



Electronic Data Interchange

832 – Price/Sales Catalog
(VICS Version - 4010)

March 2011

Powered By:



Purpose

This document provides detailed guidelines and conventions for implementing electronic price/sales catalog updates with Boscov's Department Stores. Our 832 Price/Sales Catalog, as detailed in this document, will provide you with all of the information necessary to fill our requirements.

These guidelines comply with published VICS standards for EDI version 4010 for all data elements and segments.

Mandatory segments and elements are always required on every document. Optional segments and elements that are required by Boscov's Department Stores are marked as "Must Use". Segment usage is marked at the top of each page under Usage. Element usage is marked in the far-left column beside each element. If the column is blank, the element is optional. Information in the Attributes column is from the VICS standards and is provided for reference only. Trading Partners must adhere to our requirements as indicated by "Must Use".

Business Rules

At a minimum, UPC or EAN **and** Vendor's Style Number or Vendor's Catalog Number must be sent in LIN.

Contacts

Transaction Testing: GXS Inc. 1.877.446.6847 Select Option 2

Production Support: GXS Inc. 1.877.446.6847 Select Option 2

Boscov's Department Stores: ediadmin@boscovs.com

Communication IDs

Testing

S/R ID: ZZ-BOS832

Account/User ID: INOVIS4/BOS832

VAN: AT&T Global Network Services

Production

S/R ID: 01/014492501

Account/User ID: VANS, HAMAIL

VAN: Inovis

Delimiters

Element Separator - "*"

(HEX "2A" in ASCII) (HEX "5C" in EBCDIC)

Component (Sub Element) Separator - ">"

(HEX "3E" in ASCII) (HEX "6E" in EBCDIC)

Segment Terminator - "~"

(HEX "7E" in ASCII) (HEX "A1" in EBCDIC)

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For Service Bureau, call 1-800-872-8255. Select Option 2, then Option 3.

For all other solutions, call 1-800-872-8255. Select Option 1, then Option 4.

Boscov's Department Stores 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.

Envelope:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
5-6	010	ISA	Interchange Control Header	M	1		
7	020	GS	Functional Group Header	M	1		

Heading:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
8	010	ST	Transaction Set Header	M	1		
9	020	BCT	Beginning Segment for Price/Sales Catalog	M	1		
LOOP ID - N1						>1	
10	150	N1	Name	O	1		

Detail:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
LOOP ID - LIN						>1	
11-12	010	LIN	Item Identification	O	1		
13	030	DTM	Date/Time Reference	O	10		
14	070	PID	Product/Item Description	O	200		

Summary:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
15	010	CTT	Transaction Totals	O	1		n1
16	020	SE	Transaction Set Trailer	M	1		

Envelope:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
17	030	GE	Functional Group Trailer	M	1		
18	040	IEA	Interchange Control 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: **ISA** Interchange Control Header
Position: 010
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ISA01	I01	Authorization Information Qualifier Code to identify the type of information in the Authorization Information 00 No Authorization Information Present (No Meaningful Information in I02)	M ID 2/2
Must Use	ISA02	I02	Authorization Information 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) " " 10 blank spaces	M AN 10/10
Must Use	ISA03	I03	Security Information Qualifier Code to identify the type of information in the Security Information 00 No Security Information Present (No Meaningful Information in I04)	M ID 2/2
Must Use	ISA04	I04	Security Information 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) " " 10 blank spaces	M AN 10/10
Must Use	ISA05	I05	Interchange ID Qualifier Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/2
Must Use	ISA06	I06	Interchange Sender ID 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	M AN 15/15
Must Use	ISA07	I05	Interchange ID Qualifier Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified 01 Duns (Dun & Bradstreet)	M ID 2/2
Must Use	ISA08	I07	Interchange Receiver ID 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 Boscov's Department Stores ID is "014492501"	M AN 15/15
Must Use	ISA09	I08	Interchange Date Date of the interchange	M DT 6/6
Must Use	ISA10	I09	Interchange Time Time of the interchange	M TM 4/4
Must Use	ISA11	I10	Interchange Control Standards Identifier Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer U U.S. EDI Community of ASC X12, TDCC, and UCS	M ID 1/1

Must Use	ISA12	I11	Interchange Control Version Number	M ID 5/5
			This version number covers the interchange control segments 00401 Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997	
Must Use	ISA13	I12	Interchange Control Number	M N0 9/9
			A control number assigned by the interchange sender	
Must Use	ISA14	I13	Acknowledgment Requested	M ID 1/1
			Code sent by the sender to request an interchange acknowledgment (TA1) 0 No Acknowledgment Requested	
Must Use	ISA15	I14	Usage Indicator	M ID 1/1
			Code to indicate whether data enclosed by this interchange envelope is test, production or information P Production Data T Test Data	
Must Use	ISA16	I15	Component Element Separator	M AN 1/1
			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 > The value identified for retail use	

Segment: **GS** Functional Group Header
Position: 020
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a functional group and to provide control information
Syntax Notes:
Semantic Notes:

