# 856 Ship Notice/Manifest

# Functional Group ID=SH

#### **Introduction:**

This Draft Standard for Trial Use 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:**

Page	Pos.	Seg.		Req.		Loop	Notes and
No.	<u>No.</u>	<u>ID</u>	<u>Name</u>	Des.	Max.Use	Repeat	Comments
5	010	ST	Transaction Set Header	M	1	·	·
6	020	BSN	Beginning Segment for Ship Notice	M	1		

#### **Detail:**

Page <u>No.</u>	Pos. No.	Seg. <u>ID</u>	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - HL			200000	
7	010	HL	Hierarchical Level	M	1		c1
8	110	TD1	Carrier Details (Quantity and Weight)	M	20		
9	120	TD5	Carrier Details (Routing Sequence/Transit Time)	M	12		
10	150	REF	Reference Identification	M	2		
11	200	DTM	Date/Time Reference	M	10		
			LOOP ID - N1			2	
12	220	N1	Name	M	1		

# **Detail:**

Page <u>No.</u>	Pos. <u>No.</u>	Seg. <u>ID</u>	Name LOOP ID - HL	Req. Des.	Max.Use	Loop Repeat 200000	Notes and Comments
13	010	HL	Hierarchical Level	M	1	200000	
14	050	PRF	Purchase Order Reference	M	1		
15	150	REF	Reference Identification	M	4		
			LOOP ID - N1			200	
17	220	N1	Name	M	1		

#### **Detail:**

Page	Pos.	Seg.		Req.		Loop	Notes and
No.	No.	<u>ID</u>	<u>Name</u>	Des.	Max.Use	Repeat	Comments
			LOOP ID - HL		_	200000	
18	010	HL	Hierarchical Level	M	1		

19 190 MAN Marks and Numbers M >1

# **Detail:**

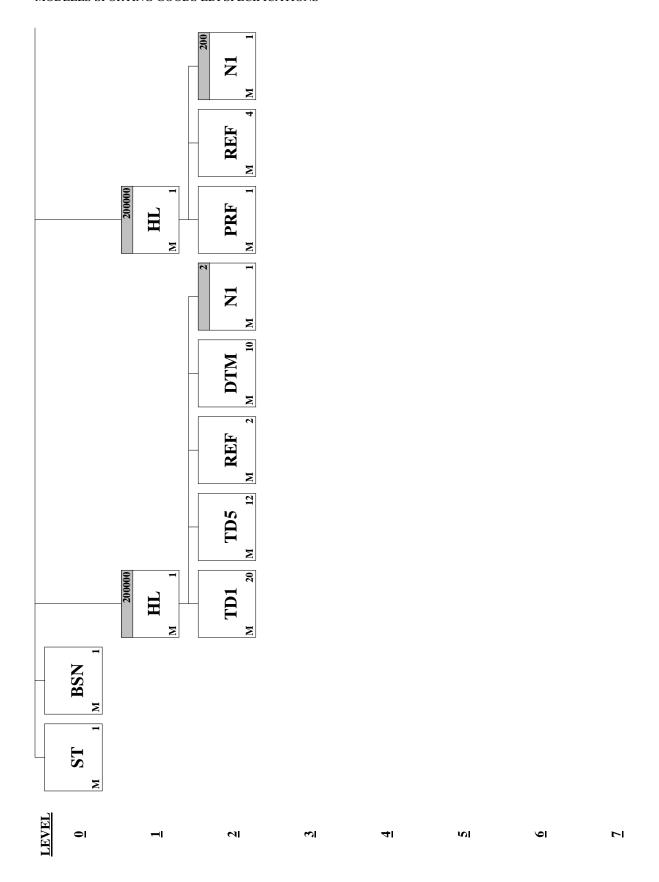
Page	Pos.	Seg.		Req.		Loop	Notes and
No.	No.	<u>ID</u>	<u>Name</u>	Des.	Max.Use	Repeat	Comments
			LOOP ID - HL			200000	
20	010	HL	Hierarchical Level	M	1		
21	020	LIN	Item Identification	M	1		
22	030	SN1	Item Detail (Shipment)	M	1		

