

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:

ISA Notes:

ISA EDI Guideline Data Element Code lists are either "Suggested" or "Limited". A "Suggested" code list implies that through mutual agreement, trading partners may use other X12 codes for that Data Element if they are needed for a particular business function. Unless otherwise noted, all code lists are Suggested Code Lists.

A "Limited" code list indicates that the codes are limited to those provided in the ISA EDI Guidelines. If additional codes are needed in a "Limited" code list, please see the ISA eB Guideline for information on the Change Request Process.

Restricting the use of codes to those listed in the ISA EDI Guideline will facilitate reliable mapping to a trading partner's business applications.

Heading:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Base Guide</u>	<u>User Status</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
3	010	ST	Transaction Set Header	M	M	1		
4	020	BCT	Beginning Segment for Price/Sales Catalog	M	M	1		
6	060	PER	Administrative Communications Contact	O		>1		
8	070	DTM	Date/Time Reference	O		10		
10	090	CUR	Currency	O		5		
11	120	LDT	Lead Time	O		>1		
LOOP ID - N1							>1	
12	150	N1	Name	O		1		
13	160	N2	Additional Name Information	O		2		
14	170	N3	Address Information	O		2		
15	180	N4	Geographic Location	O		>1		
16	200	PER	Administrative Communications Contact	O		>1		

Detail:

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LOOP ID - LIN							>1	
18	010	LIN	Item Identification	O		1		
21	030	DTM	Date/Time Reference	O		10		
23	060	CTB	Restrictions/Conditions	O		25		
24	070	PID	Product/Item Description	O		200		
25	100	PO4	Item Physical Details	O		1		
27	140	LDT	Lead Time	O		1		
LOOP ID - CTP							100	
28	170	CTP	Pricing Information	O		1		
29	180	DTM	Date/Time Reference	O		10		
LOOP ID - N1							>1	
31	230	N1	Name	O		1		
32	240	N2	Additional Name Information	O		2		
33	250	N3	Address Information	O		2		
34	260	N4	Geographic Location	O		1		
LOOP ID - LFG							1	
35	300	LFG	Hazardous Information, Finished Goods	O		1		

Summary:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Base Guide</u>	<u>User Status</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
36	010	CTT	Transaction Totals	O		1		n1
37	020	SE	Transaction Set Trailer	M	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:
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:
Notes:

ISA Example: ST * 832 * 1 ^

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 832 Price/Sales Catalog	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 <i>Each ST Segment within a group of 832 Transactions must have a unique control number. The same number is used in the SE Segment of that transaction.</i> <i>The Transaction Set Control Number is sequentially assigned by the sender, starting with one and incremented by one for each additional transaction set within this functional group of 832 transactions.</i>	M AN 4/9	M

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:

An 832 Transaction set is identified as either Original, Add, or Delete. To replace or change item information, Delete the existing item and Add the new one. The Transaction Set Purpose Code in BCT10 indicates that all of information in the transaction set is to be Added or all of the information is to be Deleted. Delete transactions should always be transmitted before Adds (as indicated by the DTM (Position 700 Date and Time). The receiving trading partner should always process Deletes before Adds.

When the Transaction Set Purpose Code is Original, this indicates that this is the first time the information has been sent, or that all of the previous information should be deleted and wholly replaced with the information in this Original transaction.

IMPORTANT - A Transaction Set Purpose Code of "00 Original" indicates, if this is not the first time the data has been sent, ALL PREVIOUS DATA FROM THIS TRADING PARTNER IS TO BE DELETED AND REPLACED with the information in this transaction. It is a complete "refresh" of all the trade item data.

ISA Example: BCT * SC * Cat33 * * * * * 2006 Industrial Supply Catalogue * 00 ^

Data Element Summary

Ref.	Data	Name	Base	User
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
BCT01	683	Catalog Purpose Code	M ID 2/2	M
		Code indicating purpose of catalog		
		SC Sales Catalog		
BCT02	684	Catalog Number	O AN 1/15	
		Identifying number for catalog or superseded catalog		
		<i>The Supplier may assign a Catalog Number or other identifying entity for this version of their catalog.</i>		
BCT09	352	Description	O AN 1/80	
		A free-form description to clarify the related data elements and their content		
		<i>An optional title for the Catalog.</i>		
BCT10	353	Transaction Set Purpose Code	O ID 2/2	
		Code identifying purpose of transaction set		
		<i>BCT10 is a Limited Code List.</i>		
		PLEASE READ THE BCT SEGMENT NOTES.		
		00 Original		
		<i>Original, complete list of item information or a complete refresh of all item information.</i>		
		02 Add		

03

ADD indicates that all of the trade items sent in this transaction should be added to the existing list of items.

