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# **856 Ship Notice/Manifest**

## **Version 04010**

February 23, 2009

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**Functional Group ID=SH****Introduction**

This specification 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 ship notice is structured hierarchically with 4 levels: shipment, order, pack (carton), and item (SKU). One or more orders can be included per shipment number. One or more packs may be reported for each order. Finally, one or more items may be reported for each pack . Pack level data must be included to report the contents of each shipping container.

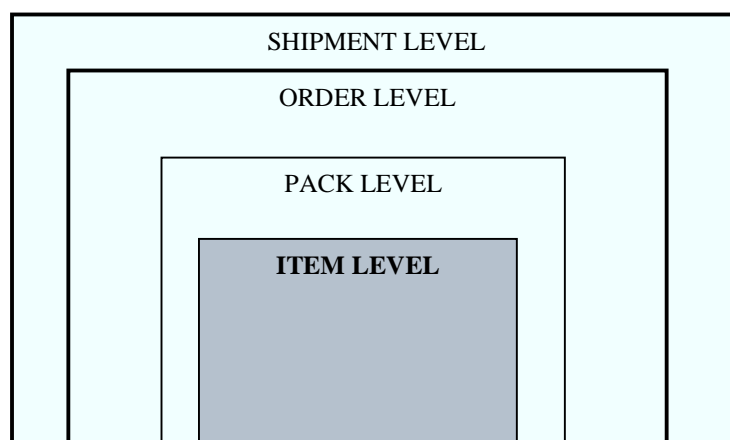
When packing level is used, two hierarchical data structures are supported: Pick and Pack and Standard Carton Pack. Each structure contains the same 4 levels, i.e., Shipment, Order, Pack, and Item and the usage of the segments within each level is basically the same. The only difference between the two structures is the order in which the levels may appear within the transaction (Use of BSN05). The essential difference in the two is where the Item level is positioned in relation to the Packaging level.

**IMPORTANT: ALL ADVANCE SHIPMENT NOTICE/MANIFEST DOCUMENTS NEED TO MATCH EXACTLY WHAT WILL BE RECEIVED ON THE PHYSICAL SHIPMENT.**

**Pick and Pack structure (BSN05 = “0001”):**

The Pick and Pack structure should be used in a Pick and Pack order filling environment. Typically when different SKUs are packed within the same physical shipping container [e.g., 48 men’s shirts in 3 colors and 4 sizes each (12 different U.P.C.s)], at least one packaging level must be included. The transaction hierarchy is:

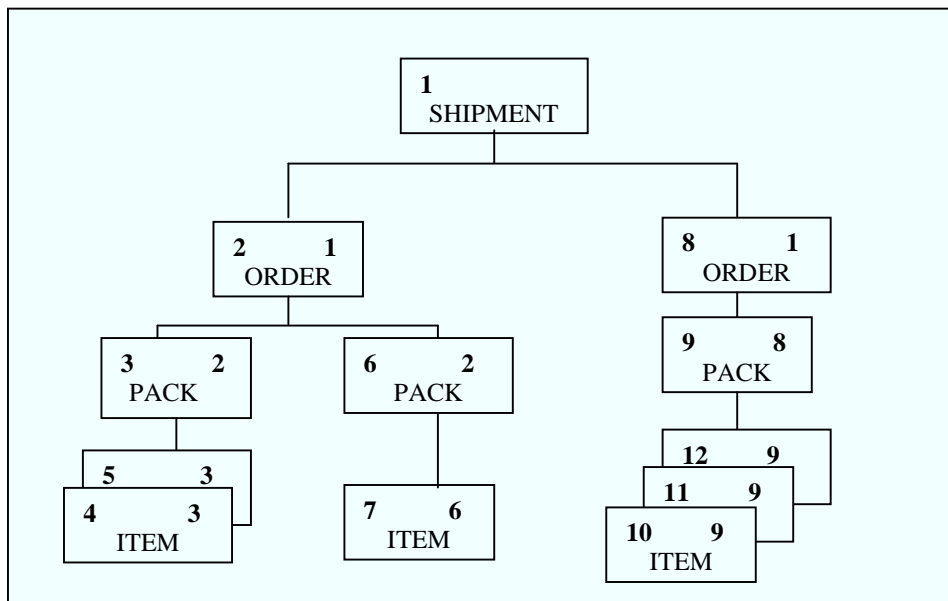
- Shipment,
- Order,
- Packaging,
- Item.



