856 Ship Notice/Manifest

Functional Group ID=SH

Heading:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
010	ST	Transaction Set Header	M	1		
020	BSN	Beginning Segment for Ship Notice	M	1		

Shipment Level:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
		LOOP ID - HL			200000	
010	HL	Hierarchical Level	M	1		
110	TD1	Carrier Details (Quantity and Weight)	O	20		Required
120	TD5	Carrier Details (Routing Sequence/Transit Time)	M	12		
130	TD3	Carrier Details (Equipment)	M	12		
150	REF	Reference Identification	O	>1		Required
200	DTM	Date/Time Reference	O	10		Required
		LOOP ID - N1			200	
220	N1	Name	O	1		Required

Order Level:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
		LOOP ID - HL			200000	
010	HL	Hierarchical Level	M	1		
050	PRF	Purchase Order Reference	O	1		Required
110	TD1	Carrier Details (Quantity and Weight)	O	20		Required
		LOOP ID - N1			200	
220	N1	Name	O	1		Required

Pack Level:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
		LOOP ID - HL			200000	
010	HL	Hierarchical Level	M	1		
190	MAN	Marks and Numbers	O	>1		Required

Item Level:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
		LOOP ID - HL			200000	
010	HL	Hierarchical Level	M	1		
020	LIN	Item Identification	O	1		Required
030	SN1	Item Detail (Shipment)	O	1		Required

Summary:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
010	CTT	Transaction Totals	O	1		Required
020	SE	Transaction Set Trailer	M	1		

Segment: # ST Transaction Set Header
Position: 010
Loop:
Level: Heading:
Usage: Mandatory
Max Use: 1

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
>>	ST01	143	**Transaction Set Identifier Code**	**M**	**ID 3/3**
			Code uniquely identifying a Transaction Set		
			856　　　　　Ship Notice/Manifest		
>>	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		
			The number is sequentially assigned by the sender, starting with one within each functional group. For each functional group, the first transaction set control number will be 0001 and incremented by one for each additional transaction set within the group.		

	Segment:	**BSN** Beginning Segment for Ship Notice
	Position:	020
	Loop:	
	Level:	Heading:
	Usage:	Mandatory
	Max Use:	1
	Notes:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	**BSN01**	**353**	**Transaction Set Purpose Code**	**M ID 2/2**

Code identifying purpose of transaction set

    00   Original

>>	**BSN02**	**396**	**Shipment Identification**	**M AN 2/30**

A unique control number assigned by the original shipper to identify a specific shipment

>>	**BSN03**	**373**	**Date**	**M DT 8/8**

Date expressed as CCYYMMDD

>>	**BSN04**	**337**	**Time**	**M TM 4/8**

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

>>	**BSN05**	**1005**	**Hierarchical Structure Code**	**O ID 4/4**

Code indicating the hierarchical application structure of a transaction set that utilizes the HL segment to define the structure of the transaction set

    0001   Shipment, Order, Packaging, Item
                         Pick and Pack Structure

Segment: # HL **Hierarchical Level**
Position: 010
Loop: HL   Mandatory
Level: Shipment Level
Usage: Mandatory
Max Use: 1
Notes:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	**HL01**	**628**	**Hierarchical ID Number**	**M** **AN 1/12**
			A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	
			The value for this level (shipment) is 1.	
>>	**HL03**	**735**	**Hierarchical Level Code**	**M** **ID 1/2**
			Code defining the characteristic of a level in a hierarchical structure	
			S Shipment	

Segment: # TD1 Carrier Details (Quantity and Weight)
Position: 110
Loop: HL   Mandatory
Level: Shipment
Usage: Optional (Required by Genesco)
Max Use: 20
Notes:

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
TD101	103	Packaging Code	O	AN 3/5

Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required

    CTN25   Carton; Corrugated or Solid

Ref. Des.	Data Element	Name	Attributes	
TD102	80	Lading Quantity	X	N0 1/7

Number of units (pieces) of the lading commodity

The number of packages in the shipment as described in TD101

Ref. Des.	Data Element	Name	Attributes	
TD106	187	Weight Qualifier	O	ID 1/2

Code defining the type of weight

    G   Gross Weight

Ref. Des.	Data Element	Name	Attributes	
TD107	81	Weight	X	R 1/10

Numeric value of weight

Ref. Des.	Data Element	Name	Attributes	
TD108	355	Unit or Basis for Measurement Code	X	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

- LB   Pounds

Segment: **TD5** Carrier Details (Routing Sequence/Transit Time)
Position: 120
Loop: HL   Mandatory
Level: Shipment
Usage: Mandatory
Max Use: 12
Notes:

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
TD501	133	**Routing Sequence Code**		**O ID 1/2**
		Code describing the relationship of a carrier to a specific shipment movement		
		1	1st Carrier after Origin Carrier	
		2	2nd Carrier after Origin Carrier	
		3	3rd Carrier after Origin Carrier	
		4	4th Carrier after Origin Carrier	
		5	5th Carrier after Origin Carrier	
		6	6th Carrier after Origin Carrier	
		7	7th Carrier after Origin Carrier	
		8	8th Carrier after Origin Carrier	
		9	9th Carrier after Origin Carrier	
		A	Origin Carrier, Agent's Routing (Rail)	
		B	Origin/Delivery Carrier (Any Mode)	
		O	Origin Carrier (Air, Motor, or Ocean)	
		S	Origin Carrier, Shipper's Routing (Rail)	
TD502	66	**Identification Code Qualifier**		**M ID 1/2**
		Code designating the system/method of code structure used for Identification Code (67)		
		2	Standard Carrier Alpha Code (SCAC)	
TD503	67	**Identification Code**		**M AN 2/80**
		Code identifying a party or other code		
TD504	91	**Transportation Method/Type Code**		**X ID 1/2**
		Code specifying the method or type of transportation for the shipment		
		A	Air	
		AE	Air Express	
		BU	Bus	
		C	Consolidation	
		CE	Customer Pickup / Customer's Expense	
		D	Parcel Post	
		E	Expedited Truck	
		H	Customer Pickup	
		L	Contract Carrier	
		M	Motor (Common Carrier)	
		R	Rail	
		S	Ocean	
		T	Best Way (Shippers Option)	
		U	Private Parcel Service	
TD505	387	**Routing**		**X AN 1/35**
		Free-form description of the routing or requested routing for shipment, or the originating carrier's identity		

Segment: **TD3** Carrier Details (Equipment)

Position:	130	
Loop:	HL	Mandatory
Level:	Shipment	
Usage:	Mandatory	
Max Use:	12	
Purpose:	To specify transportation details relating to the equipment used by the carrier	
Syntax Notes:	1	Only one of TD301 or TD310 may be present.
	2	If TD302 is present, then TD303 is required.
	3	If TD304 is present, then TD305 is required.
	4	If either TD305 or TD306 is present, then the other is required.
Semantic Notes:		
Comments:		
Notes:	This segment is used to specify the trailer number for a truckload shipment.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	TD301	40	**Equipment Description Code**	**M ID 2/2**
			Code identifying type of equipment used for shipment	
			CN　　　　　　Container	
			TL　　　　　　　Trailer (not otherwise specified)	
	TD302	206	**Equipment Initial**	**M AN 1/4**
			Prefix or alphabetic part of an equipment unit's identifying number	
	TD303	207	**Equipment Number**	**M AN 1/10**
			Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)	

Segment:	**REF** Reference Identification			

Segment: **REF** Reference Identification
Position: 150
Loop: HL   Mandatory
Level: Shipment
Usage: Optional (Required by Genesco)
Max Use: >1
Notes:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
>>	**REF01**	**128**	**Reference Identification Qualifier**	**M**	**ID 2/3**
			Code qualifying the Reference Identification		
			BM Bill of Lading Number		
>>	**REF02**	**127**	**Reference Identification**	**X**	**AN 1/30**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		

Segment: **DTM** Date/Time Reference
Position: 200
Loop: HL   Mandatory
Level: Shipment
Usage: Optional (Required by Genesco)
Max Use: 10

