM** Date/Time Reference		
Position:	070		
Loop:			
Level:	Heading		
Usage:	Optional		
Max Use:	10		
Purpose:	To specify pertinent dates and times		
Syntax Notes:	1 At least one of DTM02 DTM03 or DTM05 is required.		
	2 If DTM04 is present, then DTM03 is required.		
	3 If either DTM05 or DTM06 is present, then the other is required.		
Comments:			
Notes:	The publication and expiration dates identify the exact period to which the data apply. One segment for each date. This segment will be used to specify the dates for all SKUs identified in the transaction. If a particular SKU has a different date, the DTM segment in the detail area will be used to override the date for that SKU only.		
	Codes 196 and 197 specify the applicable dates for the prices specified in this transaction, e.g., effective date or expiration date.		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	DTM01	374	**Date/Time Qualifier**	M ID 3/3
			Code specifying type of date or time, or both date and time	
			036 Expiration	
			DISCONTINUE DATE as defined by the U.P.C. Data Communications Guidelines for General Merchandise and Apparel	
			043 Publication	
			DATE OF CHANGE as defined by the U.P.C. Data Communications Guidelines for General Merchandise and Apparel	
			092 Contract Effective	
			U.P.C. CATALOG: BOOKING DATE - The date the item is available for ordering. ITEM MAINTENANCE: First order date	
			169 Product Availability Date	
>>	DTM02	373	**Date**	X DT 8/8
			Date expressed as CCYYMMDD	

Segment:		**N1** Name		

Position: 150
Loop: N1   Mandatory
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1   At least one of N102 or N103 is required.
            2   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.
Notes: This segment is used to identify the vendor's country of origin for the items and the shipping point(s) for the items. One segment (loop) for each point.

VENDOR NAME IS REQUIRED.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	N101	98	**Entity Identifier Code**	M ID 2/3

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

CT		Country of Origin

U.P.C. CATALOG: COUNTRY OF ORIGIN - The country where the product is manufactured. N104 will contain the country code.

MF		Manufacturer of Goods
VN		Vendor

required

	Ref. Des.	Data Element	Name	Attributes
M	N102	93	**Name**	M AN 1/60

Free-form name

Vendor Name

Segment:		**LIN** Item Identification			

Segment: **LIN** Item Identification

Position:	010
Loop:	LIN Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To specify basic item identification data
Syntax Notes:	**1** If either LIN04 or LIN05 is present, then the other is required.
	2 If either LIN06 or LIN07 is present, then the other is required.
	3 If either LIN08 or LIN09 is present, then the other is required.
	4 If either LIN10 or LIN11 is present, then the other is required.
	5 If either LIN12 or LIN13 is present, then the other is required.
	6 If either LIN14 or LIN15 is present, then the other is required.
	7 If either LIN16 or LIN17 is present, then the other is required.
	8 If either LIN18 or LIN19 is present, then the other is required.
	9 If either LIN20 or LIN21 is present, then the other is required.
	10 If either LIN22 or LIN23 is present, then the other is required.
	11 If either LIN24 or LIN25 is present, then the other is required.
	12 If either LIN26 or LIN27 is present, then the other is required.
	13 If either LIN28 or LIN29 is present, then the other is required.
	14 If either LIN30 or LIN31 is present, then the other is required.
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.
Notes:	ITEM MAINTENANCE LIN02 will be used to identify the ordering unit or the buyer's item number. This segment may be used in conjunction with the G39 segment to identify the vendor selling unit, e.g., U.P.C. Case Code or U.P.C./EAN Shipping Container Code (SCC-14), and the G55 segment to identify the consumer selling unit, i.e., item U.P.C.
	The codes listed for LIN02 apply to every occurrence of Data Element 235 in the LIN segment.
	See Section III for complete U.P.C. and EAN code definitions.
	**** PLEASE NOTE THAT THE MAX LIN LOOPS ALLOWED IS 10,000. ****

