856 Ship Notice/Manifest

Functional Group D=SH

Introduction:

This X12 Transaction Set contains the format and establishes the data contents of the Ship Notice/Manifest Transaction Set (856) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to list the contents of a shipment of goods as well as additional information relating to the shipment, such as order information, product description, physical characteristics, type of packaging, marking, carrier information, and configuration of goods within the transportation equipment. The transaction set enables the sender to describe the contents and configuration of a shipment in various levels of detail and provides an ordered flexibility to convey information. The sender of this transaction is the organization responsible for detailing and communicating the contents of a shipment, or shipments, to one or more receivers of the transaction set. The receiver of this transaction set can be any organization having an interest in the contents of a shipment or information about the contents of a shipment.

Heading:

	Pos.	Seg.		Req.		Loop	Notes and
	<u>No.</u>	ID	Name	Des.	Max.Use	<u>Repeat</u>	Comments
М	0100	ST	Transaction Set Header	М	1		
М	0200	BSN	Beginning Segment for Ship Notice	М	1		
М	0400	DTM	Date/Time Reference	М	10		

Detail:

	Pos. <u>No.</u>	Seg. <u>ID</u>	<u>Name</u> LOOP ID - HL	Req. <u>Des.</u>	<u>Max.Use</u>	Loop <u>Repeat</u> 200000	Notes and <u>Comments</u>
М	0100	HL	Hierarchical Level	М	1	200000	c1
M	0200	LIN	Item Identification	M	1		C1
					1		
М	0300	SN1	Item Detail (Shipment)	М	1		
М	0500	PRF	Purchase Order Reference	М	1		
М	1100	TD1	Carrier Details (Quantity and Weight)	М	20		
М	1200	TD5	Carrier Details (Routing Sequence/Transit Time)	М	12		
М	1700	REF	Reference Information	М	1		
	1950	REF	Reference Information	0	1		
	2075	REF	Reference Information	0	1		
	2138	REF	Reference Information	0	1		
			LOOP ID - N1			200	
М	2200	N1	Party Identification	М	1		
	2300	N2	Additional Name Information	0	2		
М	2400	N3	Party Location	М	2		
М	2500	N4	Geographic Location	М	1		
			LOOP ID - N1			200	
М	2200	N1	Party Identification	М	1		
	2300	N2	Additional Name Information	0	2		
М	2400	N3	Party Location	М	2		
М	2500	N4	Geographic Location	М	1		
			LOOP ID - HL			200000	
М	0100	HL	Hierarchical Level	М	1		

М	0200	LIN	Item Identification	М	1	
М	0300	SN1	Item Detail (Shipment)	М	1	
	2075	REF	Reference Information	0	1	
			LOOP ID - HL			200000
М	0100	HL	Hierarchical Level	М	1	
М	0200	LIN	Item Identification	М	1	
М	0300	SN1	Item Detail (Shipment)	М	1	
	2075	REF	Reference Information	0	1	
			LOOP ID - HL			200000
М	0100	HL	Hierarchical Level	М	1	
М	0200	LIN	Item Identification	М	1	
М	0300	SN1	Item Detail (Shipment)	М	1	
	2075	REF	Reference Information	0	1	

Summary:

	Pos.	Seg.		Req.		Loop	Notes and
	<u>No.</u>	ID	<u>Name</u>	Des.	Max.Use	Repeat	Comments
М	0200	SE	Transaction Set Trailer	М	1		

Transaction Set Comments

1. The HL segment is the only mandatory segment within the HL loop, and by itself, the HL segment has no meaning.

ST Transaction Set Header

Segment:	ST Transaction Set Header
Position:	0100
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:	 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). The implementation convention reference (ST03) is used by the translation routines
	of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention

match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

Comments:

Business Rules: Variable Name: STST

	Ref. Des.	Data Element	Name	At	tributes
Μ	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set	M	1 ID 3/3
			856 Refer to 004060 Data Element Dictionary for acceptable cod	e values	5.
Μ	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the tra functional group assigned by the originator for a transaction s		1 AN 4/9 n set
М	ST03	1705	System Generated Implementation Convention Reference Reference assigned to identify Implementation Convention	М	1 AN 1/35

${f BSN}$ Beginning Segment for Ship Notice

Segment:	${f BSN}$ Beginning Segment for Ship Notice
Position:	0200
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To transmit identifying numbers, dates, and other basic data relating to the transaction set
Syntax Notes:	1 If BSN07 is present, then BSN06 is required.
Semantic Notes:	1 BSN03 is the date the shipment transaction set is created.
	2 BSN04 is the time the shipment transaction set is created.
	3 BSN06 is limited to shipment related codes.
Comments:	1 BSN06 and BSN07 differentiate the functionality of use for the transaction set.

			Data Element Summary			
М	Ref. <u>Des.</u> BSN01	Data <u>Element</u> 353	<u>Name</u> Transaction Set Purpose Code Code identifying purpose of transaction set	M Att	tribu 1	<u>ttes</u> ID 2/2
			00=Original 01=Cancellation 02=Add 03=Delete 04=Change 05=Replace CO=Corrected			
			Refer to 004060 Data Element Dictionary for acceptable code	e values	•	
Μ	BSN02	396	Shipment Identification A unique control number assigned by the original shipper to id shipment	M dentify		AN 2/30 cific
Μ	BSN03	373	Date Date expressed as CCYYMMDD where CC represents the first the calendar year YYYYMMDD	M st two d		DT 8/8 of
М	BSN04	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSSD, or HHMMSSDD, where $H =$ hours (00-23), $M =$ (00-59), $S =$ integer seconds (00-59) and $DD =$ decimal secon seconds are expressed as follows: $D =$ tenths (0-9) and $DD = I$ (00-99) HHMM	= minut ds; deci	ASS, tes imal	TM 4/8 or
	BSN05	1005	Hierarchical Structure Code	0	1	ID 4/4
			Code indicating the hierarchical application structure of a trar utilizes the HL segment to define the structure of the transacti Refer to 004060 Data Element Dictionary for acceptable code	ion set		hat
	BSN06	640	Transaction Type Code	X	1	ID 2/2
			Code specifying the type of transaction			
			Refer to 004060 Data Element Dictionary for acceptable code	e values		
	BSN07	641	Status Reason Code	0	1	ID 3/3
			Code indicating the status reason			
			Refer to 004060 Data Element Dictionary for acceptable code	e values	••	

Segment: **DTM** Date/Time Reference

Segment:	D L IVL Date/Time Reference				
Position:	0400				
Loop:					
Level: Heading					
Usage:	Mandatory				
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:					

Semantic Notes: Comments:

		-	Data Element Summary		
	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		<u>tributes</u>
Μ	DTM01	374		Μ	1 ID 3/3
			Code specifying type of date or time, or both date and time		
			011=SHIPPED		
			Refer to 004060 Data Element Dictionary for acceptable code	values	s.
	DTM02	373	Date	Χ	1 DT 8/8
			Date expressed as CCYYMMDD where CC represents the first the calendar year	t two c	ligits of
			YYYYMMDD Date the item was shipped		
	DTM03	337	Time	Χ	1 TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = (00-59), S = integer seconds (00-59) and DD = decimal second seconds are expressed as follows: D = tenths (0-9) and DD = h (00-99)	= minut ls; deci	tes imal
			HHMM Time the item was shipped		
	DTM04	623	Time Code	0	1 ID 2/2
			Code identifying the time. In accordance with International Sta Organization standard 8601, time can be specified by a + or - a in hours in relation to Universal Time Coordinate (UTC) time; restricted character, + and - are substituted by P and M in the c ET=Eastern Time CT=Central Time MT=Mountain Time PT=Pacific Time	and an since	indication + is a
			Refer to 004060 Data Element Dictionary for acceptable code	values	s.
	DTM05	1250	• •	X	1 ID 2/3
			Code indicating the date format, time format, or date and time	format	
			Refer to 004060 Data Element Dictionary for acceptable code		
	DTM06	1251	¥ 1	X	». 1 AN 1/35
	D 1 1100	1231			
			Expression of a date, a time, or range of dates, times or dates a	nd tim	es

Segment:	HL Hierarchical Level
Position:	0100
Loop:	HL Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To identify dependencies among and the content of hierarchically related groups of data segments
Syntax Notes: Semantic Notes:	
Comments:	1 The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
	The HL segment defines a top-down/left-right ordered structure.
	2 HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction s et. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each

- subsequent HL segment within the transaction.3 HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
- 4 HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
- 5 HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

	Ref.	Data	Data Element Summary			
	Des.	Element	Name	At	trib	utes
Μ	HL01	628	Hierarchical ID Number	Μ	1	AN 1/12
			A unique number assigned by the sender to identify a particular	lar data	seg	ment
			in a hierarchical structure			
			1			
	HL02	734	Hierarchical Parent ID Number	0	1	AN 1/12
			Identification number of the next higher hierarchical data seg segment being described is subordinate to BLANK	gment th	at tł	ne data
М	HL03	735	Hierarchical Level Code Code defining the characteristic of a level in a hierarchical st	M ructure	1	ID 1/2
			S = Shipment			
			I = Item			
			O = Order			
			P = Pack	· •		
			Refer to 004060 Data Element Dictionary for acceptable cod			
	HL04	736	Hierarchical Child Code	0	1	ID 1/1
			Code indicating if there are hierarchical child data segments level being described Refer to 004060 Data Element Dictionary for acceptable cod			to the

