



**Health Industry Business Communications Council -
eBusiness Committee**



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.

Notes:

This transaction is used to transmit product information from a manufacturer/supplier to the Health Industry Business Communications Council's (HIBCC) Universal Product Number (UPN) Repository.

Heading:

	<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>
M	010	ST	Transaction Set Header	M	1		
M	020	BCT	Beginning Segment for Price/Sales Catalog	M	1		
Not Used	040	CTP	Pricing Information	O	100		
Not Used	050	REF	Reference Identification	O	>1		
Not Used	055	YNQ	Yes/No Question	O	10		
Not Used	060	PER	Administrative Communications Contact	O	>1		
Not Used	070	DTM	Date/Time Reference	O	10		
Not Used	080	CTB	Restrictions/Conditions	O	25		
Not Used	090	CUR	Currency	O	5		
Not Used	110	ITD	Terms of Sale/Deferred Terms of Sale	O	2		
Not Used	120	LDT	Lead Time	O	>1		
Not Used	130	SAC	Service, Promotion, Allowance, or Charge Information	O	>1		
Not Used	133	TD1	Carrier Details (Quantity and Weight)	O	>1		
Not Used	134	TD5	Carrier Details (Routing Sequence/Transit Time)	O	>1		
Not Used	135	TD3	Carrier Details (Equipment)	O	>1		
Not Used	136	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	>1		
Not Used	140	FOB	F.O.B. Related Instructions	O	1		
Not Used	142	PKG	Marking, Packaging, Loading	O	>1		
Not Used	145	G93	Price Bracket Identification	O	50		

Not Used	146	TXI	Tax Information	O	>1
Not Used	147	AAA	Request Validation	O	1
LOOP ID - N1					>1
	150	N1	Name	O	1
Not Used	160	N2	Additional Name Information	O	2
Not Used	170	N3	Address Information	O	2
Not Used	180	N4	Geographic Location	O	>1
Not Used	190	REF	Reference Identification	O	12
Not Used	195	PKG	Marking, Packaging, Loading	O	>1
Not Used	200	PER	Administrative Communications Contact	O	>1
Not Used	201	DTM	Date/Time Reference	O	10
LOOP ID - LM					>1
Not Used	210	LM	Code Source Information	O	1
Not Used	220	LQ	Industry Code	M	>1
LOOP ID - N9					>1
Not Used	230	N9	Reference Identification	O	1
Not Used	240	DTM	Date/Time Reference	O	>1

Detail:

<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	
	010	LIN	Item Identification	O	1	
Not Used	012	PO1	Baseline Item Data	O	1	
Not Used	015	G53	Maintenance Type	O	1	n1
Not Used	025	SI	Service Characteristic Identification	O	>1	
Not Used	030	DTM	Date/Time Reference	O	10	
Not Used	040	REF	Reference Identification	O	>1	
Not Used	045	YNQ	Yes/No Question	O	10	
Not Used	050	PER	Administrative Communications Contact	O	>1	
Not Used	055	CRD	Content Reporting Detail	O	>1	
Not Used	060	CTB	Restrictions/Conditions	O	25	
	070	PID	Product/Item Description	O	200	
Not Used	080	MEA	Measurements	O	40	
Not Used	090	PKG	Marking, Packaging, Loading	O	25	
Not Used	100	PO4	Item Physical Details	O	1	
Not Used	107	TD1	Carrier Details (Quantity and Weight)	O	>1	
Not Used	108	TD5	Carrier Details (Routing Sequence/Transit Time)	O	>1	
Not Used	109	TD3	Carrier Details (Equipment)	O	>1	
Not Used	110	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	>1	
Not Used	130	ITD	Terms of Sale/Deferred Terms of Sale	O	2	
Not Used	140	LDT	Lead Time	O	1	
Not Used	150	SAC	Service, Promotion, Allowance, or Charge Information	O	>1	
Not Used	160	FOB	F.O.B. Related Instructions	O	1	
Not Used	164	AAA	Request Validation	O	1	
Not Used	165	TC2	Commodity	O	2	
Not Used	166	TXI	Tax Information	O	>1	
Not Used	168	G55	Item Characteristics - Consumer Unit	O	1	
Not Used	169	G54	Module Description	O	1	