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	LIN02	235	**Product/Service ID Qualifier**	M	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			VC Vendor's (Seller's) Catalog Number		
M	LIN03	234	**Product/Service ID**	M	AN 1/48
			Identifying number for a product or service		
			Vendor Style # (without color and size)		
M	LIN04	235	**Product/Service ID Qualifier**	M	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			EN European Article Number (EAN) (2-5-5-1)		
			UP U.P.C. Consumer Package Code (1-5-5-1)		
M	LIN05	234	**Product/Service ID**	M	AN 12/12
			Identifying number for a product or service		
			UPC Code (12 characters)		
M	LIN06	235	**Product/Service ID Qualifier**	M	ID 2/2

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

    CM   National Retail Merchants Association Color Code

M	**LIN07**	**234**	**Product/Service ID**	**M**	**AN 1/48**

Identifying number for a product or service

NRF Color Code

M	**LIN08**	**235**	**Product/Service ID Qualifier**	**M**	**ID 2/2**

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

    SM   National Retail Merchants Association Size Code

M	**LIN09**	**234**	**Product/Service ID**	**M**	**AN 1/48**

Identifying number for a product or service

Size 1

	LIN10	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

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

    ZZ   Mutually Defined

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

Identifying number for a product or service

Size 2

	LIN14	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

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

    SK   Stock Keeping Unit (SKU)

	LIN15	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

GI Joe's SKU (please send if available)

	Segment:	**DTM** Date/Time Reference				

Segment: **DTM** Date/Time Reference
Position: 030
Loop: LIN   Mandatory
Level: Detail
Usage: Optional
Max Use: 3
Purpose: To specify pertinent dates and times
Syntax Notes: **1**   At least one of DTM02 DTM03 or DTM05 is required.
  2   If DTM04 is present, then DTM03 is required.
  3   If either DTM05 or DTM06 is present, then the other is required.

Comments:
Notes: This segment is used to override the corresponding date in the header area. This is only applicable to the item identified in the preceding LIN segment.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	DTM01	374	**Date/Time Qualifier**	M	ID 3/3
			Code specifying type of date or time, or both date and time		
			036	Expiration	
				DISCONTINUE DATE as defined by the U.P.C. Data Communications Guidelines for General Merchandise and Apparel	
			043	Publication	
				DATE OF CHANGE as defined by the U.P.C. Data Communications Guidelines for General Merchandise and Apparel	
			092	Contract Effective	
				U.P.C. CATALOG: BOOKING DATE - The date the item is available for ordering. ITEM MAINTENANCE: First order date	
			169	Product Availability Date	
>>	DTM02	373	**Date**	X	DT 8/8
			Date expressed as CCYYMMDD		

Segment:	**CTB** Restrictions/Conditions

Segment: **CTB** Restrictions/Conditions
Position: 060
Loop: LIN   Mandatory
Level: Detail
Usage: Mandatory
Max Use: 3
Purpose: To specify restrictions/conditions (such as shipping, ordering)
Syntax Notes: 1   At least one of CTB02 CTB04 or CTB06 is required.
              2   If either CTB03 or CTB04 is present, then the other is required.
              3   If either CTB05 or CTB06 is present, then the other is required.
Comments:
Notes: Minimum Quantity is required

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	CTB01	688	**Restrictions/Conditions Qualifier**	M ID 2/2
			Code identifying the type of restriction/condition	
			OR Ordering	
>>	CTB03	673	**Quantity Qualifier**	X ID 2/2
			Code specifying the type of quantity	
			57 Minimum Order Quantity	
			U.P.C. CATALOG: MINIMUM QUANTITY - Manufacturer imposed minimum order for item.	
			70 Maximum Order Quantity	
			V2 Available Quantity	
>>	CTB04	380	**Quantity**	X R 1/15
			Numeric value of quantity	

			Segment:	**PID** Product/Item Description

Segment: **PID** Product/Item Description

Position:	070
Loop:	LIN Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	4
Purpose:	To describe a product or process in coded or free-form format
Syntax Notes:	1 If PID04 is present, then PID03 is required.
	2 At least one of PID04 or PID05 is required.
	3 If PID07 is present, then PID03 is required.
	4 If PID08 is present, then PID04 is required.
	5 If PID09 is present, then PID05 is required.
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.
Notes:	

PRODUCT DESCRIPTION (PID02=08) is REQUIRED.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	PID01	349	**Item Description Type**	M ID 1/1

Code indicating the format of a description

F	Free-form

The description will be found in PID05.