Segment:	LIN Item Identification
Position:	0200
Loop:	HL Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To specify basic item identification data
Syntax Notes:	1 If either LIN04 or LIN05 is present, then the other is required.
	2 If either LIN06 or LIN07 is present, then the other is required.
	3 If either LIN08 or LIN09 is present, then the other is required.
	4 If either LIN10 or LIN11 is present, then the other is required.
	5 If either LIN12 or LIN13 is present, then the other is required.
	6 If either LIN14 or LIN15 is present, then the other is required.
	7 If either LIN16 or LIN17 is present, then the other is required.
	8 If either LIN18 or LIN19 is present, then the other is required.
	9 If either LIN20 or LIN21 is present, then the other is required.
	10 If either LIN22 or LIN23 is present, then the other is required.
	11 If either LIN24 or LIN25 is present, then the other is required.
	12 If either LIN26 or LIN27 is present, then the other is required.
	13 If either LIN28 or LIN29 is present, then the other is required.
	14 If either LIN30 or LIN31 is present, then the other is required.
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.

	Ref.	Data	·		
	Des.	<u>Element</u>	<u>Name</u>	<u>Attri</u>	
Μ	LIN01	350	Assigned Identification M		AN 1/20
			Alphanumeric characters assigned for differentiation within a tra	nsactic	on set
Μ	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)		
			"VP" which stands for Vendor's (Seller) Part Number		
			Refer to 004060 Data Element Dictionary for acceptable code va	lues.	
Μ	LIN03	234	Product/Service ID M	1	AN 1/48
			Identifying number for a product or service		
			Product Number		
Μ	LIN04	235	Product/Service ID Qualifier M	1	ID 2/2
			Code identifying the type/source of the descriptive number used	in	
			Product/Service ID (234)		
			BP=Buyer's Part Number or PI= Purchaser's Item Number		
			Refer to 004060 Data Element Dictionary for acceptable code va	lues.	
Μ	LIN05	234	Product/Service ID M	1	AN 1/48
			Identifying number for a product or service		
			Buyer's Part Number		
X	LIN06	235	Product/Service ID Qualifier X	1	ID 2/2
			Refer to 004060 Data Element Dictionary for acceptable code va	lues.	
X	LIN07	234	Product/Service ID X	1	AN 1/48
X	LIN08	235	Product/Service ID Qualifier X	1	ID 2/2
			Refer to 004060 Data Element Dictionary for acceptable code va	lues.	
X	LIN09	234	Product/Service ID X	1	AN 1/48
X	LIN10	235	Product/Service ID Qualifier X	1	ID 2/2
			Refer to 004060 Data Element Dictionary for acceptable code va	lues.	
X	LIN11	234	Product/Service ID X	1	AN 1/48
X	LIN12	235	Product/Service ID Qualifier X	1	ID 2/2
SUPPLY856V	4060 (004060))	7	Augus	t 2, 2011

			Refer to 004060 Data Element Dictionary for acceptable co	de value	s.	
Χ	LIN13	234	Product/Service ID	X	1	AN 1/48
Х	LIN14	235	Product/Service ID Qualifier	Х	1	ID 2/2
			Refer to 004060 Data Element Dictionary for acceptable co	de value	s.	
Χ	LIN15	234	Product/Service ID	Х	1	AN 1/48
Х	LIN16	235	Product/Service ID Qualifier	Х	1	ID 2/2
			Refer to 004060 Data Element Dictionary for acceptable co	de value	s.	
Χ	LIN17	234	Product/Service ID	Х	1	AN 1/48
Х	LIN18	235	Product/Service ID Qualifier	Х	1	ID 2/2
			Refer to 004060 Data Element Dictionary for acceptable co	de value	s.	
Χ	LIN19	234	Product/Service ID	Х	1	AN 1/48
Х	LIN20	235	Product/Service ID Qualifier	Х	1	ID 2/2
			Refer to 004060 Data Element Dictionary for acceptable co	de value	s.	
Х	LIN21	234	Product/Service ID	Х	1	AN 1/48
Х	LIN22	235	Product/Service ID Qualifier	Х	1	ID 2/2
			Refer to 004060 Data Element Dictionary for acceptable co	de value	s.	
Χ	LIN23	234	Product/Service ID	Х	1	AN 1/48
Х	LIN24	235	Product/Service ID Qualifier	Х	-	ID 2/2
			Refer to 004060 Data Element Dictionary for acceptable co	de value	s.	
Х	LIN25	234	Product/Service ID	Х	1	AN 1/48
Х	LIN26	235	Product/Service ID Qualifier	Х		ID 2/2
			Refer to 004060 Data Element Dictionary for acceptable co	de value	s.	
Х	LIN27	234	Product/Service ID	Х	1	AN 1/48
Х	LIN28	235	Product/Service ID Qualifier	Х	1	ID 2/2
			Refer to 004060 Data Element Dictionary for acceptable co	de value	s.	
Х	LIN29	234	Product/Service ID	Х	1	AN 1/48
Х	LIN30	235	Product/Service ID Qualifier	Х	1	ID 2/2
			Refer to 004060 Data Element Dictionary for acceptable co	de value	s.	
Х	LIN31	234	Product/Service ID	Х	1	AN 1/48

Segment:	SN1 Item Detail (Shipment)
Position:	0300
Loop:	HL Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To specify line-item detail relative to shipment
Syntax Notes:	1 If either SN105 or SN106 is present, then the other is required.
Semantic Notes:	1 SN101 is the ship notice line-item identification.
	2 SN105 is quantity ordered.
Comments:	1 SN103 defines the unit of measurement for both SN102 and SN104.

			Data Element Summary			
	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>	Att	ribu	ites_
Μ	SN101	350	Assigned Identification	Μ	1	AN 1/20
			Alphanumeric characters assigned for differentiation within a	transact	tion	set
Μ	SN102	382	Number of Units Shipped	Μ	1	R 1/10
			Numeric value of units shipped in manufacturer's shipping un or transaction set	its for a	line	item
Μ	SN103	355	Unit or Basis for Measurement Code	Μ	1	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in			
			which a measurement has been taken			
			EA= Each			
			Refer to 004060 Data Element Dictionary for acceptable code	values.		
	SN104	646	Quantity Shipped to Date	0	1	R 1/15
			Number of units shipped to date			
	SN105	380	Quantity	Х	1	R 1/15
			Numeric value of quantity			
	SN106	355	Unit or Basis for Measurement Code	X	1	ID 2/2
			Code specifying the units in which a value is being expressed, which a measurement has been taken	, or man	ner	in
			Refer to 004060 Data Element Dictionary for acceptable code	values.		
	SN107	728	Returnable Container Load Make-Up Code	0	1	ID 1/2
			Code identifying the load make -up of the returnable container	s in the	ship	ment
			Refer to 004060 Data Element Dictionary for acceptable code	values.	,	
	SN108	668	Line Item Status Code	0	1	ID 2/2
			Code specifying the action taken by the seller on a line item rebuyer			the
			Refer to 004060 Data Element Dictionary for acceptable code	values.		

PRF Purchase Order Reference

Segment:	PRF Purchase Ord	ler Reference
Position:	0500	
Loop:	HL Mandatory	
Level:	Detail	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To provide reference to a	specific purchase order
Syntax Notes:		
Semantic Notes:	1 PRF04 is the date as	signed by the purchaser to purchase order.
Comments:		

Data Element Summary

М

	_				
Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>	-		<u>utes</u>
PRF01	324	Purchase Order Number	Μ	1	AN 1/22
		Identifying number for Purchase Order assigned by the order	rer/purc	hase	r
PRF02	328	Release Number	0	1	AN 1/30
		Number identifying a release against a Purchase Order previ the parties involved in the transaction	ously p	laced	l by
PRF03	327	Change Order Sequence Number	0	1	AN 1/8
		Number assigned by the orderer identifying a specific chang previously transmitted transaction set	e or rev	ision	to a
PRF04	373	Date	0	1	DT 8/8
		Date expressed as CCYYMMDD where CC represents the fit the calendar year	rst two	digit	s of
PRF05	350	Assigned Identification	0	1	AN 1/20
		Alphanumeric characters assigned for differentiation within	a transa	ctior	n set
PRF06	367	Contract Number	0	1	AN 1/30
		Contract number			
PRF07	92	Purchase Order Type Code	0	1	ID 2/2
		Code specifying the type of Purchase Order			
		Refer to 004060 Data Element Dictionary for acceptable cod	le value	s.	