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
>>	**DTM01**	**374**	**Date/Time Qualifier**	**M**	**ID 3/3**
			Code specifying type of date or time, or both date and time		
			011 Shipped		
>>	**DTM02**	**373**	**Date**	**X**	**DT 8/8**
			Date expressed as CCYYMMDD		

Segment: # N1 Name
Position: 220
Loop: N1   Optional
Level: Shipment
Usage: Optional (Required by Genesco)
Max Use: 1
Notes:

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
>>	**N101**	**98**	**Entity Identifier Code**	**M**	**ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual		
			ST Ship To		
	N102	**93**	**Name**	**X**	**AN 1/60**
			Free-form name		
	N103	**66**	**Identification Code Qualifier**	**X**	**ID 1/2**
			Code designating the system/method of code structure used for Identification Code (67)		
			92 Assigned by Buyer or Buyer's Agent		
	N104	**67**	**Identification Code**	**X**	**AN 2/80**
			Distribution Center or Store Number		
			Distribution Center = 9950		
			Store number list available at genescopartners.com		

Segment:	**HL** Hierarchical Level
Position:	010
Loop:	HL Mandatory
Level:	Order Level
Usage:	Mandatory
Max Use:	1
Notes:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
>>	HL01	628	**Hierarchical ID Number**	M	AN 1/12
			A unique number assigned by the sender to identify a particular data segment in a hierarchical structure		
>>	HL02	734	**Hierarchical Parent ID Number**	O	AN 1/12
			Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to		
>>	HL03	735	**Hierarchical Level Code**	M	ID 1/2
			Code defining the characteristic of a level in a hierarchical structure		
			O Order		

Segment: **PRF** Purchase Order Reference
Position: 050
Loop: HL   Mandatory
Level: Order
Usage: Mandatory
Max Use: 1

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
>> **PRF01**	**324**	**Purchase Order Number**	**M**	**AN 1/22**
		Identifying number for Purchase Order assigned by the orderer/purchaser		
		Retailer's original purchase order number		
PRF04	**373**	**Date**	**O**	**DT 8/8**
		Date expressed as CCYYMMDD		
		Retailer's original purchase order date		

Segment: # TD1 Carrier Details (Quantity and Weight)
Position: 110
Loop: HL   Mandatory
Level: Order
Usage: Optional   (Required by Genesco)
Max Use: 20
Notes:

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
TD101	**103**	**Packaging Code**	**O**	**AN 3/5**
		Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required		
		CTN25 Carton		
TD102	**80**	**Lading Quantity**	**X**	**N0 1/7**
		Number of units (pieces) of the lading commodity		
TD106	**187**	**Weight Qualifier**	**O**	**ID 1/2**
		Code defining the type of weight		
		G Gross Weight		

Segment: **N1** Name
Position: 220
Loop: N1   Optional
Level: Order
Usage: Optional   (Required by Genesco)
Max Use: 1
Notes:

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
>> N101	98	**Entity Identifier Code**	M	ID 2/3

Code identifying an organizational entity, a physical location, property or an individual

    BY   Buying Party (Purchaser)

N103	66	**Identification Code Qualifier**	X	ID 1/2

Code designating the system/method of code structure used for Identification Code (67)

    92   Assigned by Buyer or Buyer's Agent

N104	67	**Identification Code**	X	AN 2/80

Store number or Distribution Center
Distribution Center = 9950
Store number list available at genescopartners.com

Segment: **HL** **Hierarchical Level**
Position: 010
Loop: HL   Mandatory
Level: Pack Level
Usage: Mandatory
Max Use: 1
Notes:

<div style="text-align:center">**Data Element Summary**</div>

Ref. Des.	Data Element	Name	Attributes
>> HL01	628	**Hierarchical ID Number**	**M** **AN 1/12**
		A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	
>> HL02	734	**Hierarchical Parent ID Number**	**O** **AN 1/12**
		Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to	
>> HL03	735	**Hierarchical Level Code**	**M** **ID 1/2**
		Code defining the characteristic of a level in a hierarchical structure	
		P Pack	

Segment:	**MAN** Marks and Numbers
Position:	190
Loop:	HL Mandatory
Level:	Pack
Usage:	Mandatory
Max Use:	>1
Notes:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	MAN01	88	**Marks and Numbers Qualifier**	M ID 1/2

Code specifying the application or source of Marks and Numbers (87)

GM   SSCC-18 and Application Identifier

This is a twenty-character UCC/EAN-128 Serial Shipping Container Code (SSCC-18) that includes the two digit application identifier. The symbology code and the modulo 103 check digit are not included.