	Ref. Des.	Data Element	Name	Attributes
M	PID02	750	**Product/Process Characteristic Code**	M ID 2/3

Code identifying the general class of a product or process characteristic

Codes 75 and 91 are used only from retailer to vendor for private label products.

08	Product

PRODUCT DESCRIPTION as defined by U.P.C. Data Communications Guidelines for General Merchandise and Apparel

73	Vendor color description

COLOR DESCRIPTION as defined by U.P.C. Data Communications Guidelines for General Merchandise and Apparel

74	Vendor size description

SIZE DESCRIPTION as defined by U.P.C. Data Communications Guidelines for General Merchandise and Apparel

92	Fabric Description

U.P.C. CATALOG: FABRIC DESCRIPTION - Fabric content or description.

	Ref. Des.	Data Element	Name	Attributes
	PID03	559	**Agency Qualifier Code**	X ID 2/2

Code identifying the agency assigning the code values

VI	Voluntary Inter-Industry Commerce Standard (VICS) EDI

	Ref. Des.	Data Element	Name	Attributes
	PID04	751	**Product Description Code**	X AN 1/2

A code from an industry code list which provides specific data about a product characteristic

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

| M | PID05 | 352 | **Description** | **M   AN 1/15** |

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

U.P.C. CATALOG: Field lengths may vary. Refer to the U.P.C. Data
Communications Guidelines for General Merchandise and Apparel for
appropriate field lengths.

| | PID09 | 819 | **Language Code** | **O   ID 2/3** |

Code designating the language used in text, from a standard code list
maintained by the International Standards Organization (ISO 639)

Segment:		**PKG** Marking, Packaging, Loading		

Position: 090
Loop: LIN   Mandatory
Level: Detail
Usage: Conditional
Max Use: 25
Purpose: To describe marking, packaging, loading, and unloading requirements
Syntax Notes:
1. At least one of PKG04 PKG05 or PKG06 is required.
2. If PKG04 is present, then PKG03 is required.
3. If PKG05 is present, then PKG01 is required.

Comments:
1. Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.
2. If PKG01 equals "F", then PKG05 is used. If PKG01 equals "S", then PKG04 is used. If PKG01 equals "X", then both PKG04 and PKG05 are used.
3. Use PKG03 to indicate the organization that publishes the code list being referred to.
4. Special marking or tagging data can be given in PKG05 (description).

Notes: *** BOTH OCCURANCES (UNITS PER PALLET / UNITS PER LAYER) ARE HIGHLY RECOMMENDED BY GI JOES, IF AVAILABLE.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
>>	PKG01	349	**Item Description Type**	X	ID 1/1
			Code indicating the format of a description		
			S Structured (From Industry Code List)		
M	PKG02	753	**Packaging Characteristic Code**	M	ID 1/5
			Code specifying the marking, packaging, loading and related characteristics being described		
			UC Unit Container		
			Units per Pallet		
			UCL Unit Container Level		
			Units per Layer on Pallet		
M	PKG05	352	**Description**	M	AN 1/80
			A free-form description to clarify the related data elements and their content		
			Units Per Layer or Units Per Pallet		

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	Segment:	**PO4** **Item Physical Details**
	Position:	100
	Loop:	LIN Mandatory
	Level:	Detail
	Usage:	Mandatory
	Max Use:	1
	Purpose:	To specify the physical qualities, packaging, weights, and dimensions relating to the item
	Syntax Notes:	1 If either PO402 or PO403 is present, then the other is required.
		2 If PO405 is present, then PO406 is required.
		3 If either PO406 or PO407 is present, then the other is required.
		4 If either PO408 or PO409 is present, then the other is required.
		5 If PO410 is present, then PO413 is required.
		6 If PO411 is present, then PO413 is required.
		7 If PO412 is present, then PO413 is required.
		8 If PO413 is present, then at least one of PO410 PO411 or PO412 is required.
		9 If PO417 is present, then PO416 is required.
		10 If PO418 is present, then PO404 is required.
	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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	PO401	356	**Pack**	M	**N0 1/6**
			The number of inner containers, or number of eaches if there are no inner containers, per outer container		
			Buy Pack		
M	PO414	810	**Inner Pack**	M	**N0 1/6**
			The number of eaches per inner container		
			Number of Eaches inside Buy Pack		

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

Position: 110
Loop: LIN   Mandatory
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify transportation special handling requirements, or hazardous materials information, or both
Syntax Notes:
     1   At least one of TD401 TD402 or TD404 is required.
     2   If TD402 is present, then TD403 is required.