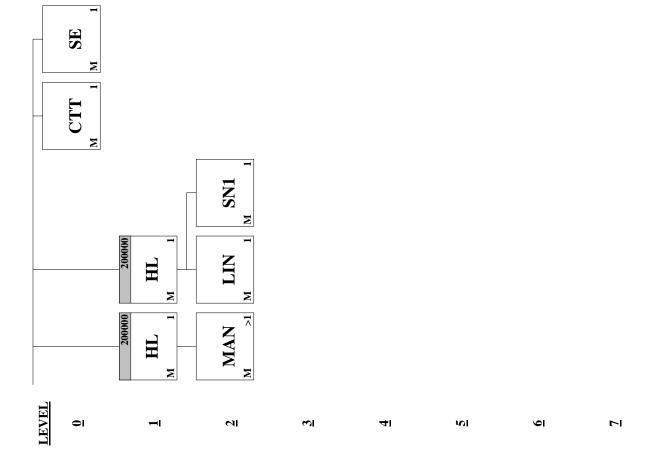
# **Summary:**

Page	Pos.	Seg.		Req.		Loop	Notes and
No.	No.	<u>ID</u>	<u>Name</u>	Des.	Max.Use	Repeat	<b>Comments</b>
23	010	CTT	Transaction Totals	$\overline{\mathbf{M}}$	1		
24	020	SE	Transaction Set Trailer	M	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:** 

**Position:** 

Loop: Level: Heading Usage: Mandatory

Max Use:

**Purpose:** To indicate the start of a transaction set and to assign a control number

**Comments:** 

EXAMPLE: 856\*0001~ **Notes:** 

				J			
	Ref.	Data					
	Des.	<b>Element</b>	<u>Name</u>		<u>Attr</u>	<u>ributes</u>	
M	ST01	143	Transaction	Set Identifier Code	$\mathbf{M}$	ID 3/3	
			Code unique	ely identifying a Transaction Set			
			856	Ship Notice/Manifest			
M	ST02	329	Transaction	Set Control Number	M	AN 4/9	
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Segment: BSN Beginning Segment for Ship Notice

**Position:** 020

Loop:

Level: Heading Usage: Mandatory

Max Use: 1

Purpose: To transmit identifying numbers, dates, and other basic data relating to the transaction set
 Comments: BSN06 and BSN07 differentiate the functionality of use for the transaction set.

Notes: EXAMPLE: BSN\*00\*987654321\*19990514\*1005\*0001~

	Ref.	Data	2 2.0				
	Des.	<b>Element</b>	<u>Name</u>	Att	<u>ributes</u>		
M	BSN01	353	Transaction Set Purpose Code	$\mathbf{M}$	ID 2/2		
			Code identifying purpose of transaction set				
			00 Original				
			07 Duplicate				
M	BSN02	396	Shipment Identification	$\mathbf{M}$	AN 2/30		
			A unique control number assigned by the original shipper to shipment	ident	ify a specific		
M	BSN03	373	Date	$\mathbf{M}$	<b>DT 8/8</b>		
			Date expressed as CCYYMMDD				
M	BSN04	337	Time	$\mathbf{M}$	TM 4/4		
			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)				
	BSN05	1005	Hierarchical Structure Code	O	ID 4/4		
			Code indicating the hierarchical application structure of a tra utilizes the HL segment to define the structure of the transac 0001 Shipment, Order, Packaging, Item 0002 Shipment, Order, Item, Packaging				

Segment: HL Hierarchical Level

**Position:** 010

**Loop:** HL Mandatory

Level: Detail
Usage: Mandatory

Max Use:

**Purpose:** To identify dependencies among and the content of hierarchically related groups of data

egments

#### **Comments:**

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.