The Item level is subordinate to the Packaging levels (i.e., the specification of the SKU is always within the shipping container Pack level). The shipping container is specified, then all SKUs within the shipping container are identified.

- Different SKUs packed within a shipping container
- Item is the lowest level
- Item is subordinate to the packaging levels

In this Pick and Pack Structure example, the shipment contains two orders. The first order has two cartons. The first carton contains two items (SKUs). The second carton contains one SKU. The second order contains one carton with three SKUs in the carton. Each box represents one hierarchical level (one-HL segment followed by data segments). The number in each box (top left corner) is the hierarchical sequence number (the number in HL01). The number in the top right is the parent ID (HL02).

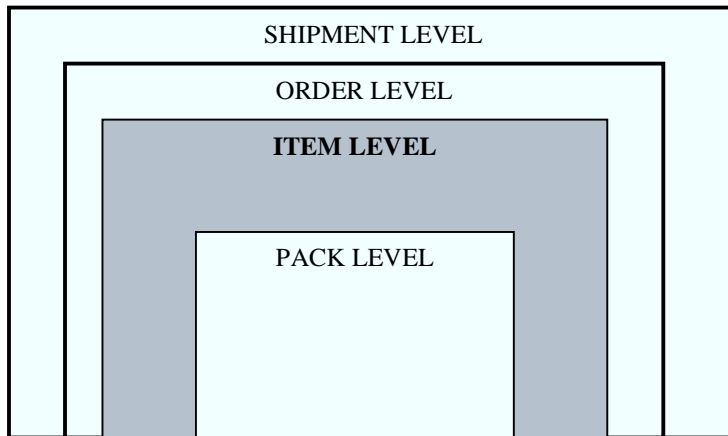


### **Standard Carton structure (BSN05 = “0002”):**

The Standard Carton Pack structure should be used in an environment where identical SKUs are packed within one or more physical shipping containers [e.g., 12 blue twin-size sheets (one U.P.C.)]. The transaction hierarchy is:

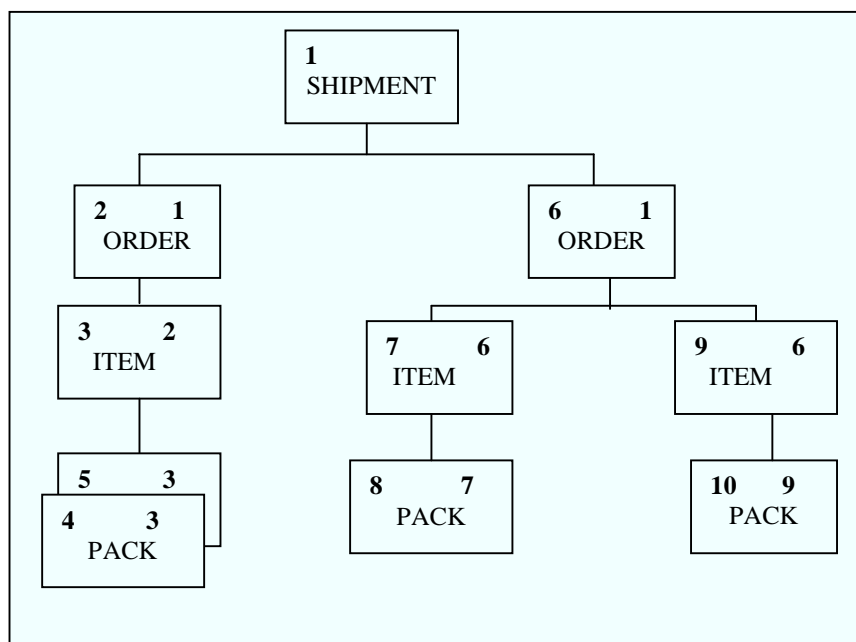
- Shipment,
- Order,
- Item, and
- Packaging