	Ref. Des.	Data Element	Name	Attributes
>>	MAN02	87	**Marks and Numbers**	M AN 1/48

Marks and numbers used to identify a shipment or parts of a shipment

Segment: **HL** **Hierarchical Level**
Position: 010
Loop: HL   Mandatory
Level: Item Level
Usage: Mandatory
Max Use: 1
Notes:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
>>	HL01	628	**Hierarchical ID Number**	M	AN 1/12
			A unique number assigned by the sender to identify a particular data segment in a hierarchical structure		
>>	HL02	734	**Hierarchical Parent ID Number**	O	AN 1/12
			Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to		
>>	HL03	735	**Hierarchical Level Code**	M	ID 1/2
			Code defining the characteristic of a level in a hierarchical structure		
			I Item		

Segment:	**LIN** Item Identification
Position:	020
Loop:	HL Mandatory
Level:	Item
Usage:	Mandatory
Max Use:	1
Notes:	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
>>	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)

UP	UPC Consisting of 11 digits containing the UCC Company Prefix and Item Number and 1 digit representing the Check Digit
EN	European Article Number (EAN/UCC-13) Consisting of 12 digits containing the EAN/UCC Company Prefix and Item Reference number and 1 digit representing the Check Digit.
UK	GTIN Global Trade Item Number which consists of a 1 digit packaging indicator, 12 digits containing the EAN/UCC Company Prefix and Item Number and 1 digit representing the Check Digit.

	Ref. Des.	Data Element	Name	Attributes	
>>	LIN03	234	**Product/Service ID**	M	AN 12/14

UPC CODE (12)
EAN CODE (13)
GTIN CODE (14)

	LIN04	235	**Product/Service ID Qualifier**	M	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CB	Buyers Catalog Number

	LIN05	234	**Product/Service ID**	M	AN 1/48

Journey's Stock Number

	LIN06	235	**Product/Service ID Qualifier**	M	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

IZ	Buyers Size Code

	LIN07	234	**Product/Service ID**	M	AN 1/48

Buyers Width/Size   WWSSSS
ex. (M 090)
     (3E100)
     (__EACH)=Unsized

Segment: **SN1** **Item Detail (Shipment)**
Position: 030
Loop: HL   Mandatory
Level: Item
Usage: Optional (Required by Genesco)
Max Use: 1
Notes: This segment is used to specify the quantities associated with the item identified in the LIN at the item level.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
>>	SN102	382	**Number of Units Shipped**	M	R 1/10
			Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set		
			Case Pack Qty is always "1" (when SN103=CA)		
>>	SN103	355	**Unit or Basis for Measurement Code**	M	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			EA Each		
			CA Case Pack		
	SN105	330	**Quantity Ordered**	X	R 1/15
			Quantity ordered		
	SN106	355	**Unit or Basis for Measurement Code**	X	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			EA Each		
			CA Case Pack		

Segment: **CTT** **Transaction Totals**
Position: 010
Loop:
Level: Summary:
Usage: Optional (Required by Genesco)
Max Use: 1

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	CTT01	354	Number of Line Items	M N0 1/6
			Total number of line items in the transaction set	
			The number of HL segments present in the transaction set	

Segment: **SE** **Transaction Set Trailer**
Position: 020
Loop:
Level: Summary:
Usage: Mandatory
Max Use: 1

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	SE01	96	**Number of Included Segments**	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
>>	SE02	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	
			This must be the same number as is in the ST segment (ST02) for the transaction set.	