Segment:	${f TD1}$ Carrier Details (Quantity and Weight)
Position:	1100
Loop:	HL Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	20
Purpose:	To specify the transportation details relative to commodity, weight, and quantity
Syntax Notes:	1 If TD101 is present, then TD102 is required.
	2 If TD103 is present, then TD104 is required.
	3 If TD106 is present, then TD107 is required.
	4 If either TD107 or TD108 is present, then the other is required.
	5 If either TD109 or TD110 is present, then the other is required.

Semantic Notes:

Comments:

	Ref.	Data	Dutu Element Summury			
	Des.	Element	<u>Name</u>	A +-	trik	outes
М	<u>Des.</u> TD101	<u>103</u>	Packaging Code	M		AN 3/5
IVI	10101	105	Code identifying the type of packaging; Part 1: Packaging For			AN 3/3
			Packaging Material; if the Data Element is used, then Part 1 is			auired
			BAG= Bag			1
			BBL= Barrel			
			BOX= Box			
			CAS= Case			
			CNT= Container			
			DRM= Drum			
			PCS= Pieces PCK= Package			
			PLT= Pallet			
			ROL= Roll			
			SHT= Sheet			
			SPL= Spool			
			TNK= Tank			
			Refer to 004060 Data Element Dictionary for acceptable code	e values		
Μ	TD102	80	Lading Quantity	Μ	1	N0 1/7
			Number of units (pieces) of the lading commodity			
	TD103	23	Commodity Code Qualifier	0	1	ID 1/1
			Code identifying the commodity coding system used for Com	modity	Co	de
			Refer to 004060 Data Element Dictionary for acceptable code	e values	5.	
	TD104	22	Commodity Code	Χ	1	AN 1/30
			Code describing a commodity or group of commodities			
	TD105	79	Lading Description	0	1	AN 1/50
			Description of an item as required for rating and billing purpo	oses		
	TD106	187	Weight Qualifier	0	1	ID 1/2
			Code defining the type of weight			
			G= Gross Weight			
			N= Actual Net Weight			
			Refer to 004060 Data Element Dictionary for acceptable code	e values	5.	
	TD107	81	Weight	X	1	R 1/10
			Numeric value of weight			
	TD108	355	Unit or Basis for Measurement Code	X	1	ID 2/2
			Code specifying the units in which a value is being expressed	, or mar	nne	r in
			which a measurement has been taken			
SUPPLY	Y856V4060 (004060))	11	Aus	gust	2. 2011

		LB= Pounds			
		OZ= Ounce- Av			
		TG= Gross Ton			
		Refer to 004060 Data Element Dictionary for acceptable cod	le value	es.	
TD109	183	Volume	Х	1	R 1/8
		Value of volumetric measure			
TD110	355	Unit or Basis for Measurement Code	Х	1	ID 2/2
		Code specifying the units in which a value is being expressed which a measurement has been taken Refer to 004060 Data Element Dictionary for acceptable code			r in

Segment:	TD5 Carrier Details (Routing Sequence/Transit Time)
Position:	1200
Loop:	HL Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	12
Purpose:	To specify the carrier and sequence of routing and provide transit time information
Syntax Notes:	1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.
	2 If TD502 is present, then TD503 is required.
	3 If TD507 is present, then TD508 is required.
	4 If TD510 is present, then TD511 is required.
	5 If TD513 is present, then TD512 is required.
	6 If TD514 is present, then TD513 is required.
	7 If TD515 is present, then TD512 is required.
Semantic Notes:	1 TD515 is the country where the service is to be performed.
Comments:	1 When specifying a routing sequence to be used for the shipment movement in lieu of
	specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

			Data Element Summary		
	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>	<u>Attr</u>	<u>ibutes</u>
Μ	TD501	133	Routing Sequence Code	М	1 ID 1/2
			Code describing the relationship of a carrier to a specific shipm	ent mo	vement
			В		
			Refer to 004060 Data Element Dictionary for acceptable code	values	
м	TD 502	((• •		1 10 1/2
Μ	TD502	66	Identification Code Qualifier		1 ID 1/2
			Code (67)	Identii	Ication
			2		
				1	
			Refer to 004060 Data Element Dictionary for acceptable code		
Μ	TD503	67		Μ	1 AN 2/80
			Code identifying a party or other code		
			CARRIER'S SCAC CODE		
Μ	TD504	91	Transportation Method/Type Code	М	1 ID 1/2
			Code specifying the method or type of transportation for the sh	ipment	
			A=Air		
			D=Parcel Post		
			E=Expedited Truck		
			M=Motor (common carrier)		
			LT=Less than truck load		
			X=Intermodal (Piggyback)		
			ZZ=Mutually Defined		
			Refer to 004060 Data Element Dictionary for acceptable code	values.	
	TD505	387	Routing	0	1 AN 1/35
			Free-form description of the routing or requested routing for sh	inment	or the
			originating carrier's identity	ipinein	, or the
			Description of the service level of the shipment. Examples (UP	S-GRC	UND.
			UPS-2ND DAY, UPS-NEXT DAY, MOTOR CARRIER, etc)		,
	TD506	368		X	1 ID 2/2
			Code indicating the status of an order or shipment or the dispos	sition o	fanv
			difference between the quantity ordered and the quantity shipp		•
			or transaction		
			Refer to 004060 Data Element Dictionary for acceptable code	values.	
	TD507	309	• •	0	1 ID 1/2
	10307	509	Location Qualifier	0	1 11/1/2

		Code identifying type of location			
		Refer to 004060 Data Element Dictionary for acceptable co	ode value	es.	
TD508	310	Location Identifier	X	1	AN 1/30
		Code which identifies a specific location			
TD509	731	Transit Direction Code	0	1	ID 2/2
		The point of origin and point of direction			
		Refer to 004060 Data Element Dictionary for acceptable co	ode value	es.	
TD510	732	Transit Time Direction Qualifier	0	1	ID 2/2
		Code specifying the value of time used to measure the trans	sit time		
		Refer to 004060 Data Element Dictionary for acceptable co	ode value	es.	
TD511	733	Transit Time	Х		R 1/4
		The numeric amount of transit time			
TD512	284	Service Level Code	0	1	ID 2/2
		Code indicating the level of transportation service or the bi	lling serv	vice o	offered
		by the transportation carrier	U		
		D1= Next Day			
		D2= Second Day			
		D3=Third Day			
		SG=Standard Ground			
		Refer to 004060 Data Element Dictionary for acceptable co			
TD513	284	Service Level Code	Х	-	ID 2/2
		Code indicating the level of transportation service or the bi	lling serv	vice o	offered
		by the transportation carrier			
		Refer to 004060 Data Element Dictionary for acceptable co	ode value		
TD514	284	Service Level Code	0	1	ID 2/2
		Code indicating the level of transportation service or the bi	lling serv	vice o	offered
		by the transportation carrier			
		Refer to 004060 Data Element Dictionary for acceptable co	ode value	es.	
TD515	26	Country Code	0	1	ID 2/3
		Code identifying the country			

BEE - T-formati

Segment:	REF Reference Information
Position:	1700
Loop:	HL Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To specify identifying information
Syntax Notes:	1 At least one of REF02 or REF03 is required.
	2 If either C04003 or C04004 is present, then the other is required.
	3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Comments:	-

Data Element Summary

Ref. Data Des. Element Name Attributes Μ REF01 128 **Reference Identification Qualifier** 1 ID 2/3 Μ Code qualifying the Reference Identification CN Refer to 004060 Data Element Dictionary for acceptable code values. Μ **REF02** 127 **Reference Identification** м 1 AN 1/50 Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Shipment Tracking Number Only one tracking number per 856 REF03 Х 352 Description 1 AN 1/80 A free-form description to clarify the related data elements and their content Х REF04 C040 **Reference Identifier** 0 1 To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier Х C04001 128 **Reference Identification Qualifier** Μ ID 2/3 Code qualifying the Reference Identification Refer to 004060 Data Element Dictionary for acceptable code values. Х 127 C04002 **Reference Identification** Μ AN 1/50 Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Х 128 Х C04003 **Reference Identification Qualifier** ID 2/3 Code qualifying the Reference Identification Refer to 004060 Data Element Dictionary for acceptable code values. Х 127 C04004 Х AN 1/50 **Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Х C04005 128 **Reference Identification Qualifier** Х ID 2/3 Code qualifying the Reference Identification Refer to 004060 Data Element Dictionary for acceptable code values. Х C04006 127 **Reference Identification** AN 1/50 Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment:	REF Reference Information
Position:	1950
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify identifying information
Syntax Notes:	1 At least one of REF02 or REF03 is required.
	2 If either C04003 or C04004 is present, then the other is required.
	3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes: Comments:	1 REF04 contains data relating to the value cited in REF02.
Notes:	UCC 128 for shipments with single tracking number and separate packages. Each separate package will need to have the UCC-128. EXCEPT FOR UPS Small Package or FedEx Single box shipments