In this structure, the Item level is subordinate to the Order and the Packaging levels are subordinate to the Item level [e.g., the specification of the shipping containers is always within the SKU (Item level)]. Once the SKU is specified, then all the shipping containers for the SKUs are identified.



- Identical SKUs packed within a shipping container
- Pack is the lowest level
- Packaging is subordinate to the item level

In this Standard Structure example, the shipment contains two orders. The first order has two cartons having the same SKU#. The second order has two cartons each with a unique SKU#. Each box represents one hierarchical level (one-HL segment followed by data segments). The number in each box (top left corner) is the hierarchical sequence number (the number in HL01). The number in the top right is the parent ID (HL02).

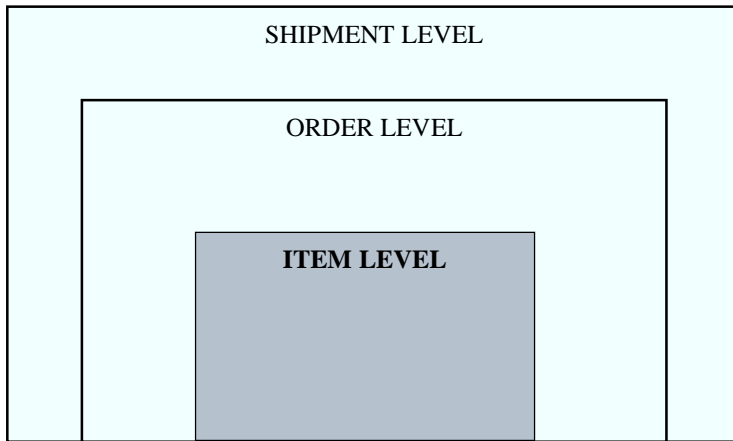


**Shipment, Order, Item structure (BSN05 = "0004"):**

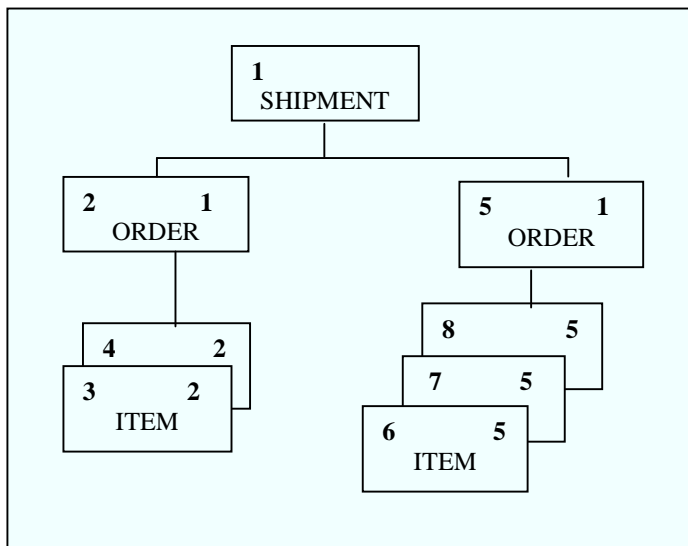
This structure is used for only these two cases:

1. When the entire shipment is for hanging items only and no there is no merchandise is packed in cartons.
2. When the shipment is shipped direct to the consumer.

**DO NOT USE THIS FORMAT IF YOU HAVE A MIXTURE OF HANGS AND FLAT ITEMS.**



Below a sample of shipment with two orders, the first order has two SKU's and the second order has three SKU's. No packing information is provided.