Notes: EXAMPLE: HL\*1\*\*S~

M	Ref. <u>Des.</u> HL01	Data Element 628	<u>Name</u> Hierarchical ID Number	Attı M	ributes AN 1/12
M	HL03	735	A unique number assigned by the sender to identify a particular in a hierarchical structure  Hierarchical Level Code	ılar da <b>M</b>	ta segment  ID 1/2
			Code defining the characteristic of a level in a hierarchical st S Shipment	tructui	re

 $Segment: \qquad TD1 \ \ Carrier \ Details \ (Quantity \ and \ Weight)$ 

**Position:** 110

**Loop:** HL Mandatory

Level: Detail
Usage: Mandatory

Max Use: 20

**Purpose:** To specify the transportation details relative to commodity, weight, and quantity

**Comments:** 

Notes: EXAMPLE: TD1\*CTN\*2\*\*\*\*G\*140\*LB~

Ref.	Data	•					
Des.	<b>Element</b>	<u>Name</u>	Att	<u>ributes</u>			
TD101	103	Packaging Code	O	AN 5/5			
		Code identifying the type of packaging; Part 1: Packaging Fo Packaging Material; if the Data Element is used, then Part 1 i CTN Carton					
<b>TD102</b>	80	Lading Quantity	X	N0 1/7			
		Number of units (pieces) of the lading commodity					
<b>TD106</b>	187	Weight Qualifier	O	ID 1/2			
		Code defining the type of weight					
		G Gross Weight					
<b>TD107</b>	81	Weight	$\mathbf{X}$	R 1/8			
		Numeric value of weight					
<b>TD108</b>	355	Unit or Basis for Measurement Code	$\mathbf{X}$	ID 2/2			
		Code specifying the units in which a value is being expressed which a measurement has been taken  LB Pound	, or i	nanner in			

 $Segment: \qquad TD5 \ \ Carrier \ Details \ (Routing \ Sequence/Transit \ Time)$ 

**Position:** 120

**Loop:** HL Mandatory

Level: Detail
Usage: Mandatory
Max Use: 12

Purpose: To specify the carrier and sequence of routing and provide transit time information
Comments: 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.

Notes: EXAMPLE: TD5\*0\*2\*UPSN~

Ref.	Data		•		
Des.	<b>Element</b>	<u>Name</u>		Attr	<u>ibutes</u>
<b>TD501</b>	133	<b>Routing Sequence</b>	Code	$\mathbf{o}$	ID 1/2
		Code describing the	relationship of a carrier to a specific ship	ment	movement
		1	1st Carrier after Origin Carrier		
		2	2nd Carrier after Origin Carrier		
		3	3rd Carrier after Origin Carrier		
		A	Origin Carrier, Agent's Routing (Rail)		
		В	Origin/Delivery Carrier (Any Mode)		
		O	Origin Carrier (Air, Motor, or Ocean)		
		S	Origin Carrier, Shipper's Routing (Rail)		
<b>TD502</b>	66	<b>Identification Code</b>	· Qualifier	X	ID 1/2
		Code designating the Code (67)	e system/method of code structure used f	or Ide	entification
		2	Standard Carrier Alpha Code (SCAC)		
TD503	67	<b>Identification Code</b>		X	AN 2/4
		Code identifying a p	arty or other code		

**REF** Reference Identification **Segment:** 

**Position:** 150

HLLoop: Mandatory

Level: Detail Usage: Mandatory

Max Use:

**Purpose:** To specify identifying information

**Comments:** 

EXAMPLE: REF\*BM\*777777~ Notes:

REF\*CN\*TL999995556666~

# **Data Element Summary**

M	Ref. <u>Des.</u> REF01	Data Element 128		Identification Qualifier ying the Reference Identification	Attr M	ributes ID 2/2
			ВВ	Authorization Number		
				Proves that permission was obtained to	provi	de a service
			BM	Bill of Lading Number		
			CN	Carrier's Reference Number (PRO/Invo	oice)	
>>	REF02	127	Reference I	dentification	X	AN 1/30
			Reference in	nformation as defined for a particular Transaction	ı Set o	or as

Reference information as defined for a particular Transaction Set or as

specified by the Reference Identification Qualifier

DTM Date/Time Reference **Segment:** 

**Position:** 200

HLMandatory

Loop: Level: Detail Usage: Mandatory

Max Use:

**Purpose:** To specify pertinent dates and times

**Comments:** 

EXAMPLE: DTM\*011\*19990405~ **Notes:** 

M	Ref. <u>Des.</u> DTM01	Data Element 374	Name Date/Time Qualifier	Attr M	ributes ID 3/3
			Code specifying type of date or time, or both date and time		
			O11 Shipped		
>>	<b>DTM02</b>	373	Date	X	<b>DT 8/8</b>
			Date expressed as CCYYMMDD		

Segment: N1 Name

**Position:** 220

**Loop:** N1 Mandatory

Level: Detail Usage: Mandatory

Max Use:

**Purpose:** To identify a party by type of organization, name, and code

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.