- 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.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	GS01	479	Functional Identifier Code Code identifying a group of application related transaction sets SC Price/Sales Catalog (832)	M ID 2/2
Must Use	GS02	142	Application Sender's Code Code identifying party sending transmission; codes agreed to by trading partners	M AN 2/15
Must Use	GS03	124	Application Receiver's Code Code identifying party receiving transmission; codes agreed to by trading partners	M AN 2/15
Must Use	GS04	373	Date Date expressed as CCYYMMDD	M DT 8/8
Must Use	GS05	337	Time 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)	M TM 4/8
Must Use	GS06	28	Group Control Number Assigned number originated and maintained by the sender	M N0 1/9
Must Use	GS07	455	Responsible Agency Code Code used in conjunction with Data Element 480 to identify the issuer of the standard X Accredited Standards Committee X12	M ID 1/2
Must Use	GS08	480	Version / Release / Industry Identifier Code 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 004010VICS Draft Standards Approved for Publication by ASC X12 procedures Review Board through October 1997, Version 4, Release 1, the VICS EDI subset	M AN 1/12

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:
Semantic Notes: 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).
Comments:

Example:
ST*832*832000706~

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 832 Price/Sales Catalog	M ID 3/3
Must Use	ST02	329	Transaction Set Control Number 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.	M AN 4/9

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:

Semantic 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.

Example:

BCT*RC*****02~

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	BCT01	683	Catalog Purpose Code Code indicating purpose of catalog RC Resale Catalog U.P.C. Catalog Data, Traditional Vendor's Catalog, and Item Maintenance	M ID 2/2
	BCT10	353	Transaction Set Purpose Code Code identifying purpose of transaction set ACTION CODE as defined by U.P.C. Data Communications Guidelines for General Merchandise and Apparel 02 Add 11 Response	O ID 2/2

Segment:	N1 Name
Position:	150
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of N102 or N103 is required. 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol style="list-style-type: none"> 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.

Example:

N1*VN*BYDESIGN*92*BD001~

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N101	98	Entity Identifier Code	M ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
			VN Vendor	
Must Use	N102	93	Name	X AN 1/60
			Free-form name	
	N103	66	Identification Code Qualifier	X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)	
			1 D-U-N-S Number, Dun & Bradstreet	
			9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
			91 Assigned by Seller or Seller's Agent	
			92 Assigned by Buyer or Buyer's Agent	
	N104	67	Identification Code	X AN 2/80
			Code identifying a party or other code	
			This is the location code as defined by N103. The location code may be a formal number, e.g., DUNS, or it may be assigned by either the buyer or seller. The location refers to a store, warehouse, distribution center, plant, etc. Location codes are used to alleviate the need to send complete names and addresses.	

Segment:	LIN Item Identification
Position:	010
Loop:	LIN Mandatory
Level:	Detail
Usage:	Mandatory (Must Use)
Max Use:	1
Purpose:	To specify basic item identification data
Syntax Notes:	<ol style="list-style-type: none"> 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.
Semantic Notes:	1 LIN01 is the line item identification
Comments:	<ol style="list-style-type: none"> 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:	<p>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.</p> <p>The codes listed for LIN02 apply to every occurrence of Data Element 235 in the LIN segment.</p> <p>See Section III for complete U.P.C. and EAN code definitions.</p>

Example:

LIN**VC*IA60103A-60*UP*662136944346*CM*610*SM*33902~

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	LIN02	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	M ID 2/2
			CM National Retail Merchants Association Color Code COLOR ID as defined by the U.P.C. Data Communications Guidelines for General Merchandise and Apparel	
			EN European Article Number (EAN) (2-5-5-1)	
			SM National Retail Merchants Association Size Code SIZE ID as defined by the U.P.C. Data Communications Guidelines for General Merchandise and Apparel	
			UP U.P.C. Consumer Package Code (1-5-5-1)	
			VA Vendor's Style Number	
			VC Vendor's (Seller's) Catalog Number This code will be deleted after Version 004010.	
Must Use	LIN03	234	Product/Service ID Identifying number for a product or service	M AN 1/48
Must Use	LIN04	235	Product/Service ID Qualifier	X 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	
		EN	European Article Number (EAN) (2-5-5-1)	
		SM	National Retail Merchants Association Size Code	
		UP	U.P.C. Consumer Package Code (1-5-5-1)	
		VA	Vendor's Style Number	
		VC	Vendor's (Seller's) Catalog Number	
LIN05	234	Product/Service ID		X AN 1/48
		Identifying number for a product or service		
LIN06	235	Product/Service ID Qualifier		X 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	
		EN	European Article Number (EAN) (2-5-5-1)	
		SM	National Retail Merchants Association Size Code	
		UP	U.P.C. Consumer Package Code (1-5-5-1)	
		VA	Vendor's Style Number	
		VC	Vendor's (Seller's) Catalog Number	
LIN07	234	Product/Service ID		X AN 1/48
		Identifying number for a product or service		
LIN08	235	Product/Service ID Qualifier		X 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	
		EN	European Article Number (EAN) (2-5-5-1)	
		SM	National Retail Merchants Association Size Code	
		UP	U.P.C. Consumer Package Code (1-5-5-1)	
		VA	Vendor's Style Number	
		VC	Vendor's (Seller's) Catalog Number	
LIN09	234	Product/Service ID		X AN 1/48
		Identifying number for a product or service		
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)		
		CM	National Retail Merchants Association Color Code	
		EN	European Article Number (EAN) (2-5-5-1)	
		SM	National Retail Merchants Association Size Code	
		UP	U.P.C. Consumer Package Code (1-5-5-1)	
		VA	Vendor's Style Number	
		VC	Vendor's (Seller's) Catalog Number	
LIN11	234	Product/Service ID		X AN 1/48
		Identifying number for a product or service		
LIN12	235	Product/Service ID Qualifier		X 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	
		EN	European Article Number (EAN) (2-5-5-1)	
		SM	National Retail Merchants Association Size Code	
		UP	U.P.C. Consumer Package Code (1-5-5-1)	
		VA	Vendor's Style Number	
		VC	Vendor's (Seller's) Catalog Number	
LIN13	234	Product/Service ID		X AN 1/48
		Identifying number for a product or service		