**Heading:**

<u>Seg. ID.</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
ST	Transaction Set Header	M	1		
BSN	Beginning Segment for Ship Notice	M	1		

**Detail – Shipment**

<u>Seg. ID.</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
<b>LOOP ID - HL</b>				200000	
HL	Hierarchical Level - Shipment Level	M	1		
TD1	Carrier Details (Quantity and Weight)	O	20		
TD5	Carrier Details (Routing Sequence/Transit Time)	M	12		
TD3	Trailer Number on a truckload shipment	O	12		
TD4	Carrier Detail ( Special Handling)	O	5		
REF	Reference Identification	M	>1		
PER	Administrative Communications Contact	O	3		
MAN	Marks and Numbers	O	>1		
DTM	Date/Time	M	10		
<b>LOOP ID – HL/N1</b>		M		200	
N1	Names related to shipment Header(loop)	M	1		
N2	Additional name Information	O	2		
N3	Address Information	O	2		
N4	Geographic Location	O	1		

**Detail – Order**

<u>Seg. ID.</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
<b>LOOP ID - HL</b>				200000	
HL	Hierarchical Level - Order Level	M	1		



PRF	Purchase Order Reference	M	1
TD1	Carrier Details (Quantity and Weight)	M	20
TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
TSD	Trailer Shipment Details	O	1
REF	Reference Identification	C	>1

<b>LOOP ID - HL/N1</b>		C	200
N1	Names related to shipment Header(loop)	M	1
N2	Additional name Information	O	2
N3	Address Information	O	2
N4	Geographic Location	O	1

**Detail – Pack**

<u>Seg. ID.</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
<b>LOOP ID - HL</b>				200000	
HL	Hierarchical Level - Pack Level	M	1		
PO4	Item Physical Details	O	1		
PKG	Marking, Packaging, Loading	C	25		
TSD	Trailer Shipment Details	O	1		
MAN	Marks and Numbers	O	>1		

**Detail – Item**

<u>Seg. ID.</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
<b>LOOP ID - HL</b>				200000	
HL	Hierarchical Level - Item Level	M	1		
LIN	Item Identification	M	1		
SN1	Item Detail	M	1		
SLN	SubLine Item Detail	O	1000		

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PO4	Item physical Detail	O	1
PKG	Marking, Packaging, Loading	O	25

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## Trailer

<u>Seg. ID.</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
CTT	Transaction Totals	M	1		
SE	Transaction Set Trailer	M	1		

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**Segment:** **ST** Transaction Set Header  
**Level:** Header  
**Loop:** \_\_\_\_\_  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the start of a transaction set and to assign a control number

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
ST01	143	Transaction Set Identifier Code 856	M	ID	3/3
		Ship Notice/Manifest			
ST02	329	Transaction Set Control Number	M	AN	4/9

**Sample:** ST|856|000001111

**Segment:** **BSN** Beginning Segment for Ship Notice  
**Level:** Header  
**Loop:** \_\_\_\_\_  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To transmit identifying numbers, dates, and other basic data relating to the transaction set

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
<u>Des.</u>	<u>Element</u>			<u>ID</u>	
BSN01	353	<b>Transaction Set Purpose Code</b> 0 Original 03 Cancel/Delete 05 Replace 07 Duplicate	M		2/2
BSN02	396	<b>Shipment Identification</b> A unique control number assigned by the original shipper to identify a specific shipment	M	AN	2/30
BSN03	373	<b>Date</b> ASN Create Date. Date expressed as CCYYMMDD	M	DT	8/8
BSN04	337	<b>Time</b> 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)	M	TM	4/8
BSN05	1005	<b>Hierarchical Structure Code</b> 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  0002 Shipment, Order, Item , Packaging Standard Carton Pack Structure  0004 Shipment, Order, Item	M	ID	4/4

**Sample:** BSN|00|00114569|20020730|11414956|0001

**Segment:** **HL** Hierarchical Level – Shipment level

**Level:** Detail -Shipment

**Loop:** HL **Usage:** Mandatory **Max Use:** 200000

**Usage:** Mandatory

**Max Use:** 1

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

- Notes:**
1. This HL segment marks the beginning of the shipment loop. The shipment level is Mandatory and may occur only once per transaction set.
  2. The value in HL01 will always be 1 for the first occurrence of the HL segment in the transaction set and will be incremented by 1 for each additional occurrence of the HL segment present within the transaction set.
  3. The shipment level specifies the details relative to the entire physical shipment and associated bill of lading.