Comments:
Notes:
When specifying International Fire Code Institute class code designations, TD402 and TD403 will not be used, and TD404 will contain the text class code designation. Contact the International Fire Code Institute for a list of class code designations:
International Fire Code Institute 5360 Workman Mill Road Whittier, CA 90601-2298

This segment may be used also to specify the Department of Transportation code and description for hazardous materials.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
TD402	**208**	**Hazardous Material Code Qualifier**	**X**	**ID 1/1**
		Code which qualifies the Hazardous Material Class Code (209)		
		D Hazardous Materials ID, DOT		
TD403	**209**	**Hazardous Material Class Code**	**X**	**AN 1/4**
		Code specifying the kind of hazard for a material		
TD404	**352**	**Description**	**X**	**AN 1/80**
		A free-form description to clarify the related data elements and their content		

Segment: # LDT Lead Time

Position: 140
Loop: LIN   Mandatory
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify lead time for availability of products and services
Syntax Notes:
Comments: 1   LDT02 is the quantity of unit of time periods.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	LDT01	345	**Lead Time Code**	M	**ID 2/2**
			Code indicating the time range		
			AE From date of PO receipt to shipment		
M	LDT02	380	**Quantity**	M	**R 1/15**
			Numeric value of quantity		
M	LDT03	344	**Unit of Time Period or Interval**	M	**ID 2/2**
			Code indicating the time period or interval		
			DA Calendar Days		
			DW Work Days		

	Segment:	**FOB** **F.O.B. Related Instructions**
	Position:	160
	Loop:	LIN Mandatory
	Level:	Detail
	Usage:	Optional
	Max Use:	1
	Purpose:	To specify transportation instructions relating to shipment
	Syntax Notes:	1 If FOB03 is present, then FOB02 is required.
		2 If FOB04 is present, then FOB05 is required.
		3 If FOB07 is present, then FOB06 is required.
		4 If FOB08 is present, then FOB09 is required.
	Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	FOB01	146	**Shipment Method of Payment**	M ID 2/2

Code identifying payment terms for transportation charges

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)

	FOB02	309	**Location Qualifier**	X ID 1/2

Code identifying type of location

CA		Country of Origin
OR		Origin (Shipping Point)

	FOB03	352	**Description**	O AN 1/80

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

Free-form name of transportation responsibility location

Segment:		**G55** Item Characteristics - Consumer Unit			
Position:		168			
Loop:		LIN Mandatory			
Level:		Detail			
Usage:		Mandatory			
Max Use:		1			
Purpose:		To provide physical characteristics relative to a consumer unit			

Syntax Notes:
1. If either G5503 or G5504 is present, then the other is required.
2. If either G5505 or G5506 is present, then the other is required.
3. If either G5507 or G5508 is present, then the other is required.
4. If either G5509 or G5510 is present, then the other is required.
5. If either G5511 or G5512 is present, then the other is required.
6. If either G5514 or G5515 is present, then the other is required.
7. If any of G5523 G5524 or G5525 is present, then all are required.
8. If any of G5526 G5527 or G5528 is present, then all are required.
9. If either G5529 or G5530 is present, then the other is required.

Comments:
1. G5516 is limited to 16 characters.

Notes:

This segment should be used to provide physical characteristics relative to a consumer selling unit.

When changing a U.P.C. Consumer Package Code, the new code is identified in LIN02/LIN03 and G5501/G5502 and the replaced U.P.C. Consumer Package Code is indicated in G5529/G5530.

The dimensions of the consumer unit may be specified by using G5505 through G5510.

G5506, G5508 and G5510 must be in the same unit or basis for measurement code.

This segment is used to specify the packaging of the item in the case or carton. There may be two levels of packaging specified. The first level is always specified by using G5513 (Pack). The first level may be actual items, e.g., consumer units, or it may be the number of smaller containers within the case. The second level, specified using G5532 (Inner Pack), is the number of eaches in each inner container when G5513 is the number of smaller containers within the case. See Section V (Pack/Inner Pack Usage) for usage examples.