LOOP ID - CTP			100
Not Used	170	CTP	Pricing Information O 1
Not Used	175	G40	Bracket Price O 99
Not Used	180	DTM	Date/Time Reference O 10
Not Used	182	G36	Price List Reference O 1
Not Used	190	LDT	Lead Time O 1
Not Used	200	CUR	Currency O 5
Not Used	210	PO4	Item Physical Details O 1
Not Used	220	CTB	Restrictions/Conditions O 5
Not Used	225	REF	Reference Identification O >1
Not Used	227	G43	Promotion/Price List Area O 9999
Not Used	228	SAC	Service, Promotion, Allowance, or Charge Information O >1
Not Used	229	G26	Pricing Conditions O 99
LOOP ID - N1			>1
Not Used	230	N1	Name O 1
Not Used	240	N2	Additional Name Information O 2
Not Used	250	N3	Address Information O 2
Not Used	260	N4	Geographic Location O 1
Not Used	270	REF	Reference Identification O 12
Not Used	280	PER	Administrative Communications Contact O >1
Not Used	281	DTM	Date/Time Reference O 10
Not Used	282	PKG	Marking, Packaging, Loading O >1
LOOP ID - G39			>1
Not Used	283	G39	Item Characteristics - Vendor's Selling Unit O 1
Not Used	284	CTP	Pricing Information O 1
LOOP ID - PKL			20
	285	PKL	Multi-Pack Configuration O 1
Not Used	290	CTP	Pricing Information O 1
Not Used	295	PKG	Marking, Packaging, Loading O 2
LOOP ID - LFG			1
Not Used	300	LFG	Hazardous Information, Finished Goods O 1
LOOP ID - CRC			>1
Not Used	310	CRC	Conditions Indicator O 1
Not Used	320	QTY	Quantity O 1
LOOP ID - LM			>1
Not Used	330	LM	Code Source Information O 1
Not Used	340	LQ	Industry Code M >1
LOOP ID - SLN			>1
	350	SLN	Subline Item Detail O 1
Not Used	360	SI	Service Characteristic Identification O >1
Not Used	370	PID	Product/Item Description O >1
Not Used	380	DTM	Date/Time Reference O >1
Not Used	390	CTP	Pricing Information O >1
Not Used	400	PAM	Period Amount O >1
Not Used	410	PO4	Item Physical Details O >1
Not Used	420	PKG	Marking, Packaging, Loading O >1
Not Used	430	QTY	Quantity O >1
Not Used	440	MEA	Measurements O >1
Not Used	450	SAC	Service, Promotion, Allowance, or Charge O >1

Not Used	460	MTX	Information Text	O	>1
			LOOP ID - LM	>1	
Not Used	470	LM	Code Source Information	O	1
Not Used	480	LQ	Industry Code	M	>1
			LOOP ID - N9	>1	
Not Used	490	N9	Reference Identification	O	1
Not Used	500	DTM	Date/Time Reference	O	>1

Summary:

	<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>
	010	CTT	Transaction Totals	O	1		n2
M	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. If BCT10 is used and G5301 is used, then the G5301 takes precedence.
2. 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:
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:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set	M ID 3/3
M	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	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:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	BCT01	683	Catalog Purpose Code Code indicating purpose of catalog CP Customized Catalog A collection of criteria for the user of a catalog that generates responses from the catalog when the criteria are met	M ID 2/2
	BCT02	684	Catalog Number Identifying number for catalog or superseded catalog The catalog number is a value determined by the manufacturer when transmitting UPN data to HIBCC for loading into the UPN repository. HIBCC will assign the catalog number value when providing the UPN Repository to subscribers.	O AN 1/15
	BCT03	685	Catalog Version Number Identifying version number of catalog or superseded catalog This field is used by the manufacturer to specify that this catalog is a UPN catalog. While there is currently no standardized value to specify a UPN catalog, manufacturers may consider using the letters 'UPN'.	O AN 1/15
X	BCT04	686	Catalog Revision Number Identifying revision number of catalog or superseded catalog	O AN 1/6
X	BCT05	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
X	BCT06	684	Catalog Number Identifying number for catalog or superseded catalog	O AN 1/15
X	BCT07	685	Catalog Version Number Identifying version number of catalog or superseded catalog	O AN 1/15
X	BCT08	686	Catalog Revision Number Identifying revision number of catalog or superseded catalog	O AN 1/6
X	BCT09	352	Description A free-form description to clarify the related data elements and their content	O AN 1/80
	BCT10	353	Transaction Set Purpose Code Code identifying purpose of transaction set Use of this field is optional. However, if used, the code '00' is the only recommended code for a UPN catalog. Manufacturers will be providing a total refresh of their UPN's to HIBCC for loading into the UPN Repository. A total refresh may include existing catalog numbers and the respective UPN's, and new catalog and UPN numbers.	O ID 2/2
			00 Original	

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: 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: 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

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual MF Manufacturer of Goods	M ID 2/3
	N102	93	Name Free-form name Used by manufacturer to specify the name to be used in the HIBCC UPN Repository.	X AN 1/60
	N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 21 Health Industry Number (HIN)	X ID 1/2
	N104	67	Identification Code Code identifying a party or other code	X AN 2/80
X	N105	706	Entity Relationship Code Code describing entity relationship	O ID 2/2
X	N106	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual	O ID 2/3

Segment: **LIN** Item Identification
Position: 010
Loop: LIN Optional
Level: Detail
Usage: Optional
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.