**Data Element Summary**

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

**Sample:** HL|1|0|S

**Segment:** **TD1** Carrier Details (Quantity and Weight)  
**Level:** Detail -Shipment  
**Loop:** HL  
**Usage:** Optional  
**Max Use:** 20  
**Purpose:** To specify the transportation details relative to commodity, weight, and quantity  
**Syntax:** If either TD109 or TD110 is present, then the other is required.  
**Notes:** The lading quantity reflects the total number of cartons, containers or GOH pieces in the shipment as consigned to the carrier. The gross weight reflects the total weight in pounds of the shipment as stated on the bill of lading and as consigned to the carrier.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
<u>Des.</u>	<u>Element</u>				
TD101	103	<b>Packaging Code</b> Code identifying the type of packaging; Part 1: Packaging Form (Position 1-3), Part2: Packaging Material (Position 4-5) <u>Part1:</u> <b>BAG</b> Bag <b>CTN</b> Carton <b>PLT</b> Pallet <b>SLP</b> Slip sheet <b>SRW</b> Shrink Wrap <u>Part2:</u> <b>01</b> Aluminum <b>25</b> Corrugated or Solid <b>31</b> Fibre <b>58</b> Metal <b>76</b> Paper <b>79</b> Plastic <b>91</b> Steel <b>94</b> Wood	M	AN	5/5
<b>NOTE: BCF requires Both Part1 and Part2.</b>					
TD102	80	<b>Lading Quantity</b> The number of units in the shipment as described in TD101	M	N0	1/7
TD106	187	<b>Weight Qualifier</b> G Gross Weight	M	ID	1/2
TD107	81	<b>Weight</b>	M	R	1/10
TD108	355	<b>Unit or Basis for Measurement Code</b> KG Kilogram LB Pound	M	ID	2/2
TD109	183	<b>Volume</b> Gross volume of the shipment.	C	R	1/8

TD110	355	<b>Unit or Basis for Measurement Code</b>	<b>C</b>	<b>ID</b>	<b>2/2</b>
		CF			
		CR			
		CY			

**Sample:** TD1|CTN25|1|||G|36.55|LB

**Segment:** **TD5** Carrier Details (Routing Sequence/Transit Time)  
**Level:** Detail -Shipment  
**Loop:** HL  
**Usage:** Mandatory  
**Max Use:** 12  
**Purpose:** To specify the carrier and sequence of routing and provide transit time  
**Syntax:** If TD507 is present, then TD508 is required.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
<u>Des.</u>	<u>Element</u>				
TD501	133	<b>Routing Sequence Code</b> B Origin/Delivery Carrier (Any Mode)	O	ID	1/2
TD502	66	<b>Identification Code Qualifier</b> 2 Standard Carrier Alpha Code (SCAC)	M	ID	1/2
TD503	67	<b>Identification Code</b> Identification of the carrier as clarified in TD502	M	AN	2/80
TD504	91	<b>Transportation Method/Type Code</b> A Air AE Air Express BU Bus C Consolidated CE Customer Pickup/ Customer's Expense D Parcel Post E Expedited Truck H Customer Pickup L Contract Carrier LT Less Than Trailer Load (LTL) M Motor O Containerized Ocean P Private Carrier R Rail S Ocean SR Supplier Truck T Track U Private Parcel Service	M	ID	1/2
TD505	387	<b>Routing</b> Free Form description of routing	O	AN	1/35
TD507	309	<b>Location Qualifier</b> PA Port of Arrival PB Port of Discharge PE Port of Entry	O	ID	1/2
TD508	310	<b>Location Identifier</b> Geographic location as declared in TD507	C	AN	1/30