**Notes:** EXAMPLE:

N1\*SF\*YOUR COMPANY NAME\*91\*XXXXXX~

XXXXXX = YOUR MODELLS VENDOR NUMBER

AND/OR

N1\*ST\*MODELL'S\*92\*047~

			Duta Li	ement summing		
	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>		<u>Att</u>	<u>ributes</u>
$\mathbf{M}$	N101	98	<b>Entity Identifie</b>	r Code	M	ID 2/2
			Code identifying individual	g an organizational entity, a physical locatio	n, pro	perty or an
			SF	Ship From		
			ST	Ship To		
	N102	93	Name		X	AN 1/30
			Free-form name			
	N103	66	<b>Identification C</b>	Code Qualifier	X	ID 2/2
			Code designating Code (67)	g the system/method of code structure used	for Id	entification
			91	Assigned by Seller or Seller's Agent		
			92	Assigned by Buyer or Buyer's Agent		
	N104	67	Identification C	Code	X	AN 2/17
			Code identifying	g a party or other code		
			Modell's 3 digit	store number, when N101 is ST.		

Segment: HL Hierarchical Level

**Position:** 010

**Loop:** HL Mandatory

Level: Detail Usage: Mandatory

Max Use:

**Purpose:** To identify dependencies among and the content of hierarchically related groups of data

egments

**Comments:** 

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.

Notes: EXAMPLE: HL\*2\*1\*O~

	Ref.	Data			
	Des.	<b>Element</b>	<u>Name</u>	Att	<u>ributes</u>
M	HL01	628	Hierarchical ID Number	M	AN 1/12
			A unique number assigned by the sender to identify a particular in a hierarchical structure	ılar da	ata segment
>>	HL02	734	Hierarchical Parent ID Number	O	AN 1/12
			Identification number of the next higher hierarchical data se segment being described is subordinate to	gment	that the data
M	HL03	735	Hierarchical Level Code	M	ID 1/2
			Code defining the characteristic of a level in a hierarchical s	tructu	re
			O Order		

Segment: PRF Purchase Order Reference

**Position:** 050

**Loop:** HL Mandatory

Level: Detail Usage: Mandatory

Max Use:

**Purpose:** To provide reference to a specific purchase order

**Comments:** 

Notes: EXAMPLE: PRF\*04512345\*\*\*19990514~

Do not place a "-" between the third and fourth digits

OR

PRF\*12345\*\*\*19990414

The second example must be sent with a REF\*DP = Modells dept. number.

**Data Element Summary** 

Ref. Data

Des.ElementNameAttributesMPRF01324Purchase Order NumberM AN 5/8

Identifying number for Purchase Order assigned by the orderer/purchaser

xxxaaaaa

xxx = Modell's department number aaaaa = purchase order control number

DO NOT PUT A "-" BETWEEN THE 3RD AND 4TH DIGITS

OR

aaaaa = purchase order control number

PRF04 373 Date O DT 8/8

Date expressed as CCYYMMDD

Segment: REF Reference Identification

**Position:** 150

**Loop:** HL Mandatory

Level: Detail
Usage: Mandatory

Max Use: 4

**Purpose:** To specify identifying information

**Comments:** 

Notes: EXAMPLE: REF\*DP\*045~

REF\*IT\*2803833025~ REF\*IV\*5784400~ REF\*VN\*2568860~

# **Data Element Summary**

М	Ref. <u>Des.</u> REF01	Data <u>Element</u> 128	<u>Name</u> Reference	e Identification Qualifier	<u>Attı</u> M	ributes ID 2/3
				ifying the Reference Identification		
			DP	Department Number		
			IT	Internal Customer Number		
			IV	Seller's Invoice Number		
			VN	Vendor Order Number		
>>	REF02	127	Reference	e Identification	X	AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Application Value List:

010 boys infants

011 license goods

012 kids fashion

013 kids license apparel

014 ladies wear

015 underwear

016 socks

017 work clothes

018 long sleeve shirts

019 short sleeve shirts

020 big and tall men

021 sweats and warm ups

022 outerwear

023 jeans and slacks

024 assorted shorts

025 swinwear

026 headwear

027 accessories

028 basic sweats

029

030 luggage

031 fishing

032 hunting

033 camping

034 exercise

035 license apparel

- 036 team sports
- 037 hockey
- 038 racket sports
- 039 baseball
- 040 golf
- 041 water and snow sports
- 042 games
- 043 bowling
- 044 skates
- 045 mens sneakers
- 046 womens sneakers
- 047 kids sneakers
- 048 Athletic Footwear
- 049 other shoes and Access.
- 050 shoe accessories
- 051 proformance gear
- 052 WOMENS APPAREL
- 053 SANDALS

Segment: N1 Name

**Position:** 220

**Loop:** N1 Mandatory

Level: Detail Usage: Mandatory

Max Use: 1

**Purpose:** To identify a party by type of organization, name, and code

**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.

Notes: EXAMPLE: NI\*MA\*MODELLS SPORTING GOODS\*92\*096~

			Data Elem	ent Summary		
	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>		<u>Attr</u>	<u>ibutes</u>
M	N101	98	<b>Entity Identifier C</b>	ode	M	ID 2/2
			Code identifying an individual	organizational entity, a physical location	, prop	erty or an
			MA	Party for whom Item is Ultimately Inter-	ded	
			<b>Z</b> 7	Mark-for Party		
				The party for whom the needed material	is in	tended
	N102	93	Name		$\mathbf{X}$	AN 1/20
			Free-form name			
	N103	66	<b>Identification Code</b>	e Qualifier	$\mathbf{X}$	ID 2/2
			Code designating the Code (67)	e system/method of code structure used f	or Ide	entification
			92	Assigned by Buyer or Buyer's Agent		
	N104	67	<b>Identification Code</b>	2	X	AN 3/3
			Code identifying a p	party or other code		
			Modells sporting go	ods 3 digit store number.		

Segment: HL Hierarchical Level

**Position:** 010

**Loop:** HL Mandatory

Level: Detail Usage: Mandatory

Max Use:

**Purpose:** To identify dependencies among and the content of hierarchically related groups of data

egments

#### **Comments:**

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.

Notes: EXAMPLE: HL\*3\*2\*P~

M	Ref. <u>Des.</u> HL01	Data Element 628	<u>Name</u> Hierarchical ID Number	Attı M	ributes AN 1/12
>>	HL02	734	A unique number assigned by the sender to identify a particular in a hierarchical structure  Hierarchical Parent ID Number	ılar da <b>O</b>	ta segment  AN 1/12
M	HL03	735	Identification number of the next higher hierarchical data seg- segment being described is subordinate to <b>Hierarchical Level Code</b>	gment <b>M</b>	that the data  ID 1/2
			Code defining the characteristic of a level in a hierarchical st P Pack	tructu	re

Segment: MAN Marks and Numbers

**Position:** 190

**Loop:** HL Mandatory

Level: Detail
Usage: Mandatory

Max Use: >1

**Purpose:** To indicate identifying marks and numbers for shipping containers

Comments: 1 When MAN01 contains code "UC" (U.P.C. Shipping Container Code) and

MAN05/MAN06 contain a range of ID numbers, MAN03 is not used. The reason for this is that the U.P.C. Shipping Container code is the same on every carton that is

represented in the range in MAN05/MAN06.

2 MAN03 and/or MAN06 are only used when sending a range(s) of ID numbers. When both MAN02/MAN03 and MAN05/MAN06 are used to send ranges of ID numbers, the integrity of the two ID numbers must be maintained.

TANKE MANUSCRIPTOR OF THE TWO ID HUMBERS MUSIC

**Notes:** EXAMPLE: MAN\*GM\*00000521775169910412~

UCC/EAN-128 Serial Shipping Container Code (SSCC-18) IS MANDATORY

THIS NUMBER MUST BE UNIQUE. ALL DUPLICATE CARTON NUMBERS

WILL BE BYPASSED AND DELETED. THIS NUMBER CAN NOT BE ZERO FILLED.