Semantic Notes:

- 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.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
	LIN01	350	Assigned Identification	O AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set	
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	
			This field contains the manufacturer's catalog number for the product. The manufacturer assigned UPN's are specified in the PKL segment.	
	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)	
			BC Supplier Brand Code	
	LIN05	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
X	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)	
X	LIN07	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
X	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)	
X	LIN09	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
X	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)		
X	LIN11	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
X	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)		
X	LIN13	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
X	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)		
X	LIN15	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
X	LIN16	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
X	LIN17	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
X	LIN18	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
X	LIN19	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
X	LIN20	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
X	LIN21	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
X	LIN22	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
X	LIN23	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
X	LIN24	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
X	LIN25	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
X	LIN26	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
X	LIN27	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
X	LIN28	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
X	LIN29	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
X	LIN30	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
X	LIN31	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		

Segment:	PID Product/Item Description
Position:	070
Loop:	LIN Optional
Level:	Detail
Usage:	Optional
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.

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	PID01	349 Item Description Type Code indicating the format of a description F Free-form	M ID 1/1
X	PID02	750 Product/Process Characteristic Code Code identifying the general class of a product or process characteristic	O ID 2/3
X	PID03	559 Agency Qualifier Code Code identifying the agency assigning the code values	X ID 2/2
X	PID04	751 Product Description Code A code from an industry code list which provides specific data about a product characteristic	X AN 1/12
	PID05	352 Description A free-form description to clarify the related data elements and their content This field contains the manufacturer's description of the product specified in the LIN segment.	X AN 1/80
X	PID06	752 Surface/Layer/Position Code Code indicating the product surface, layer or position that is being described	O ID 2/2
X	PID07	822 Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier	O AN 1/15
X	PID08	1073 Yes/No Condition or Response Code Code indicating a Yes or No condition or response	O ID 1/1
X	PID09	819 Language Code Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)	O ID 2/3

Segment: **PKL Multi-Pack Configuration**
Position: 285
Loop: PKL Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To identify the package level, quantity of stock-keeping units (SKUs), and physical dimensions and weight of the package being defined

- Syntax Notes:**
- 1 If PKL05 is present, then PKL08 is required.
 - 2 If PKL06 is present, then PKL08 is required.
 - 3 If PKL07 is present, then PKL08 is required.
 - 4 If PKL08 is present, then at least one of PKL05 PKL06 or PKL07 is required.
 - 5 If either PKL09 or PKL10 is present, then the other is required.
 - 6 If either PKL11 or PKL12 is present, then the other is required.

- Semantic Notes:**
- 1 PKL04 is the Stock Keeping Unit (SKU) quantity.
 - 2 PKL13 is used to designate whether the product identified in PKL02 is saleable by the manufacturer at that packaging level. Code "Y" indicates that the product is saleable by the manufacturer at that packaging level, and code "N" indicates that the product is not saleable by the manufacturer at that packaging level.

Comments:
Notes:

This segment contains the UPN assigned to the catalog number by the manufacturer.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	PKL01	235	Product/Service ID Qualifier	M ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			HI HIBC (Health Care Industry Bar Code)	
			UK U.P.C./EAN Shipping Container Code (1-2-5-5-1)	
			A 14-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator and check digit; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digits are the manufacturer ID number, the second five digits are the item code, and the final digit is the check digit	
M	PKL02	234	Product/Service ID	M AN 1/48
			Identifying number for a product or service	
			This field contains the manufacturer's UPN for the product specified in the LIN segment	
			The HIBCC Automated Data Identification Technical Committee recommends the link character be stripped from the bar code data character string prior to being passed to any application level software.	
M	PKL03	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	
M	PKL04	380	Quantity	M R 1/15
			Numeric value of quantity	
			The quantity of eaches in this UPN for the specified unit of measure.	
X	PKL05	65	Height	X R 1/8
			Vertical dimension of an object measured when the object is in the upright position	
X	PKL06	189	Width	X R 1/8
			Shorter measurement of the two horizontal dimensions measured with the object in the upright position	
X	PKL07	677	Item Depth	X R 1/6

The depth is the thickness of the product; in the dimension coordinate axes represented by X, Y and Z, depth is measured along the Z axis where X is the horizontal axis and Y is the vertical axis

X	PKL08	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		
X	PKL09	384	Gross Weight per Pack	X	R 1/9
			Numeric value of gross weight per pack		
X	PKL10	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		
X	PKL11	385	Gross Volume per Pack	X	R 1/9
			Numeric value of gross volume per pack		
X	PKL12	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		
	PKL13	1073	Yes/No Condition or Response Code	O	ID 1/1
			Code indicating a Yes or No condition or response		
			This field identifies whether the specified UPN is a saleable packaging level from the manufacturer.		
			N	No	
			Y	Yes	