	Ref.	Data	·			
	Des.	<u>Element</u>	<u>Name</u>	<u>A</u> 1	ttrib	<u>utes</u>
Μ	REF01	128	Reference Identification Qualifier	Μ	1	ID 2/3
			Code qualifying the Reference Identification			
			LS= Container ID: on the container label			
			Refer to 004060 Data Element Dictionary for acceptable cod	e value	s.	
Μ	REF02	127	Reference Identification	Μ		AN 1/50
			Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier UCC 128	1 Set or	as	
	REF03	352	Description	X	1	AN 1/80
		001	A free-form description to clarify the related data elements an		-	
X	REF04	C040	Reference Identifier	0	1	tent
28	KEI 04	0.040	To identify one or more reference numbers or identification r	-	_	
			specified by the Reference Qualifier	lumber	5 45	
Χ	C04001	128	Reference Identification Qualifier	Μ		ID 2/3
			Code qualifying the Reference Identification			
			Refer to 004060 Data Element Dictionary for acceptable cod	e value	s.	
Χ	C04002	127	Reference Identification	Μ		AN 1/50
			Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier	1 Set or	as	
Χ	C04003	128	Reference Identification Qualifier	X		ID 2/3
			Code qualifying the Reference Identification			
			Refer to 004060 Data Element Dictionary for acceptable cod	e value	s.	
Χ	C04004	127	Reference Identification	X		AN 1/50
			Reference information as defined for a particular Transaction	1 Set or	as	
			specified by the Reference Identification Qualifier			
Х	C04005	128	Reference Identification Qualifier	Х		ID 2/3
			Code qualifying the Reference Identification			
			Refer to 004060 Data Element Dictionary for acceptable cod	e value	s.	
Χ	C04006	127	Reference Identification	Х		AN 1/50
			Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier	I Set or	as	

REF Reference Information Segment: **Position:** 2075 Loop: HL Mandatory Level: Detail Usage: Optional Max Use: 1 To specify identifying information **Purpose:** Syntax Notes: At least one of REF02 or REF03 is required. 1 If either C04003 or C04004 is present, then the other is required. 2 If either C04005 or C04006 is present, then the other is required. 3

Semantic Notes: Comments: 1

Data Element Summary

REF04 contains data relating to the value cited in REF02.

	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			utes
Μ	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification	Μ	1	ID 2/3
			PK=Packing List Number			
			Refer to 004060 Data Element Dictionary for acceptable code	e values	5.	
Μ	REF02	127	Reference Identification	Μ		AN 1/50
			Reference information as defined for a particular Transaction	Set or a	as	
			specified by the Reference Identification Qualifier			
			Packing List Number			
	REF03	352	Description	Х		AN 1/80
			A free-form description to clarify the related data elements an	id their	con	tent
Х	REF04	C040	Reference Identifier	0	1	
			To identify one or more reference numbers or identification n specified by the Reference Qualifier	umbers	as	
X	C04001	128	Reference Identification Qualifier	Μ		ID 2/3
			Code qualifying the Reference Identification			
			Refer to 004060 Data Element Dictionary for acceptable code	e values	5.	
X	C04002	127	Reference Identification	Μ		AN 1/50
			Reference information as defined for a particular Transaction	Set or ;	as	
			specified by the Reference Identification Qualifier			
X	C04003	128	Reference Identification Qualifier	Х		ID 2/3
			Code qualifying the Reference Identification			
			Refer to 004060 Data Element Dictionary for acceptable code	e values	.	
Х	C04004	127	Reference Identification	Х		AN 1/50
			Reference information as defined for a particular Transaction	Set or a	as	
			specified by the Reference Identification Qualifier			
X	C04005	128	Reference Identification Qualifier	X		ID 2/3
			Code qualifying the Reference Identification			
			Refer to 004060 Data Element Dictionary for acceptable code	e values	÷.	
Х	C04006	127	Reference Identification	Х		AN 1/50
			Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier	Set or a	as	

DFF D.C. -- Informati

Segment:	REF Reference Information
Position:	2138
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify identifying information
Syntax Notes:	1 At least one of REF02 or REF03 is required.
	2 If either C04003 or C04004 is present, then the other is required.
	3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Comments:	-

Data Element Summary

Ref. Data Des. Element Name Attributes Μ REF01 128 **Reference Identification Qualifier** 1 ID 2/3 Μ Code qualifying the Reference Identification BM= BOL # Refer to 004060 Data Element Dictionary for acceptable code values. REF02 127 **Reference Identification** х 1 AN 1/50 Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier BOL # REF03 352 Description Х 1 AN 1/80 A free-form description to clarify the related data elements and their content Х **REF04** C040 **Reference Identifier** 0 1 To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier **Reference Identification Qualifier** Х C04001 128 Μ ID 2/3 Code qualifying the Reference Identification Refer to 004060 Data Element Dictionary for acceptable code values. Х C04002 127 AN 1/50 **Reference Identification** Μ Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Х C04003 128 **Reference Identification Qualifier** Х ID 2/3 Code qualifying the Reference Identification Refer to 004060 Data Element Dictionary for acceptable code values. Х C04004 127 **Reference Identification** AN 1/50 Х Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Х Х C04005 128 **Reference Identification Qualifier** ID 2/3 Code qualifying the Reference Identification Refer to 004060 Data Element Dictionary for acceptable code values. Х C04006 127 **Reference Identification** Х AN 1/50 Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment:	N1 Party Identification
Position:	2200
Loop:	N1 Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
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.N105 and N106 further define the type of entity in N101.

			Data Element Summary			
	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>	A	ttrib	<u>outes</u>
Μ	N101	98	Entity Identifier Code	Μ	1	ID 2/3
			Code identifying an organizational entity, a physical location individual	, prope	rty c	or an
			SF= Ship From			
			Refer to 004060 Data Element Dictionary for acceptable cod	e value	s.	
Μ	N102	93	Name	Μ	1	AN 1/60
			Free-form name			
Χ	N103	66	Identification Code Qualifier	X	1	ID 1/2
			Refer to 004060 Data Element Dictionary for acceptable cod	e value	s.	
X	N104	67	Identification Code	X	1	AN 2/80
Χ	N105	706	Entity Relationship Code	0	1	ID 2/2
			Refer to 004060 Data Element Dictionary for acceptable cod	e value	s.	
X	N106	98	Entity Identifier Code	0	1	ID 2/3
			Refer to 004060 Data Element Dictionary for acceptable cod	e value	s.	

Segment: N2 Additional Name Information

Segment:	1 Additional Name Informa
Position:	2300
Loop:	N1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	2
Purpose:	To specify additional names
Syntax Notes:	
Semantic Notes:	
Comments:	

			Data Element Summary		
	Ref. <u>Des.</u>	Data <u>Element</u>	Name		tributes_
Μ	N201	93	Name	Μ	1 AN 1/60
			Free-form name		
			Use for additional Sender's name information.		
	N202	93	Name	0	1 AN 1/60
			Free-form name		
			Use for additional Sender's name information.		

Segment:N3 Party LocationPosition:2400Loop:N1MandatoryDetailUsage:MandatoryMax Use:2Purpose:To specify the location of the named partySyntax Notes:Semantic Notes:Comments:Value

Data Element Summary

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

SUPPLY856V4060 (004060)

Segment:	N4 Geographic Location
Position:	2500
Loop:	N1 Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	1 Only one of N402 or N407 may be present.
	2 If N406 is present, then N405 is required.
	3 If N407 is present, then N404 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.

	Ref.	Data				
	Des.	Element	<u>Name</u>	At	trib	outes
Μ	N401	19	City Name	Μ	1	AN 2/30
			Free-form text for city name			
Μ	N402	156	State or Province Code	Μ	1	ID 2/2
			Code (Standard State/Province) as defined by appropriate go	vernme	nt ag	gency
			Two letter state abbreviation.			
Μ	N403	116	Postal Code	Μ	1	ID 3/15
			Code defining international postal zone code excluding punc (zip code for United States) 3 to 15 alphanumeric zip code	tuation	and	blanks
Μ	N404	26	Country Code Code identifying the country	М	1	ID 2/3
			2 or 3 country code			
	N405	309	Location Qualifier	X	1	ID 1/2
			Code identifying type of location			
			Refer to 004060 Data Element Dictionary for acceptable cod	le value	s.	
	N406	310	Location Identifier	0	1	AN 1/30
			Code which identifies a specific location			
	N407	1715	Country Subdivision Code	X	1	ID 1/3
			Code identifying the country subdivision			

Segment:	N1 Party Identification					
Position:	2200					
Loop:	N1 Mandatory					
Level:	Detail					
Usage:	Mandatory					
Max Use:	1					
Purpose:	To identify a party by type of organization, name, and code					
Syntax Notes:	1 At least one of N102 or N103 is required.					
	2 If either N103 or N104 is present, then the other is required.					
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.N105 and N106 further define the type of entity in N101.