Delete

DELETE indicates that all of the items in this transaction should be deleted. DELETES should always be processed before ADDS.

Segment: **PER** Administrative Communications Contact
Position: 060
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To identify a person or office to whom administrative communications should be directed
Syntax Notes:

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

Semantic Notes:
Comments:
Notes:

This PER Segment is used to convey the contact information for the person who is to receive error or rejection notification relative to the EDI construction (use Qualifier IC) or the general business application (Qualifier CN) for this document. If the same person fills both roles, only list them once with the IC Qualifier. Send, minimally, the telephone number plus either an e-mail address or a fax number. Other company contact information can be sent in the PER Segment in the NI Loop at the Header Level.

ISA Example: PER * IC * John Smith * TE * (555) 123-6480 * EM * jsmith@domain.com ^

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
PER01	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named CN General Contact IC Information Contact	M ID 2/2	M
PER02	93	Name Free-form name	O AN 1/60	
PER03	365	Communication Number Qualifier Code identifying the type of communication number CP Cellular Phone EM Electronic Mail EX Telephone Extension FX Facsimile NP Night Telephone TE Telephone	X ID 2/2	
PER04	364	Communication Number Complete communications number including country or area code when applicable	X AN 1/80	
PER05	365	Communication Number Qualifier Code identifying the type of communication number CP Cellular Phone EM Electronic Mail EX Telephone Extension FX Facsimile NP Night Telephone TE Telephone	X ID 2/2	
PER06	364	Communication Number Complete communications number including country or area code when applicable	X AN 1/80	

PER07 **365** **Communication Number Qualifier** **X** **ID 2/2**

Code identifying the type of communication number

CP	Cellular Phone
EM	Electronic Mail
EX	Telephone Extension
FX	Facsimile
NP	Night Telephone
TE	Telephone

PER08 **364** **Communication Number** **X** **AN 1/80**

Complete communications number including country or area code when applicable

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.

Semantic Notes:
Comments:
Notes:

At least one iteration of this DTM segment is designated mandatory in the ISA EDI guidelines. The first iteration communicates the date the transaction was sent (097 Transaction Creation). That is also the effective date for the Original, Add or Delete data in the transaction set unless a second iteration is sent with the "007 Effective" qualifier.

Dates can be in the past. Unless otherwise noted in the DTM03 Time Element, information is in effect at 0:01 AM on the date given.

For Original and Add items, the products are available and prices in effect as of this date except where noted differently for that item at the Detail Level.

For Deletes, this is the Date / Time to delete the trade item information. If replacement item information is to be Added, make sure the Date / Time of the Add is after the Date / Time of the Delete.

ISA Example: DTM * 097 * 20060101 * 1200 ^

Data Element Summary

Ref. Des.	Data Element	Name	Base Attributes	User Attributes
DTM01	374	Date/Time Qualifier	M ID 3/3	M
		Code specifying type of date or time, or both date and time		
		<i>DTM01 is a Suggested Code List.</i>		
		007 Effective		
		<i>Date information is effective. Only send if different that the transaction date.</i>		
		097 Transaction Creation		
		<i>Date transaction sent.</i>		
DTM02	373	Date	X DT 8/8	
		Date expressed as CCYYMMDD		
DTM03	337	Time	X TM 4/8	
		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)		
DTM04	623	Time Code	O ID 2/2	
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow		
		AD Alaska Daylight Time		

AS	Alaska Standard Time
AT	Alaska Time
CD	Central Daylight Time
CS	Central Standard Time
CT	Central Time
ED	Eastern Daylight Time
ES	Eastern Standard Time
ET	Eastern Time
GM	Greenwich Mean Time
HD	Hawaii-Aleutian Daylight Time
HS	Hawaii-Aleutian Standard Time
HT	Hawaii-Aleutian Time
LT	Local Time
MD	Mountain Daylight Time
MS	Mountain Standard Time
MT	Mountain Time
ND	Newfoundland Daylight Time
NS	Newfoundland Standard Time
NT	Newfoundland Time
PD	Pacific Daylight Time
PS	Pacific Standard Time
PT	Pacific Time
TD	Atlantic Daylight Time
TS	Atlantic Standard Time
TT	Atlantic Time
UT	Universal Time Coordinate

Segment: **CUR** Currency
Position: 090
Loop:
Level: Heading
Usage: Optional
Max Use: 5
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.