G5514 and G5515 should be used only if different from G3918 and G3919.

This segment may be used to specify the weight of the consumer unit by using G5523, G5524, and G5525. The volume (cube) of the consumer unit may be specified by using G5511 and G5512.

This segment can be used also to specify the type of packaging for the consumer unit by using G5533.

See Section III for complete U.P.C. and EAN code definitions.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	G5501	235	**Product/Service ID Qualifier**	M	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			UP U.P.C. Consumer Package Code (1-5-5-1)		
M	G5502	234	**Product/Service ID**	M	AN 12/12
			Identifying number for a product or service		
			UPC Code		
	G5505	65	**Height**	X	R 1/8

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

	G5506	355	**Unit or Basis for Measurement Code**	**X**	**ID 2/2**

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

See Section III for code list.

FT	Foot
IN	Inch

	G5507	189	**Width**	**X**	**R 1/8**

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

	G5508	355	**Unit or Basis for Measurement Code**	**X**	**ID 2/2**

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

See Section III for code list.

FT	Foot
IN	Inch

	G5509	82	**Length**	**X**	**R 1/8**

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

	G5510	355	**Unit or Basis for Measurement Code**	**X**	**ID 2/2**

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

See Section III for code list.

FT	Foot
IN	Inch

M	G5511	183	**Volume**	**M**	**R 1/8**

Value of volumetric measure

U.P.C. CATALOG: CUBE PER UNIT - The cube of an item.

M	G5512	355	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**

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

See Section III for code list.

CF	Cubic Feet
CI	Cubic Inches

M	G5523	395	**Unit Weight**	**M**	**R 1/8**

Numeric value of weight per unit

U.P.C. CATALOG: WEIGHT PER UNIT - The weight of an item.

M	G5524	187	**Weight Qualifier**	**M**	**ID 1/2**

Code defining the type of weight

G	Gross Weight

M	G5525	188	**Weight Unit Code**	**M**	**ID 1/1**

Code specifying the weight unit

L	Pounds

			Segment:	**CTP** Pricing Information

Segment: **CTP** Pricing Information
Position: 170
Loop: CTP   Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify pricing information
Syntax Notes:
1   If either CTP04 or CTP05 is present, then the other is required.
2   If CTP06 is present, then CTP07 is required.
3   If CTP09 is present, then CTP02 is required.
4   If CTP10 is present, then CTP02 is required.
5   If CTP11 is present, then CTP03 is required.
Comments:
1   See Figures Appendix for an example detailing the use of CTP03 and CTP04.
    See Figures Appendix for an example detailing the use of CTP03, CTP04 and CTP07.
Notes: Wholesale, and MSR Prices are required.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	CTP02	236	**Price Identifier Code**	M	ID 3/3

Code identifying pricing specification

MSR	Manufacturer's Suggested Retail	
	U.P.C. CATALOG: SUGGESTED RETAIL - Price that is printed on ticket identified as suggested retail.	
WHL	Wholesale	

	Ref. Des.	Data Element	Name		Attributes
M	CTP03	212	**Unit Price**	M	R 1/17

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

The price is sent with a decimal point only when needed, e.g., $15.95 would be sent as "15.95", and $29.00 would be sent as "29".

	Ref. Des.	Data Element	Name		Attributes
	CTP04	380	**Quantity**	X	R 1/15

Numeric value of quantity

	Ref. Des.	Data Element	Name		Attributes
	CTP05	C001	**Composite Unit of Measure**	X	

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

	Ref. Des.	Data Element	Name		Attributes
M	C00101	355	**Unit or Basis for Measurement Code**	M	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken
See Section III for code list.