Segment:	SLN Subline Item Detail
Position:	350
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify product subline detail item data
Syntax Notes:	<ol style="list-style-type: none"> 1 If either SLN04 or SLN05 is present, then the other is required. 2 If SLN07 is present, then SLN06 is required. 3 If SLN08 is present, then SLN06 is required. 4 If either SLN09 or SLN10 is present, then the other is required. 5 If either SLN11 or SLN12 is present, then the other is required. 6 If either SLN13 or SLN14 is present, then the other is required. 7 If either SLN15 or SLN16 is present, then the other is required. 8 If either SLN17 or SLN18 is present, then the other is required. 9 If either SLN19 or SLN20 is present, then the other is required. 10 If either SLN21 or SLN22 is present, then the other is required. 11 If either SLN23 or SLN24 is present, then the other is required. 12 If either SLN25 or SLN26 is present, then the other is required. 13 If either SLN27 or SLN28 is present, then the other is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 SLN01 is the identifying number for the subline item. 2 SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials. 3 SLN03 is the configuration code indicating the relationship of the subline item to the baseline item. 4 SLN08 is a code indicating the relationship of the price or amount to the associated segment.
Comments:	<ol style="list-style-type: none"> 1 See the Data Element Dictionary for a complete list of IDs. 2 SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1. 3 SLN09 through SLN28 provide for ten 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>This segment is used only when the catalog number specified in the LIN segment is a kit and the kit component must be individually identified.</p> <p>The UPN for the entire kit is specified in the PKL segment.</p>

Data Element Summary

Ref.	<u>Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	SLN01	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	M AN 1/20
	SLN02	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	O AN 1/20
M	SLN03	662	Relationship Code Code indicating the relationship between entities I Included	M ID 1/1
	SLN04	380	Quantity Numeric value of quantity	X R 1/15
	SLN05	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	X
M	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	M ID 2/2
X	C00102	1018	Exponent Power to which a unit is raised	O R 1/15

X	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
X	C00104	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
X	C00105	1018	Exponent Power to which a unit is raised	O	R 1/15
X	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
X	C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
X	C00108	1018	Exponent Power to which a unit is raised	O	R 1/15
X	C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
X	C00110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
X	C00111	1018	Exponent Power to which a unit is raised	O	R 1/15
X	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
X	C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
X	C00114	1018	Exponent Power to which a unit is raised	O	R 1/15
X	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
X	SLN06	212	Unit Price Price per unit of product, service, commodity, etc.	X	R 1/17
X	SLN07	639	Basis of Unit Price Code Code identifying the type of unit price for an item	O	ID 2/2
X	SLN08	662	Relationship Code Code indicating the relationship between entities	O	ID 1/1
	SLN09	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) VC Vendor's (Seller's) Catalog Number	X	ID 2/2
	SLN10	234	Product/Service ID Identifying number for a product or service This field identifies the manufacturer's catalog number for the product contained in the kit. The manufacturer's kit part number is identified in the LIN segment and the UPN for the kit is identified in the PKL segment.	X	AN 1/48
	SLN11	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) HI HIBC (Health Care Industry Bar Code) UK U.P.C./EAN Shipping Container Code (1-2-5-5-1) A 14-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator and check digit; the first digit is the packaging indicator, the next two digits are the number system	X	ID 2/2

characters, the next five digits are the manufacturer ID number, the second five digits are the item code, and the final digit is the check digit

	SLN12	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
			This field contains the UPN for the manufacturer's product contained in the kit. The manufacturer's kit part number is identified in the LIN segment and the UPN for the kit is identified in the PKL segment.		
X	SLN13	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
X	SLN14	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
X	SLN15	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
X	SLN16	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
X	SLN17	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
X	SLN18	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
X	SLN19	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
X	SLN20	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
X	SLN21	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
X	SLN22	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
X	SLN23	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
X	SLN24	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
X	SLN25	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
X	SLN26	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
X	SLN27	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
X	SLN28	234	Product/Service ID Identifying number for a product or service	X	AN 1/48

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.
Semantic Notes:
Comments: 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	CTT01	354	Number of Line Items Total number of line items in the transaction set	M N0 1/6
X	CTT02	347	Hash Total Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ----- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.	O R 1/10
X	CTT03	81	Weight Numeric value of weight	X R 1/10
X	CTT04	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	X ID 2/2
X	CTT05	183	Volume Value of volumetric measure	X R 1/8
X	CTT06	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	X ID 2/2
X	CTT07	352	Description A free-form description to clarify the related data elements and their content	O AN 1/80

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.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M N0 1/10
M	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	M AN 4/9