Semantic Notes:
Comments: 1 See Figures Appendix for examples detailing the use of the CUR segment.
Notes:

ISA Example: CUR * SE * US ^

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
CUR01	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual SE Selling Party	M ID 2/3	M
CUR02	100	Currency Code Code (Standard ISO) for country in whose currency the charges are specified <i>Use the three digit alpha codes from ISO Country Code List 3166 (See the ISA eB Guideline).</i>	M ID 3/3	M

Segment: **LDT** Lead Time
Position: 120
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify lead time for availability of products and services
Syntax Notes:
Semantic Notes: 1 LDT04 is the effective date of lead time information.
Comments: 1 LDT02 is the quantity of unit of time periods.
Notes:

If Lead Time is shown at both the Header and Detail Level, the Lead Time at the Detail Level over-rides the Header Level.

ISA Example: LDT * AL * 5 * DW ^

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
LDT01	345	Lead Time Code	M ID 2/2	M
		Code indicating the time range		
		AE From date of PO receipt to shipment		
		AF From date of PO receipt to delivery		
		AL From Date Of Purchase Order or Contract Receipt To Product Ready		
LDT02	380	Quantity	M R 1/15	M
		Numeric value of quantity		
		<i>The number of days or hours (unit of time expressed in LDT 03).</i>		
LDT03	344	Unit of Time Period or Interval	M ID 2/2	M
		Code indicating the time period or interval		
		DA Calendar Days		
		DW Work Days		
		HR Hours		

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.
Notes:

The ISA EDI Guidelines requires one N1 Loop to send the name of the company providing the catalog information. A second N1 Loop may be sent to convey the Country of Origin and/or Ship-From location if it is the same for most or all of the items in the catalog. If a different Country of Origin or Ship-From location is sent at the Detail Level, it will over-ride the Header Level. Additional N1 Loops may be used to send information as identified in the N101.

ISA Example: N1 * SU * Acme, Inc. * UL * 0614141232329 ^

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual 50 Manufacturer's Representative CT Country of Origin DB Distributor Branch DS Distributor SF Ship From SU Supplier/Manufacturer	M ID 2/3	M
N102	93	Name Free-form name	X AN 1/60	
N103	66	Identification Code Qualifier 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 UL GS1 Global Location Number A globally unique 13 digit code for the identification of a legal or physical location within the GS1 system. <i>GS1 Global Location Number (GLN). See the ISA eB Guidelines for more information.</i>	X ID 1/2	
N104	67	Identification Code Code identifying a party or other code	X AN 2/80	

Segment: **N2** Additional Name Information
Position: 160
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:
Notes:

N2 is only used if an additional name is needed. Do not repeat the N102.

ISA Example: N2 * A Division of Acme General, Inc. ^

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
N201	93	Name Free-form name	M AN 1/60	M

Segment: **N3** Address Information
Position: 170
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:
Notes:

ISA Example: N3 * 123 Main Street ^

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
N301	166	Address Information Address information	M AN 1/55	M
N302	166	Address Information Address information	O AN 1/55	

Segment: **N4 Geographic Location**
Position: 180
Loop: N1 Optional
Level: Heading
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.
Semantic Notes:
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.
Notes:
 ISA Example: N4 * Geneva * WI * 55555 * US ^

Data Element Summary

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

Use the three digit alpha codes from ISO Country Code List 3166 (See the ISA eB Guideline).