			Data Element Summary		
	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>	<u>Att</u>	<u>ributes</u>
Μ	N101	98	Entity Identifier Code	Μ	1 ID 2/3
			Code identifying an organizational entity, a physical location individual	, propert	y or an
			ST=Ship To		
			CN=Consignee		
			UC=Ultimate Consignee		
			Refer to 004060 Data Element Dictionary for acceptable code	e values.	
Μ	N102	93	Name	Μ	1 AN 1/60
			Free-form name		
X	N103	66	Identification Code Qualifier	X	1 ID 1/2
			Refer to 004060 Data Element Dictionary for acceptable code	e values.	
Χ	N104	67	Identification Code	Χ	1 AN 2/80
Χ	N105	706	Entity Relationship Code	0	1 ID 2/2
			Refer to 004060 Data Element Dictionary for acceptable code	e values.	
X	N106	98	Entity Identifier Code	0	1 ID 2/3
			Refer to 004060 Data Element Dictionary for acceptable code	e values.	

Segment: N2 Additional Name Information

Segment:	1 Additional Name Informa
Position:	2300
Loop:	N1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	2
Purpose:	To specify additional names
Syntax Notes:	
Semantic Notes:	
Comments:	

			Data Element Summary		
М	Ref. <u>Des.</u> N201	Data <u>Element</u> 93	<u>Name</u> Name	<u>Аt</u> М	<u>tributes</u> 1 AN 1/60
			Free-form name Use for additional Sender's name information.		
	N202	93	Name	0	1 AN 1/60
			Free-form name		
			Use for additional Sender's name information.		

Segment:N3 Party LocationPosition:2400Loop:N1MandatoryDetailUsage:MandatoryMax Use:2Purpose:To specify the location of the named partySyntax Notes:Semantic Notes:Comments:Value

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

Segment:	N4 Geographic Location
Position:	2500
Loop:	N1 Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	1 Only one of N402 or N407 may be present.
	2 If N406 is present, then N405 is required.
	3 If N407 is present, then N404 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.

	Ref.	Data				
	Des.	Element	<u>Name</u>	<u>A</u> 1	ttrib	utes
Μ	N401	19	City Name	Μ	1	AN 2/30
			Free-form text for city name			
Μ	N402	156	State or Province Code	Μ	1	ID 2/2
			Code (Standard State/Province) as defined by appropriate go	vernme	nt ag	gency
			Two letter state abbreviation.			
Μ	N403	116	Postal Code	Μ	1	ID 3/15
			Code defining international postal zone code excluding punc (zip code for United States) 3 to 15 alphanumeric zip code	tuation	and	blanks
Μ	N404	26	Country Code Code identifying the country	М	1	ID 2/3
			2 or 3 country code			
	N405	309	Location Qualifier	Х	1	ID 1/2
			Code identifying type of location			
			Refer to 004060 Data Element Dictionary for acceptable cod	le value	s.	
	N406	310	Location Identifier	0	1	AN 1/30
	11100	010	Code which identifies a specific location	U	-	121 (2/00
	N/407	1715	-	X	1	ID 1/3
	N407	1715	Country Subdivision Code	Λ	1	ID 1/3
			Code identifying the country subdivision			

Segment:	HL Hierarchical Level				
Position:	0100				
Loop:	HL Mandatory				
Level:	Detail				
Usage:	Mandatory				
Max Use:	1				
Purpose:	To identify dependencies among and the content of hierarchically related groups of data segments				
Syntax Notes: Semantic Notes:					
Comments:	1 The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.				
	The HL segment defines a top-down/left-right ordered structure.				
	2 HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each				

- subsequent HL segment within the transaction.3 HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
- 4 HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
- 5 HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Data Element Sun	ımary
------------------	-------

	Ref.	Data	v			
	Des.	<u>Element</u>	<u>Name</u>	Att	rib	<u>utes</u>
Μ	HL01	628	Hierarchical ID Number	Μ	1	AN 1/12
			A unique number assigned by the sender to identify a particular in a hierarchical structure	ar data s	segi	nent
			2			
	HL02	734	Hierarchical Parent ID Number	0	1	AN 1/12
			Identification number of the next higher hierarchical data segn segment being described is subordinate to	nent tha	ıt th	e data
М	HL03	735	Hierarchical Level Code	Μ	1	ID 1/2
IVI	111.05	nL03 735	Code defining the characteristic of a level in a hierarchical stru		I	ID 1/2
			S = Shipment			
			I = Item			
			O = Order $P = Pack$			
			Refer to 004060 Data Element Dictionary for acceptable code	valuas		
		=24	• •			ID 1/1
	HL04	736	Hierarchical Child Code	0	I	ID 1/1
			Code indicating if there are hierarchical child data segments s level being described			to the
			Refer to 004060 Data Element Dictionary for acceptable code	values.		

Segment:	LIN Item Identification					
Position:	0200					
Loop:	HL Mandatory					
Level:	Detail					
Usage:	Mandatory					
Max Use:	1					
Purpose:	To specify basic item identification data					
Syntax Notes:	1 If either LIN04 or LIN05 is present, then the other is required.					
	2 If either LIN06 or LIN07 is present, then the other is required.					
	3 If either LIN08 or LIN09 is present, then the other is required.					
	4 If either LIN10 or LIN11 is present, then the other is required.					
	5 If either LIN12 or LIN13 is present, then the other is required.					
	6 If either LIN14 or LIN15 is present, then the other is required.					
	7 If either LIN16 or LIN17 is present, then the other is required.					
	8 If either LIN18 or LIN19 is present, then the other is required.					
	9 If either LIN20 or LIN21 is present, then the other is required.					
	10 If either LIN22 or LIN23 is present, then the other is required.					
	11 If either LIN24 or LIN25 is present, then the other is required.					
	12 If either LIN26 or LIN27 is present, then the other is required.					
	13 If either LIN28 or LIN29 is present, then the other is required.					
	14 If either LIN30 or LIN31 is present, then the other is required.					
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.					

	Ref.	Data	·			
	Des.	<u>Element</u>	<u>Name</u>			<u>utes</u>
Μ	LIN01	350				AN 1/20
			Alphanumeric characters assigned for differentiation within a transmission of the second seco	ransacti	ior	i set
Μ	LIN02	235		М	1	ID 2/2
			Code identifying the type/source of the descriptive number use	d in		
			Product/Service ID (234)			
			"VP" which stands for Vendor's (Seller) Part Number			
			Refer to 004060 Data Element Dictionary for acceptable code	values.		
Μ	LIN03	234	Product/Service ID	Μ	1	AN 1/48
			Identifying number for a product or service			
			Product Number			
Μ	LIN04	235	Product/Service ID Qualifier	М	1	ID 2/2
			Code identifying the type/source of the descriptive number use	d in		
			Product/Service ID (234)			
			BP=Buyer's Part Number or PI= Purchaser's Item Number			
			Refer to 004060 Data Element Dictionary for acceptable code	values.		
Μ	LIN05	234	Product/Service ID	М	1	AN 1/48
			Identifying number for a product or service			
			Buyer's Part Number			
X	LIN06	235	Product/Service ID Qualifier	X	1	ID 2/2
			Refer to 004060 Data Element Dictionary for acceptable code	values.		
X	LIN07	234	Product/Service ID	X	1	AN 1/48
X	LIN08	235	Product/Service ID Qualifier	X	1	ID 2/2
			Refer to 004060 Data Element Dictionary for acceptable code	values.		
X	LIN09	234	Product/Service ID	X	1	AN 1/48
X	LIN10	235	Product/Service ID Qualifier	X	1	ID 2/2
			Refer to 004060 Data Element Dictionary for acceptable code	values.		
X	LIN11	234	Product/Service ID	X	1	AN 1/48
X	LIN12	235	Product/Service ID Qualifier	X	1	ID 2/2
SUPPLY856V	/4060 (004060)	28	Augu	ıst	2, 2011

			Refer to 004060 Data Element Dictionary for acceptable co	ode value	s.			
X	LIN13	234	Product/Service ID	X	1	AN 1/48		
Х	LIN14	235	Product/Service ID Qualifier	Х	1	ID 2/2		
			Refer to 004060 Data Element Dictionary for acceptable code values.					
Х	LIN15	234	Product/Service ID	X	1	AN 1/48		
Χ	LIN16	235	Product/Service ID Qualifier	Χ	1	ID 2/2		
			Refer to 004060 Data Element Dictionary for acceptable co	ode value	s.			
Х	LIN17	234	Product/Service ID	Х	1	AN 1/48		
Х	LIN18	235	Product/Service ID Qualifier	Х		ID 2/2		
			Refer to 004060 Data Element Dictionary for acceptable co	ode value	s.			
Χ	LIN19	234	Product/Service ID	Х		AN 1/48		
Х	LIN20	235	Product/Service ID Qualifier	X		ID 2/2		
			Refer to 004060 Data Element Dictionary for acceptable co	ode value	s.			
Χ	LIN21	234	Product/Service ID	Х	1	AN 1/48		
Х	LIN22	235	Product/Service ID Qualifier	Х		ID 2/2		
			Refer to 004060 Data Element Dictionary for acceptable co	ode value	s.			
X	LIN23	234	Product/Service ID	X		AN 1/48		
Х	LIN24	235	Product/Service ID Qualifier	X	-	ID 2/2		
			Refer to 004060 Data Element Dictionary for acceptable co		s.			
Х	LIN25	234	Product/Service ID	Х		AN 1/48		
X	LIN26	235	Product/Service ID Qualifier	X		ID 2/2		
			Refer to 004060 Data Element Dictionary for acceptable co					
X	LIN27	234	Product/Service ID	X		AN 1/48		
X	LIN28	235	Product/Service ID Qualifier	X		ID 2/2		
			Refer to 004060 Data Element Dictionary for acceptable co					
X	LIN29	234	Product/Service ID	X		AN 1/48		
X	LIN30	235	Product/Service ID Qualifier	X		ID 2/2		
			Refer to 004060 Data Element Dictionary for acceptable co					
Х	LIN31	234	Product/Service ID	Х	1	AN 1/48		

Segment:	SN1 Item Detail (Shipment)
Position:	0300
Loop:	HL Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To specify line-item detail relative to shipment
Syntax Notes:	1 If either SN105 or SN106 is present, then the other is required.
Semantic Notes:	1 SN101 is the ship notice line-item identification.
	2 SN105 is quantity ordered.
Comments:	1 SN103 defines the unit of measurement for both SN102 and SN104.