	Ref.	Data					
	Des.	<b>Element</b>	<u>Name</u>		Attr	<u>ributes</u>	
M	MAN01	88	Marks a	and Numbers Qualifier	M	ID 1/2	
			Code sp	ecifying the application or source of Marks and Num	bers (	(87)	
			GM	SSCC-18 and Application Identifier			
M	MAN02	87	Marks a	and Numbers	$\mathbf{M}$	AN 20/20	
			Marks and numbers used to identify a shipment or parts of a shipment				

Segment: HL Hierarchical Level

**Position:** 010

**Loop:** HL Mandatory

Level: Detail Usage: Mandatory

Max Use:

**Purpose:** To identify dependencies among and the content of hierarchically related groups of data

egments

#### **Comments:**

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- 3 HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
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- 5 HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Notes: EXAMPLE: HL\*4\*3\*I~

M	Ref. <u>Des.</u> HL01	Data Element 628	Name Hierarchical ID Number	Attı M	ributes AN 1/12
>>	HL02	734	A unique number assigned by the sender to identify a particular in a hierarchical structure  Hierarchical Parent ID Number	ılar da <b>O</b>	ta segment  AN 1/12
M	HL03	735	Identification number of the next higher hierarchical data se segment being described is subordinate to <b>Hierarchical Level Code</b>	gment <b>M</b>	that the data  ID 1/2
			Code defining the characteristic of a level in a hierarchical s  I Item	tructu	re

Segment: LIN Item Identification

**Position:** 020

**Loop:** HL Mandatory

Level: Detail Usage: Mandatory

Max Use: 1

**Purpose:** To specify basic item identification data

**Comments:** 1 See the Data Dictionary for a complete list of IDs.

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: EXAMPLE: LIN\*\*UP\*05217705185~

M	Ref. <u>Des.</u> LIN02	Data Element 235	Name Product/Service ID	Qualifier	Attri M	ibutes ID 2/2	
			Code identifying the Product/Service ID (UK				
			UP	U.P.C./EAN Shipping Container Code (1-2-5-5-1) A 14-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator and check digit; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digits are the manufacturer ID number, the second five digits are the item code, and the final digit is the check digit			
M	LIN03	234	Product/Service ID	U.P.C. Consumer Package Code (1-5-5)  for a product or service	M	AN 12/12	
			UPC CODE (1-5-5-	*			

 $SN1 \ \ \text{Item Detail (Shipment)}$ **Segment:** 

**Position:** 030

Loop: HLMandatory

Level: Detail Usage: Mandatory

Max Use:

**Purpose:** 

To specify line-item detail relative to shipment **1** SN103 defines the unit of measurement for both SN102 and SN104. **Comments:** 

EXAMPLE: SN1\*\*1\*EA~ **Notes:** 

	Ref.	Data						
	Des.	<b>Element</b>	<u>Name</u>		Attr	<u>ibutes</u>		
M	SN102	382	Number of Units S	hipped	M	R 1/10		
			Numeric value of un or transaction set	nits shipped in manufacturer's shipping ur	nits fo	r a line item		
M	SN103	355	Unit or Basis for M	Ieasurement Code	M	ID 2/2		
			1	Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
			CA	Case				
			DZ	Dozen				
			EA	Each				

Segment: CTT Transaction Totals

**Position:** 010

Loop:

Level: Summary Usage: Mandatory

Max Use:

M

**Purpose:** To transmit a hash total for a specific element in the transaction set

**Comments:** 1 This segment is intended to provide hash totals to validate transaction completeness

and correctness.

Notes: EXAMPLE: CTT\*88~

**Data Element Summary** 

Ref. DataDes.ElementNameAttributesCTT01354Number of Line ItemsM N0 1/6

Total number of line items in the transaction set

Segment: **SE** Transaction Set Trailer

**Position:** 020

Loop:

Level: Summary Usage: Mandatory

Max Use:

**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)

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

Notes: EXAMPLE: SE\*16\*0001~

	Ref.	Data					
	Des.	<b>Element</b>	<u>Name</u>	<u>Attr</u>	<u>ributes</u>		
M	SE01	96	Number of Included Segments	$\mathbf{M}$	N0 1/6		
			Total number of segments included in a transaction set include segments	ding S	T and SE		
M	SE02	329	Transaction Set Control Number	$\mathbf{M}$	AN 4/9		
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				