Segment: **PER Administrative Communications Contact**
Position: 200
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To identify a person or office to whom administrative communications should be directed
Syntax Notes:

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

Semantic Notes:
Comments:
Notes:

ISA Example: PER * EG * Pat Smith * TE * 444-555-3333 * EM * msmith@domain.com ^

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
PER01	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named AT Material Safety Data Sheet Contact BD Buyer Name or Department CN General Contact EA EDI Coordinator EG Engineering SR Sales Representative or Department	M ID 2/2	M
PER02	93	Name Free-form name	O AN 1/60	
PER03	365	Communication Number Qualifier Code identifying the type of communication number CP Cellular Phone EM Electronic Mail EX Telephone Extension FX Facsimile NP Night Telephone TE Telephone	X ID 2/2	
PER04	364	Communication Number Complete communications number including country or area code when applicable	X AN 1/80	
PER05	365	Communication Number Qualifier Code identifying the type of communication number CP Cellular Phone EM Electronic Mail EX Telephone Extension FX Facsimile NP Night Telephone TE Telephone	X ID 2/2	
PER06	364	Communication Number Complete communications number including country or area code when applicable	X AN 1/80	
PER07	365	Communication Number Qualifier Code identifying the type of communication number CP Cellular Phone	X ID 2/2	

EM Electronic Mail
EX Telephone Extension
FX Facsimile
NP Night Telephone
TE Telephone

PER08

364

Communication Number

X AN 1/80

Complete communications number including country or area code when applicable

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.

Notes:

LIN02 / 04 / 06 / 08 / 10 / 12 / 14 / 16 are Limited Code Lists. LIN18 / 20 / 22 are Suggested Code Lists.

Send either the GTIN or the Vendor's Item Number in LIN02. This element is used to establish the primary item identification number for this trade item, to be used on all business transactions. Vendor's Item Number can be sent in LIN04 if not used in LIN02. Be reminded that only GTINs provide globally unique item identification in the open supply chain.

ISA Example: LIN * UP * 6141413637379 ^

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
LIN01	350	Assigned Identification	O AN 1/20	
		Alphanumeric characters assigned for differentiation within a transaction set		
		<i>A sequential number assigned to each LIN segment within the Transaction Set.</i>		
LIN02	235	Product/Service ID Qualifier	M ID 2/2	M
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		<i>Send either the GTIN or the Vendor's Item Number. This Element is used to establish the primary item identification number for this trade item, and is to be used on all business transactions. Be reminded that only GTIN's provide globally unique item identification in the open supply chain.</i>		
		<i>Use "VU Vendor's Basic Unit Number" to denote an EAN-8 GTIN in X12 Version 4010. Later versions of EDI will use "EO - EAN-8".</i>		
		EN	EAN-13 (GTIN-13)	
		UK	EAN/UCC-14 (GTIN-14)	
		A 14-digit GTIN starting with 1-9.		

		UP	UCC-12 (GTIN-12)		
		VN	Vendor's (Seller's) Item Number		
		VU	Vendor's Basic Unit Number		
			<i>Use for EAN-8 in Version 4010; later versions of EDI use "EO-EAN-8".</i>		
LIN03	234	Product/Service ID		M	AN 1/48 M
			Identifying number for a product or service		
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)		
		VN	Vendor's (Seller's) Item Number		
			<i>If not used in LIN02.</i>		
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)		
		BP	Buyer's Part 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)		
		DP	Discontinued Part Number		
			<i>If this item is a replacement for a Discontinued Item, use DP to indicate the old, discontinued item number.</i>		
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)		
		HD	International Harmonized Commodity Code		
			For customs authority purposes, the class and description of a subject part or material item per harmonized agreements on tariff commodity codes		
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)		
		CB	Buyer's Catalog Number		
LIN13	234	Product/Service ID		X	AN 1/48
			Identifying number for a product or service		
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)		
		CH	Country of Origin Code		
			<i>For Country of Origin, use "CH" in the Product / Service ID Qualifier and the three digit alpha codes from ISO Country Code List 3166 in the Product / Service ID.</i>		
LIN15	234	Product/Service ID		X	AN 1/48
			Identifying number for a product or service		
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)		

		UQ	United Nations (UN) Number (Dangerous Goods)		
LIN17	234	Product/Service ID		X	AN 1/48
		Identifying number for a product or service			
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)			
		B8	Batch Number		
		DR	Drawing Revision Number		
		EC	Engineering Change Level		
		MN	Model Number		
		SK	Stock Keeping Unit (SKU)		
LIN19	234	Product/Service ID		X	AN 1/48
		Identifying number for a product or service			
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)			
		B8	Batch Number		
		DR	Drawing Revision Number		
		EC	Engineering Change Level		
		MN	Model Number		
		SK	Stock Keeping Unit (SKU)		
LIN21	234	Product/Service ID		X	AN 1/48
		Identifying number for a product or service			
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)			
		B8	Batch Number		
		DR	Drawing Revision Number		
		EC	Engineering Change Level		
		MN	Model Number		
		SK	Stock Keeping Unit (SKU)		
LIN23	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
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:

Use only to communicate the Effective date if different than the Date at the Header Level.