			Data Element Summary				
	Ref.	Data					
	Des.	<u>Element</u>	<u>Name</u>	<u>Attributes</u>			
Μ	SN101	350	Assigned Identification	Μ	1	AN 1/20	
			Alphanumeric characters assigned for differentiation within a	transact	tion	set	
Μ	SN102	382	Number of Units Shipped	Μ	1	R 1/10	
			Numeric value of units shipped in manufacturer's shipping un or transaction set	its for a	line	item	
Μ	SN103	355	Unit or Basis for Measurement Code	Μ	1	ID 2/2	
			Code specifying the units in which a value is being expressed, or manner in				
			which a measurement has been taken				
			EA= Each				
			Refer to 004060 Data Element Dictionary for acceptable code values.				
	SN104	646	Quantity Shipped to Date	0	1	R 1/15	
			Number of units shipped to date				
	SN105	380	Quantity	Х	1	R 1/15	
			Numeric value of quantity				
	SN106	355	Unit or Basis for Measurement Code	X	1	ID 2/2	
			Code specifying the units in which a value is being expressed, which a measurement has been taken	, or man	ner	in	
			Refer to 004060 Data Element Dictionary for acceptable code	values.			
	SN107	728	Returnable Container Load Make-Up Code	0	1	ID 1/2	
			Code identifying the load make -up of the returnable container	s in the	ship	ment	
			Refer to 004060 Data Element Dictionary for acceptable code	e code values.			
	SN108	668	Line Item Status Code	0	1	ID 2/2	
			Code specifying the action taken by the seller on a line item rebuyer			the	
			Refer to 004060 Data Element Dictionary for acceptable code	values.			

Segment: REF Reference Information Position: 2075 Loop: HL Mandatory Level: Detail Usage: Optional Max Use: 1 Purpose: To specify identifying information

Syntax Notes: 1 At least one of REF02 or REF03 is required.

- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.

Comments:

	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			utes
Μ	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification	Μ	1	ID 2/3
			LS= Container ID: on the container label			
			Refer to 004060 Data Element Dictionary for acceptable code	e values		
Μ	REF02	127	Reference Identification	Μ		AN 1/50
			Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier UCC 128	Set or a	as	_
	REF03	352	Description	X	1	AN 1/80
	KEI 05	554	A free-form description to clarify the related data elements an			
X	REF04	C040	Reference Identifier	0	1	tent
Λ	KLT 04	C040	To identify one or more reference numbers or identification n	U	_	
			specified by the Reference Qualifier	unioers	as	
X	C04001	128	Reference Identification Qualifier	Μ		ID 2/3
			Code qualifying the Reference Identification			
			Refer to 004060 Data Element Dictionary for acceptable code	e values		
X	C04002	127	Reference Identification	Μ		AN 1/50
			Reference information as defined for a particular Transaction	Set or a	as	
			specified by the Reference Identification Qualifier			
Х	C04003	128	Reference Identification Qualifier	X		ID 2/3
			Code qualifying the Reference Identification			
			Refer to 004060 Data Element Dictionary for acceptable code			
X	C04004	127	Reference Identification	Х		AN 1/50
			Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier	Set or a	as	
Х	C04005	128	Reference Identification Qualifier	Х		ID 2/3
			Code qualifying the Reference Identification			
			Refer to 004060 Data Element Dictionary for acceptable code	e values		
X	C04006	127	Reference Identification	Х		AN 1/50
			Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier	Set or a	as	

Segment:	HL Hierarchical Level
Position:	0100
Loop:	HL Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To identify dependencies among and the content of hierarchically related groups of data segments
Syntax Notes: Semantic Notes:	
Comments:	1 The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
	The HL segment defines a top-down/left-right ordered structure.
	2 HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each

- HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
- 5 HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

3 HL02 identifies the hierarchical ID number of the HL segment to which the current

segment up to the next occurrence of an HL segment in the transaction. For example,

4 HL03 indicates the context of the series of segments following the current HL

			Data Element Summary				
	Ref.	Data					
	Des.	<u>Element</u>	<u>Name</u>	At	trib	utes	
Μ	HL01	628	Hierarchical ID Number	Μ	1	AN 1/12	
			A unique number assigned by the sender to identify a particu	lar data	seg	ment	
			in a hierarchical structure				
			3				
	HL02	734	Hierarchical Parent ID Number	0	1	AN 1/12	
			Identification number of the next higher hierarchical data seg segment being described is subordinate to 1	gment th	at tl	ne data	
Μ	HL03	735	Hierarchical Level Code Code defining the characteristic of a level in a hierarchical st	M ructure	1	ID 1/2	
			S = Shipment I = Item O = Order P = Pack				
			Refer to 004060 Data Element Dictionary for acceptable cod	e value:	s.		
	HL04	736	Hierarchical Child Code	0		ID 1/1	
			Code indicating if there are hierarchical child data segments subordinate to the level being described Refer to 004060 Data Element Dictionary for acceptable code values.				

Data Element S

subsequent HL segment within the transaction.

HL segment is subordinate.

Segment:	LIN Item Identification							
Position:	0200							
Loop:	HL Mandatory							
Level:	Detail							
Usage:	Mandatory							
Max Use:	1							
Purpose:	To specify basic item identification data							
Syntax Notes:	1 If either LIN04 or LIN05 is present, then the other is required.							
·	2 If either LIN06 or LIN07 is present, then the other is required.							
	3 If either LIN08 or LIN09 is present, then the other is required.							
	4 If either LIN10 or LIN11 is present, then the other is required.							
	5 If either LIN12 or LIN13 is present, then the other is required.							
	6 If either LIN14 or LIN15 is present, then the other is required.							
	7 If either LIN16 or LIN17 is present, then the other is required.							
	8 If either LIN18 or LIN19 is present, then the other is required.							
	9 If either LIN20 or LIN21 is present, then the other is required.							
	10 If either LIN22 or LIN23 is present, then the other is required.							
	11 If either LIN24 or LIN25 is present, then the other is required.							
	12 If either LIN26 or LIN27 is present, then the other is required.							
	13 If either LIN28 or LIN29 is present, then the other is required.							
	14 If either LIN30 or LIN31 is present, then the other is required.							
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.							

	Ref.	Data	·			
	Des.	<u>Element</u>	<u>Name</u>	Attr		
Μ	LIN01	350	Assigned Identification N	-		AN 1/20
			Alphanumeric characters assigned for differentiation within a tra-	ansacti	ior	i set
Μ	LIN02	235	Product/Service ID Qualifier M	1	1	ID 2/2
			Code identifying the type/source of the descriptive number used	lin		
			Product/Service ID (234)			
			"VP" which stands for Vendor's (Seller) Part Number			
			Refer to 004060 Data Element Dictionary for acceptable code v	alues.		
Μ	LIN03	234	Product/Service ID N	1	1	AN 1/48
			Identifying number for a product or service			
			Product Number			
Μ	LIN04	235	Product/Service ID Qualifier N	1	1	ID 2/2
			Code identifying the type/source of the descriptive number used	lin		
			Product/Service ID (234)			
			BP=Buyer's Part Number or PI= Purchaser's Item Number			
			Refer to 004060 Data Element Dictionary for acceptable code v	alues.		
Μ	LIN05	234	Product/Service ID N	1	1	AN 1/48
			Identifying number for a product or service			
			Buyer's Part Number			
X	LIN06	235	Product/Service ID Qualifier X	[1	ID 2/2
			Refer to 004060 Data Element Dictionary for acceptable code v	alues.		
X	LIN07	234	Product/Service ID X	2	1	AN 1/48
X	LIN08	235	Product/Service ID Qualifier X	2	1	ID 2/2
			Refer to 004060 Data Element Dictionary for acceptable code v	alues.		
X	LIN09	234	Product/Service ID X		1	AN 1/48
X	LIN10	235	Product/Service ID Qualifier X		1	ID 2/2
			Refer to 004060 Data Element Dictionary for acceptable code v	alues.		
X	LIN11	234	Product/Service ID X	2	1	AN 1/48
X	LIN12	235	Product/Service ID Qualifier X	2	1	ID 2/2
SUPPLY856	4060 (004060)	33	Augu	ıst	2, 2011