Segment: **DTM** Date/Time Reference
Position: 030
Loop: LIN Optional
Level: Detail
Usage: Optional (Must Use)
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.

Semantic Notes:
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.

Example:
DTM*036*20000228~

Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
Must Use	DTM01	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time	
		018	Available U.P.C. CATALOG: AVAILABLE DATE - First available ship date. Implies nothing about current availability.	
		036	Expiration Date coverage expires 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	
		152	Effective Date of Change Date on which the change went into effect When BCT01 contains code PS (Retail Price Communication), this is the shipment date when this price change is effective, i.e. all identified items shipped on or after this date will have the new price applied.	
		177	Cancellation Date on which the coverage or service is no longer in force CANCELLATION DATE as defined by the U.P.C. Data Communications Guidelines for General Merchandise and Apparel	
		584	Reinstatement REINSTATEMENT DATE as defined by the U.P.C. Data Communications Guidelines for General Merchandise and Apparel	
Must Use	DTM02	373	Date Date expressed as CCYYMMDD	X DT 8/8

Segment:	PID Product/Item Description
Position:	070
Loop:	LIN Optional
Level:	Detail
Usage:	Optional (Must Use)
Max Use:	200
Purpose:	To describe a product or process in coded or free-form format
Syntax Notes:	<ol style="list-style-type: none"> 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.
Semantic Notes:	<ol style="list-style-type: none"> 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:	<ol style="list-style-type: none"> 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:	The PID segment is used to provide product/item descriptions in text and or coded formats. The codes in PID04 are maintained by the VICS EDI SMC and are only printed in this guideline.

Example:

PID*F*08***L/SLV CHENILLE FUNNEL NK P/O~

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	PID01	349	Item Description Type Code indicating the format of a description F Free-form The description will be found in PID05.	M ID 1/1
Must Use	PID02	750	Product/Process Characteristic Code 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	O ID 2/3
Must Use	PID05	352	Description 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.	X AN 1/80

Segment: **CTT** Transaction Totals
Position: 010
Loop:
Level: Summary
Usage: Optional (Must Use)
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.
Semantic Notes:
Comments: 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

Example:
 CTT*3~

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	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:

Semantic Notes:

Comments: 1 SE is the last segment of each transaction set.

Example:

SE*23*832000706~

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M N0 1/10
Must Use	SE02	329	Transaction Set Control Number 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.	M AN 4/9

Segment: **GE** Functional Group Trailer
Position: 030
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of a functional group and to provide control information
Syntax Notes:
Semantic Notes: 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.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	GE01	97	Number of Transaction Sets Included Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	M N0 1/6
Must Use	GE02	28	Group Control Number Assigned number originated and maintained by the sender	M N0 1/9

Segment: **IEA** Interchange Control Trailer
Position: 040
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	IEA01	I16	Number of Included Functional Groups A count of the number of functional groups included in an interchange	M N0 1/5
Must Use	IEA02	I12	Interchange Control Number A control number assigned by the interchange sender	M N0 9/9

Example

Sample Price/Sales Catalog Transaction

ST*832*832000706~
 BCT*RC*873021679*002*****BYDESIGN*02~
 N1*VN*BYDESIGN*92*BD001~
 LIN**VC*AF01100A-01*UP*662136508890*CM*970*SM*33903~
 DTM*043*19990721~
 DTM*036*20000228~
 PID*F*08***MS S/S BIAS SATIN TRIM C-NK~
 PID*F*73***ASSORTED~
 PID*F*74***M~
 LIN**VC*IA01118A-01*UP*662136943851*CM*001*SM*33903~
 DTM*043*20000127~
 DTM*036*20000228~
 PID*F*08***MS L/S C-NK CARDIGAN W/PICOT~
 PID*F*73***BLACK~
 PID*F*74***M~
 LIN**VC*IA60103A-60*UP*662136944346*CM*610*SM*33902~
 DTM*043*20000127~
 DTM*036*20000228~
 PID*F*08***L/SLV CHENILLE FUNNEL NK P/O~
 PID*F*73***BERRY~
 PID*F*74***S~
 CTT*3~
 SE*23*832000706~