ISA Example: DTM * 018 * 20060131 ^

Data Element Summary

Ref. <u>Des.</u>	Data <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 007 Effective 018 Available 278 Last Item Delivery The date the last item will be delivered to the customer 323 Replaced 604 Withdrawn	M ID 3/3	M
DTM02	373	Date Date expressed as CCYYMMDD	X DT 8/8	
DTM03	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)	X TM 4/8	
DTM04	623	Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow AD Alaska Daylight Time AS Alaska Standard Time AT Alaska Time CD Central Daylight Time CS Central Standard Time CT Central Time ED Eastern Daylight Time ES Eastern Standard Time ET Eastern Time GM Greenwich Mean Time HD Hawaii-Aleutian Daylight Time HS Hawaii-Aleutian Standard Time	O ID 2/2	

HT	Hawaii-Aleutian Time
LT	Local Time
MD	Mountain Daylight Time
MS	Mountain Standard Time
MT	Mountain Time
ND	Newfoundland Daylight Time
NS	Newfoundland Standard Time
NT	Newfoundland Time
PD	Pacific Daylight Time
PS	Pacific Standard Time
PT	Pacific Time
TD	Atlantic Daylight Time
TS	Atlantic Standard Time
TT	Atlantic Time
UT	Universal Time Coordinate

Segment: **CTB** Restrictions/Conditions
Position: 060
Loop: LIN Optional
Level: Detail
Usage: Optional
Max Use: 25
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.

Semantic Notes:
Comments:
Notes:

ISA Example: CTB * OR * * AP * 6 ^

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
CTB01	688	Restrictions/Conditions Qualifier Code identifying the type of restriction/condition NR Nonreturnable OR Ordering SP Special Order Only	M ID 2/2	M
		<i>This is a Made-to-Order custom item - additional specifications are needed to supply the item.</i>		
CTB02	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80	
CTB03	673	Quantity Qualifier Code specifying the type of quantity 57 Minimum Order Quantity 70 Maximum Order Quantity AP Order Quantity Multiple Product must be ordered in multiples of a number	X ID 2/2	
CTB04	380	Quantity Numeric value of quantity	X R 1/15	

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:

- 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:

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

Comments:

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

Notes:

ISA Example: PID * F * * * * Abrasive Belt ^

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
PID01	349	Item Description Type	M ID 1/1	M
		Code indicating the format of a description		
		F Free-form		
PID05	352	Description	X AN 1/80	
		A free-form description to clarify the related data elements and their content		

Segment: **PO4** Item Physical Details
Position: 100
Loop: LIN Optional
Level: Detail
Usage: Optional
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.

Semantic Notes:

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

Comments:

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

Notes:

ISA Examples:

A single item:
PO4 * * 1 * EA * G * 2 * LB ^

A case of 24 with no inner packs, SOLD AS A CASE:
PO4 * 24 * 1 * CA * G * 48 * LB ^

A single item that comes in a case of 24, SOLD AS AN EACH:
PO4 * 24 * 1 * EA * G * 2 * LB ^

A single item that comes in a case of 24 in 4 inner packs, 6 to an inner pack, SOLD AS AN EACH:
PO4 * 4 * 1 * EA * G * 2 * LB * * * * * 6 ^

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
PO401	356	Pack	O N0 1/6	

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

PO401 is either the quantity of Eaches or the number of Inner Packs.

If PO414 (Inner Pack) is greater than zero, then PO401 is the number of Inner Packs in the container and PO414 is the number of eaches in an inner pack. The number of eaches in the container is determined by multiplying PO14 times P0401.

If PO414 is not used, then PO401 is ALWAYS the total number of Eaches in the

container.