			Refer to 004060 Data Element Dictionary for acceptable co	ode value	s.			
X	LIN13	234	Product/Service ID	X	1	AN 1/48		
Х	LIN14	235	Product/Service ID Qualifier	Х	1	ID 2/2		
			Refer to 004060 Data Element Dictionary for acceptable code values.					
Х	LIN15	234	Product/Service ID	Х	1	AN 1/48		
Χ	LIN16	235	Product/Service ID Qualifier	Х	1	ID 2/2		
			Refer to 004060 Data Element Dictionary for acceptable co	ode value	s.			
Х	LIN17	234	Product/Service ID	Х	1	AN 1/48		
Х	LIN18	235	Product/Service ID Qualifier	Х		ID 2/2		
			Refer to 004060 Data Element Dictionary for acceptable co	ode value	s.			
Χ	LIN19	234	Product/Service ID	Х		AN 1/48		
Х	LIN20	235	Product/Service ID Qualifier	X		ID 2/2		
			Refer to 004060 Data Element Dictionary for acceptable co	ode value	s.			
X	LIN21	234	Product/Service ID	Х	1	AN 1/48		
Х	LIN22	235	Product/Service ID Qualifier	Х		ID 2/2		
			Refer to 004060 Data Element Dictionary for acceptable co	ode value	s.			
Х	LIN23	234	Product/Service ID	X		AN 1/48		
Х	LIN24	235	Product/Service ID Qualifier	X	-	ID 2/2		
			Refer to 004060 Data Element Dictionary for acceptable co		s.			
Х	LIN25	234	Product/Service ID	Х		AN 1/48		
X	LIN26	235	Product/Service ID Qualifier	X		ID 2/2		
			Refer to 004060 Data Element Dictionary for acceptable co					
X	LIN27	234	Product/Service ID	X		AN 1/48		
X	LIN28	235	Product/Service ID Qualifier	X		ID 2/2		
			Refer to 004060 Data Element Dictionary for acceptable co					
X	LIN29	234	Product/Service ID	X		AN 1/48		
X	LIN30	235	Product/Service ID Qualifier	X		ID 2/2		
			Refer to 004060 Data Element Dictionary for acceptable co					
Х	LIN31	234	Product/Service ID	Х	1	AN 1/48		

Segment:	SN1 Item Detail (Shipment)
Position:	0300
Loop:	HL Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To specify line-item detail relative to shipment
Syntax Notes:	1 If either SN105 or SN106 is present, then the other is required.
Semantic Notes:	1 SN101 is the ship notice line-item identification.
	2 SN105 is quantity ordered.
Comments:	1 SN103 defines the unit of measurement for both SN102 and SN104.

			Data Element Summary				
	Ref.	Data					
	Des.	<u>Element</u>	<u>Name</u>	Att	<u>rib</u>	utes_	
Μ	SN101	350	Assigned Identification	Μ	1	AN 1/20	
			Alphanumeric characters assigned for differentiation within a	transact	ior	i set	
Μ	SN102	382	Number of Units Shipped	Μ	1	R 1/10	
			Numeric value of units shipped in manufacturer's shipping union transaction set	its for a	line	e item	
Μ	SN103	355	Unit or Basis for Measurement Code	Μ	1	ID 2/2	
			Code specifying the units in which a value is being expressed,	, or man	ner	in	
			which a measurement has been taken				
			EA= Each				
			Refer to 004060 Data Element Dictionary for acceptable code values.				
	SN104	646	Quantity Shipped to Date	0	1	R 1/15	
			Number of units shipped to date				
	SN105	380	Quantity	X	1	R 1/15	
			Numeric value of quantity				
	SN106	355	Unit or Basis for Measurement Code	X	1	ID 2/2	
			Code specifying the units in which a value is being expressed, which a measurement has been taken	or man	ner	in	
			Refer to 004060 Data Element Dictionary for acceptable code	values.			
	SN107	728	Returnable Container Load Make-Up Code	0		ID 1/2	
			Code identifying the load make -up of the returnable container	s in the	shi	pment	
			Refer to 004060 Data Element Dictionary for acceptable code	*			
	SN108	668	Line Item Status Code	0		ID 2/2	
	511100	000		U	_		
			Code specifying the action taken by the seller on a line item rebuyer		•	the	
			Refer to 004060 Data Element Dictionary for acceptable code	values.			

REF Reference Information Segment: **Position:** 2075 Loop: HL Mandatory Level: Detail Usage: Optional Max Use: 1

To specify identifying information **Purpose:** Syntax Notes: At least one of REF02 or REF03 is required. 1 2

- If either C04003 or C04004 is present, then the other is required.
- If either C04005 or C04006 is present, then the other is required. 3 REF04 contains data relating to the value cited in REF02. 1

Semantic Notes: Comments:

	Ref.	Data				
	Des.	Element	Name			utes
М	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification	Μ	1	ID 2/3
			LS= Container ID: on the container label			
			Refer to 004060 Data Element Dictionary for acceptable code	e values		
Μ	REF02	127	Reference Identification	Μ	-	AN 1/50
			Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier	Set or a	ıs	
			UCC 128			
	REF03	352	Description	X		AN 1/80
			A free-form description to clarify the related data elements an			tent
X	REF04	C040	Reference Identifier	0	1	
			To identify one or more reference numbers or identification n specified by the Reference Qualifier	umbers	as	
X	C04001	128	Reference Identification Qualifier	Μ		ID 2/3
			Code qualifying the Reference Identification			
			Refer to 004060 Data Element Dictionary for acceptable code	e values	•	
Х	C04002	127	Reference Identification	Μ		AN 1/50
			Reference information as defined for a particular Transaction	Set or a	is	
	CO 4000	1.00	specified by the Reference Identification Qualifier			-
X	C04003	128	Reference Identification Qualifier	X		ID 2/3
			Code qualifying the Reference Identification			
			Refer to 004060 Data Element Dictionary for acceptable code		•	
X	C04004	127	Reference Identification	X		AN 1/50
			Reference information as defined for a particular Transaction	Set or a	is	
X	C04005	128	specified by the Reference Identification Qualifier Reference Identification Qualifier	X		ID 2/3
			Code qualifying the Reference Identification			
			Refer to 004060 Data Element Dictionary for acceptable code	e values	•	
Χ	C04006	127	Reference Identification	X		AN 1/50
			Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier	Set or a	ıs	

Segment:	HL Hierarchical Level						
Position:	0100						
Loop:	HL Mandatory						
Level:	Detail						
Usage:	Mandatory						
Max Use:	1						
Purpose:	To identify dependencies among and the content of hierarchically related groups of data segments						
Syntax Notes: Semantic Notes:							
Comments:	1 The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.						
	The HL segment defines a top-down/left-right ordered structure.						
	2 HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each						

- subsequent HL segment within the transaction.3 HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
- 4 HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
- 5 HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Refer to 004060 Data Element Dictionary for acceptable code values.

			Data Element Summary			
	Ref.	Data Element	Nomo		ttnih	ntos
М	<u>Des.</u> HL01	Element 628	<u>Name</u> Hierarchical ID Number	M A	ttrib 1	<u>utes</u> AN 1/12
IVI	IIL01	020	A unique number assigned by the sender to identify a particu		_	
			in a hierarchical structure 4			
	HL02	734	Hierarchical Parent ID Number	0	1	AN 1/12
			Identification number of the next higher hierarchical data seg segment being described is subordinate to 1	gment tl	hat th	ie data
Μ	HL03	735	Hierarchical Level Code Code defining the characteristic of a level in a hierarchical st	M tructure		ID 1/2
			S = Shipment I = Item O = Order P = Pack Refer to 004060 Data Element Dictionary for acceptable coo	le value	• 6	
	HL04	736	Hierarchical Child Code			ID 1/1
	fiL04	/ 30		•		
			Code indicating if there are hierarchical child data segments	subord	inate	to the

level being described

Segment:	LIN Item Identification
Position:	0200
Loop:	HL Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To specify basic item identification data
Syntax Notes:	1 If either LIN04 or LIN05 is present, then the other is required.
	2 If either LIN06 or LIN07 is present, then the other is required.
	3 If either LIN08 or LIN09 is present, then the other is required.
	4 If either LIN10 or LIN11 is present, then the other is required.
	5 If either LIN12 or LIN13 is present, then the other is required.
	6 If either LIN14 or LIN15 is present, then the other is required.
	7 If either LIN16 or LIN17 is present, then the other is required.
	8 If either LIN18 or LIN19 is present, then the other is required.
	9 If either LIN20 or LIN21 is present, then the other is required.
	10 If either LIN22 or LIN23 is present, then the other is required.
	11 If either LIN24 or LIN25 is present, then the other is required.
	12 If either LIN26 or LIN27 is present, then the other is required.
	13 If either LIN28 or LIN29 is present, then the other is required.
	14 If either LIN30 or LIN31 is present, then the other is required.
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.