				Segment:	**DTM** Date/Time Reference

Segment: **DTM** Date/Time Reference
Position: 180
Loop: CTP   Mandatory
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify pertinent dates and times
Syntax Notes: **1**   At least one of DTM02 DTM03 or DTM05 is required.
    2   If DTM04 is present, then DTM03 is required.
    3   If either DTM05 or DTM06 is present, then the other is required.
Comments:
Notes: Codes 196 and 197 specify the applicable dates for the prices specified in the preceding CTP segment, e.g., effective date or expiration date.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	DTM01	374	**Date/Time Qualifier**		M ID 3/3
			Code specifying type of date or time, or both date and time		
			196	Start	
			197	End	
M	DTM02	373	**Date**		M DT 8/8
			Date expressed as CCYYMMDD		

Segment:	**CUR** Currency		

Position: 200
Loop: CTP   Mandatory
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the currency (dollars, pounds, francs, etc.) used in a transaction
Syntax Notes:
    1   If CUR08 is present, then CUR07 is required.
    2   If CUR09 is present, then CUR07 is required.
    3   If CUR10 is present, then at least one of CUR11 or CUR12 is required.
    4   If CUR11 is present, then CUR10 is required.
    5   If CUR12 is present, then CUR10 is required.
    6   If CUR13 is present, then at least one of CUR14 or CUR15 is required.
    7   If CUR14 is present, then CUR13 is required.
    8   If CUR15 is present, then CUR13 is required.
    9   If CUR16 is present, then at least one of CUR17 or CUR18 is required.
    10   If CUR17 is present, then CUR16 is required.
    11   If CUR18 is present, then CUR16 is required.
    12   If CUR19 is present, then at least one of CUR20 or CUR21 is required.
    13   If CUR20 is present, then CUR19 is required.
    14   If CUR21 is present, then CUR19 is required.
Comments:
    1   See Figures Appendix for examples detailing the use of the CUR segment.
Notes:
When this segment is used in the detail area, it overrides any currency stated in the header area for this iteration of the LIN loop only. In addition, the exchange rate for the currency specified to US Dollars may be provided.

See Section V (CUR Usage) for usage examples.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	CUR01	98	**Entity Identifier Code**	M	ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual		
			SE Selling Party		
M	CUR02	100	**Currency Code**	M	ID 3/3
			Code (Standard ISO) for country in whose currency the charges are specified		

Segment: # N1 Name

Position: 230
Loop: N1   Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: **1**   At least one of N102 or N103 is required.
           2   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.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	N101	98	**Entity Identifier Code**	M	ID 2/3

Code identifying an organizational entity, a physical location, property or an individual
    MF   Manufacturer of Goods

	Ref. Des.	Data Element	Name		Attributes
	N102	93	**Name**	X	AN 1/60

Free-form name

Manufacturer of Goods

	Ref. Des.	Data Element	Name		Attributes
>>	N103	66	**Identification Code Qualifier**	X	ID 1/2

Code designating the system/method of code structure used for Identification Code (67)
    92   Assigned by Buyer or Buyer's Agent

	Ref. Des.	Data Element	Name		Attributes
>>	N104	67	**Identification Code**	X	AN 2/80

Code identifying a party or other code

Manufacturer of Goods

Segment: **N4** **Geographic Location**
Position: 260
Loop: N1   Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1 If N406 is present, then N405 is required.
Comments: 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2 N402 is required only if city name (N401) is in the U.S. or Canada.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
N401	**19**	**City Name**	**O**	**AN 2/30**
		Free-form text for city name		
N402	**156**	**State or Province Code**	**O**	**ID 2/2**
		Code (Standard State/Province) as defined by appropriate government agency		
N403	**116**	**Postal Code**	**O**	**ID 3/15**
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
N404	**26**	**Country Code**	**O**	**ID 2/3**
		Code identifying the country		

			Segment:	**CTT** Transaction Totals

Segment: **CTT** Transaction Totals
Position: 010
Loop:
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set
Syntax Notes: 1 If either CTT03 or CTT04 is present, then the other is required.
              2 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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	CTT01	354	**Number of Line Items**	M N0 1/6
			Total number of line items in the transaction set	
			The number of LIN segments present in the transaction set	

Segment:	**SE** Transaction Set Trailer
Position:	020
Loop:	
Level:	Summary
Usage:	Mandatory
Max Use:	1
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)
Syntax Notes:	
Comments:	1 SE is the last segment of each transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	SE01	96	**Number of Included Segments**	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
M	SE02	329	**Transaction Set Control Number**	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			This must be the same number as is in the ST segment (ST02) for the transaction set.	