If a container has Inner Packs, it is not always necessary to convey that information. The sender may simply send the total number of eaches in the container, using PO401.

Examples:

<i>One Item in a carton</i>	<i>PO401 = 1</i>	<i>PO414 = Blank</i>
<i>12 Items in a carton</i>	<i>PO401 = 12</i>	<i>PO414 = Blank</i>
<i>2 Inner Packs, 6 Items per IP, 12 in all</i>	<i>PO401 = 2</i>	<i>PO414 = 6</i>

PO402	357	Size	X	R 1/8
		Size of supplier units in pack		
PO403	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		
		BF Board Feet		
		CA Case		
		EA Each		
		GA Gallon		
		KG Kilogram		
		LB Pound		
		OZ Ounce - Av		
		RL Roll		
PO405	187	Weight Qualifier	O	ID 1/2
		Code defining the type of weight		
		A3 Shippers Weight		
		G Gross Weight		
PO406	384	Gross Weight per Pack	X	R 1/9
		Numeric value of gross weight per pack		
		<i>If this is the Item, provide Gross Weight for the item and the immediate package. If this is the inner pack or the carton, provide the shipping weight, which includes the shipping carton.</i>		
PO407	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		
		Unit of Measure for Weight		
		GR Gram		
		KG Kilogram		
		LB Pound		
		OZ Ounce - Av		
PO408	385	Gross Volume per Pack	X	R 1/9
		Numeric value of gross volume per pack		
		<i>If this is the Item, provide Gross Volume for the item and the immediate package. If this is the inner pack or the carton, provide the shipping volume, which includes the shipping carton.</i>		
PO409	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		
		Unit of Measure for Volume		
		CC Cubic Centimeter		
		CI Cubic Inches		
PO414	810	Inner Pack	O	N0 1/6
		The number of eaches per inner container		

Segment: **LDT** Lead Time
Position: 140
Loop: LIN Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify lead time for availability of products and services
Syntax Notes:
Semantic Notes: 1 LDT04 is the effective date of lead time information.
Comments: 1 LDT02 is the quantity of unit of time periods.
Notes:

Provide only if different than the LDT at the Header Level.

ISA Example: LDT * AL * 10 * DA ^

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
LDT01	345	Lead Time Code Code indicating the time range AE From date of PO receipt to shipment AF From date of PO receipt to delivery AL From Date Of Purchase Order or Contract Receipt To Product Ready	M ID 2/2	M
LDT02	380	Quantity Numeric value of quantity	M R 1/15	M
LDT03	344	Unit of Time Period or Interval Code indicating the time period or interval DA Calendar Days DW Work Days HR Hours	M ID 2/2	M

Segment: **CTP Pricing Information**
Position: 170
Loop: CTP Optional
Level: Detail
Usage: Optional
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.

Semantic Notes:

- 1 CTP07 is a multiplier factor to arrive at a final discounted price. A multiplier of .90 would be the factor if a 10% discount is given.
- 2 CTP08 is the rebate amount.

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:

ISA Example: CTP * * WHL * 12.50 ^

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
CTP02	236	Price Identifier Code Code identifying pricing specification CON Contract Price DPR Discount Price GOV Government Price LPR List Price WHL Wholesale	X ID 3/3	
CTP03	212	Unit Price Price per unit of product, service, commodity, etc.	X R 1/17	

Segment: **DTM** Date/Time Reference
Position: 180
Loop: CTP Optional
Level: Detail
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.

Semantic Notes:
Comments:
Notes:

Date the pricing is in effect.

ISA Example: DTM * 007 * 20060813 ^

Data Element Summary

Ref. <u>Des.</u>	Data <u>Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 007 Effective 196 Start <i>Use only with "End" to denote a start and stop period, otherwise use "Effective".</i> 197 End	M ID 3/3	M
DTM02	373	Date Date expressed as CCYYMMDD <i>Unless otherwise noted in the DTM03, the effective time is 0:01 AM on the date given in DTM02.</i>	X DT 8/8	
DTM03	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)	X TM 4/8	
DTM04	623	Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow AD Alaska Daylight Time AS Alaska Standard Time AT Alaska Time CD Central Daylight Time CS Central Standard Time CT Central Time ED Eastern Daylight Time ES Eastern Standard Time ET Eastern Time GM Greenwich Mean Time HD Hawaii-Aleutian Daylight Time HS Hawaii-Aleutian Standard Time	O ID 2/2	