	Ref.	Data	N		4
М	<u>Des.</u> LIN01	<u>Element</u> 350	NameAtAssigned IdentificationM		<u>outes</u> AN 1/20
IVI	LINUI	550	Alphanumeric characters assigned for differentiation within a transa		
Μ	LIN02	235	Product/Service ID Qualifier M Code identifying the type/source of the descriptive number used in		ID 2/2
			Product/Service ID (234) "VP" which stands for Vendor's (Seller) Part Number		
			Refer to 004060 Data Element Dictionary for acceptable code value	,	
Μ	LIN03	234	Product/Service ID M Identifying number for a product or service		AN 1/48
			Product Number		
Μ	LIN04	235	Product/Service ID QualifierMCode identifying the type/source of the descriptive number used in Product/Service ID (234)	1	ID 2/2
			BP=Buyer's Part Number or PI= Purchaser's Item Number		
			Refer to 004060 Data Element Dictionary for acceptable code value	5.	
Μ	LIN05	LIN05 234	Product/Service IDMIdentifying number for a product or service	1	AN 1/48
			Buyer's Part Number		
X	LIN06	235	Product/Service ID QualifierXRefer to 004060 Data Element Dictionary for acceptable code value		ID 2/2
X	LIN07	234	Product/Service ID X	1	AN 1/48
	LIN08	235	Product/Service ID Qualifier X	1	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 004060 Data Element Dictionary for acceptable code value.	5.	
X	LIN09	234	Product/Service ID X		AN 1/48
X	LIN10	235	Product/Service ID Qualifier X Refer to 004060 Data Element Dictionary for acceptable code values		ID 2/2

X	LIN11	234	Product/Service ID	X	1	AN 1/48
Χ	LIN12	235	Product/Service ID Qualifier	Χ	1	ID 2/2
			Refer to 004060 Data Element Dictionary for acceptable co	de values	5.	
X	LIN13	234	Product/Service ID	X		AN 1/48
Χ	LIN14	235	Product/Service ID Qualifier	X	1	ID 2/2
			Refer to 004060 Data Element Dictionary for acceptable co	de values	5.	
X	LIN15	234	Product/Service ID	X	1	AN 1/48
Χ	LIN16	235	Product/Service ID Qualifier	X	1	ID 2/2
			Refer to 004060 Data Element Dictionary for acceptable co	de values	5.	
Х	LIN17	234	Product/Service ID	X	1	AN 1/48
Χ	LIN18	235	Product/Service ID Qualifier	Χ	1	ID 2/2
			Refer to 004060 Data Element Dictionary for acceptable co	de values	s.	
Χ	LIN19	234	Product/Service ID	X	1	AN 1/48
Χ	LIN20	235	Product/Service ID Qualifier	X	1	ID 2/2
			Refer to 004060 Data Element Dictionary for acceptable co	de values	5.	
Χ	LIN21	234	Product/Service ID	X	1	AN 1/48
Χ	LIN22	235	Product/Service ID Qualifier	X	1	ID 2/2
			Refer to 004060 Data Element Dictionary for acceptable co	de values	5.	
Χ	LIN23	234	Product/Service ID	X	1	AN 1/48
Χ	LIN24	235	Product/Service ID Qualifier	Х	1	ID 2/2
			Refer to 004060 Data Element Dictionary for acceptable co	de values	s.	
Х	LIN25	234	Product/Service ID	Х	1	AN 1/48
Χ	LIN26	235	Product/Service ID Qualifier	Х	1	ID 2/2
			Refer to 004060 Data Element Dictionary for acceptable co	de values	5.	
Χ	LIN27	234	Product/Service ID	Χ	1	AN 1/48
Χ	LIN28	235	Product/Service ID Qualifier	X	1	ID 2/2
			Refer to 004060 Data Element Dictionary for acceptable co	de values	5.	
Χ	LIN29	234	Product/Service ID	Χ	1	AN 1/48
Х	LIN30	235	Product/Service ID Qualifier	Х	1	ID 2/2
			Refer to 004060 Data Element Dictionary for acceptable co	de values	5.	
X	LIN31	234	Product/Service ID	X	1	AN 1/48

Segment:	SN1 Item Detail (Shipment)
Position:	0300
Loop:	HL Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To specify line-item detail relative to shipment
Syntax Notes:	1 If either SN105 or SN106 is present, then the other is required.
Semantic Notes:	1 SN101 is the ship notice line-item identification.
	2 SN105 is quantity ordered.
Comments:	1 SN103 defines the unit of measurement for both SN102 and SN104.

			Data Element Summary				
	Ref.	Data					
	Des.	<u>Element</u>	<u>Name</u>	Att	rib	<u>utes</u>	
Μ	SN101	350	Assigned Identification	Μ	1	AN 1/20	
			Alphanumeric characters assigned for differentiation within a	transact	ion	i set	
Μ	SN102	382	Number of Units Shipped	Μ	1	R 1/10	
			Numeric value of units shipped in manufacturer's shipping union or transaction set	its for a	line	e item	
Μ	SN103	355	Unit or Basis for Measurement Code	Μ	1	ID 2/2	
			Code specifying the units in which a value is being expressed, or manner in				
			which a measurement has been taken				
			EA= Each				
			Refer to 004060 Data Element Dictionary for acceptable code	values.			
	SN104	646	Quantity Shipped to Date	0	1	R 1/15	
			Number of units shipped to date				
	SN105	380	Quantity	X	1	R 1/15	
			Numeric value of quantity				
	SN106	355	Unit or Basis for Measurement Code	X	1	ID 2/2	
			Code specifying the units in which a value is being expressed, which a measurement has been taken	, or man	ner	in	
			Refer to 004060 Data Element Dictionary for acceptable code	values.			
	SN107	728	Returnable Container Load Make-Up Code	0		ID 1/2	
			Code identifying the load make -up of the returnable container	s in the	shi	pment	
			Refer to 004060 Data Element Dictionary for acceptable code	values.			
	SN108	668	Line Item Status Code	0	1	ID 2/2	
			Code specifying the action taken by the seller on a line item rebuyer			the	
			Refer to 004060 Data Element Dictionary for acceptable code	values.	2		

Segment:REFReference InformationPosition:2075Loop:HLMandatoryLevel:DetailUsage:OptionalMax Use:1

Purpose:To specify identifying informationSyntax Notes:1At least one of REF02 or REF03 is required.2If either C04003 or C04004 is present, then the other is required.3If either C04005 or C04006 is present, then the other is required.

Semantic Notes: 1 Comments:

Data Element Summary

REF04 contains data relating to the value cited in REF02.

	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>	At	<u>trib</u>	utes
Μ	REF01	128	Reference Identification Qualifier	Μ	1	ID 2/3
			Code qualifying the Reference Identification			
			LS= Container ID: on the container label			
			Refer to 004060 Data Element Dictionary for acceptable code	e values	3.	
Μ	REF02	127	Reference Identification	Μ		AN 1/50
			Reference information as defined for a particular Transaction	Set or a	as	
			specified by the Reference Identification Qualifier UCC 128			
	REF03	352	Description	X	1	AN 1/80
	KEF 05	552	A free-form description to clarify the related data elements ar			
v	DEE04	C040	Reference Identifier	O O		tent
X	REF04	C040		U	1	
			To identify one or more reference numbers or identification n specified by the Reference Qualifier	umbers	s as	
X	C04001	128	Reference Identification Qualifier	Μ		ID 2/3
28	004001	120	Code qualifying the Reference Identification	171		10 2/5
			Refer to 004060 Data Element Dictionary for acceptable code	a valuar		
X	C04002	127	Reference Identification	M).	AN 1/50
Λ	C04002	147	Reference information as defined for a particular Transaction		0.0	AN 1/50
			specified by the Reference Identification Qualifier	Set of a	as	
X	C04003	128	Reference Identification Qualifier	x		ID 2/3
			Code qualifying the Reference Identification			
			Refer to 004060 Data Element Dictionary for acceptable code	- values		
X	C04004	127	Reference Identification	X		AN 1/50
	001001		Reference information as defined for a particular Transaction		95	121 (2/0 0
			specified by the Reference Identification Qualifier	Set of a	us	
X	C04005	128	Reference Identification Qualifier	X		ID 2/3
			Code qualifying the Reference Identification			
			Refer to 004060 Data Element Dictionary for acceptable code	e values	š.	
X	C04006	127	Reference Identification	X		AN 1/50
			Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier	Set or	as	

Segment: **SE** Transaction Set Trailer

SE Transaction Set Trailer
0200
Summary
Mandatory
1
To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
1 SE is the last segment of each transaction set.

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