HT	Hawaii-Aleutian Time
LT	Local Time
MD	Mountain Daylight Time
MS	Mountain Standard Time
MT	Mountain Time
ND	Newfoundland Daylight Time
NS	Newfoundland Standard Time
NT	Newfoundland Time
PD	Pacific Daylight Time
PS	Pacific Standard Time
PT	Pacific Time
TD	Atlantic Daylight Time
TS	Atlantic Standard Time
TT	Atlantic Time
UT	Universal Time Coordinate

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.

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.

Notes:

This N1 Loop can be used to convey the Ship-From at the item level. Ship-from information at the line level over-rides the Ship-From indicated at the Header Level. Do not put the same data at both levels.

The ISA EDI Guidelines indicate the Country of Origin should be conveyed in the LIN Segment, not this N1.

ISA Example: N1 * SF * West Coast Warehouse * UL * 06044155532229 ^

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
N101	98	Entity Identifier Code	M ID 2/3	M
		Code identifying an organizational entity, a physical location, property or an individual		
		SF Ship From		
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		
		UL GS1 Global Location Number		
		A globally unique 13 digit code for the identification of a legal or physical location within the GS1 system.		
		<i>GS1 Global Location Number (GLN). See the ISA eB Guidelines for more information.</i>		
N104	67	Identification Code	X AN 2/80	
		Code identifying a party or other code		

Segment: **N2** Additional Name Information
Position: 240
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:
Notes:

N2 is only used if an additional name is needed. Do not repeat the N102.

ISA Example: N2 * Division of Acme General ^

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
N201	93	Name Free-form name	M AN 1/60	M

Segment: **N3** Address Information
Position: 250
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:
Notes:

ISA Example: N3 * 1234 Waterfront ^

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
N301	166	Address Information Address information	M AN 1/55	M
N302	166	Address Information Address information	O AN 1/55	

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.
Semantic Notes:
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.
Notes:
 ISA Example: N4 * San Francisco * CA * 88888 * US ^

Data Element Summary

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

Use the three digit alpha codes from ISO Country Code List 3166 (See the ISA eB Guideline).

Segment: **LFG** **Hazardous Information, Finished Goods**
Position: 300
Loop: LFG Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To describe hazardous material information for finished goods
Syntax Notes:
Semantic Notes: 1 LFG01 is the hazardous material shipping name.
Comments:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>	<u>Description</u>	<u>Attributes</u>	<u>Attributes</u>
LFG01	352	Description	M AN 1/80	M
		A free-form description to clarify the related data elements and their content		
LFG02	215	Hazardous Classification	M ID 1/30	M
		The hazardous classification corresponding to the shipping name of the hazardous commodity		
LFG03	277	UN/NA Identification Code	M ID 6/6	M
		Code identifying the hazardous material identification number as required by Title 49 of the code of Federal Regulations; UN/NA stands for United Nations/North America		
LFG04	218	Hazardous Placard Notation	M ID 14/40	M
		The placard notation corresponding to the hazard class of the hazardous commodity		
LFG05	254	Packing Group Code	O ID 1/3	
		Code indicating degree of danger in terms of Roman number I, II or III		
LFG06	1577	Hazardous Material Regulations Exception Code	O ID 1/1	
		Code indicating if an exception exists for a finished good from the shipping requirements of the hazardous material regulations and what that exception is		
		1 No Exception		
		2 Excepted, Ground Transport Less than Limited Quantity		
		3 Excepted, Ground Transport Less than Limited Quantity and Consumer Commodity (Other Regulated Materials - Group D (ORM-D))		

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.

Notes:

ISA Example: CTT * 125 ^

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
CTT01	354	Number of Line Items	M N0 1/6	M
Total number of line items in the transaction set				
<i>Number of LIN Segments.</i>				

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.

Notes:

ISA Example: SE * 1250 * 1 ^

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
SE01	96	Number of Included Segments	M N0 1/10	M
		Total number of segments included in a transaction set including ST and SE segments		
SE02	329	Transaction Set Control Number	M AN 4/9	M
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		