**Sample:** TD5|B|2|ABCD|M



**Segment:** **TD3** Carrier Details (Equipment)  
**Level:** Detail -Shipment  
**Loop:** HL  
**Usage:** Optional  
**Max Use:** 12  
**Purpose:** To specify transportation details relating to the equipment used by the carrier  
**Notes:** This segment is used to specify the trailer number for a truckload shipment

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
<b>TD301</b>	<b>40</b>	<b>Equipment Description Code</b>	<b>M</b>	<b>ID</b>	<b>2/2</b>
		CV Closed Van			
		FT Flat Bed Trailer			
		RT Controlled Temperature Trailer			
		TL Trailer (Not otherwise specified)			
<b>TD303</b>	<b>207</b>	<b>Equipment Number</b>	<b>M</b>	<b>AN</b>	<b>1/10</b>
		Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number preferred)			

**Sample:** TD3|FT|0001231234|120417

**Segment:** **TD4** Carrier Details (Special Handling or Hazardous Materials, or Both)

**Level:** Detail -Shipment

**Loop:** HL

**Usage:** Optional

**Max Use:** 5

**Purpose:** To specify transportation special handling requirements, or hazardous materials information, or both.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
<u>Des.</u>	<u>Element</u>			<u>ID</u>	
TD401	152	<b>Special Handling Code</b>	M		2/3
		CC Full Container, Consolidator Load Full container			
		CF Full Container, Factory Load Full container, not to be opened for consolidation			
		LN Less Than Container, Consolidator Load			
		LR Less Than Container, Factory Load			
		TC Full Trailer, Consolidator Load Full trailer			
		TF Full Trailer, Factory Load Full trailer, not to be opened for consolidation			

**Sample:** TD4|CC

Segment: **REF** Reference Identification

Level: Detail -Shipment

Loop: HL

Usage: Mandatory

Max Use: >1

Purpose: To specify identifying information.

Notes: **Burlington Coat Factory requires at least Bill of lading with “BM” qualifier or Carrier’s Pro Number with “CN” qualifier needs to be present.**

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
<u>Des.</u>	<u>Element</u>				
REF01	128	Reference Identification Qualifier	M	ID	2/3
		AO Appointment Number (Receiver’s appointment number)			
		BM Bill of lading			
		CN Carrier’s PRO number			
REF02	127	Reference Identification	M	ID	1/30

Sample: REF|BM|00744433322211155  
 REF|CN|TR#111-222333-0

**Segment:** **PER** Administrative Communication Contact  
**Level:** Detail -Shipment  
**Loop:** HL  
**Usage:** Optional  
**Max Use:** 3  
**Purpose:** To identify a person or office to whom administrative communications should be directed.  
**Syntax:** If either PER03 or PER04 is present, then the other is required.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
<u>Des.</u>	<u>Element</u>				
PER01	366	<b>Contact Function Code</b> DI Delivery Instructions Contact	M	ID	2/2
PER02	93	<b>Name</b> Free form persons name	O	AN	1/60
PER03	365	<b>Communication number qualifier</b> TE Telephone number qualifier	C	ID	2/2
PER04	364	<b>Communication number</b> Complete communications number including country or area code when applicable	C	AN	1/80

**Sample:** PER|DI|Philip Smith |TE|123-5555-444

**Segment:** **MAN** Marks and Numbers  
**Level:** Detail -Shipment  
**Loop:** HL  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To indicate identifying marks and numbers for shipping containers  
**Notes:** This segment, at the shipment level, is used to specify a single UCC/EAN-128 Serial shipping Container Code (SSCC18) to identify an entire shipment (full trailer)

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
<u>Des.</u>	<u>Element</u>				
MAN01	88	<b>Marks and Numbers Qualifier</b> 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.	M	ID	1/2
MAN02	87	<b>Marks and Numbers</b> Marks and numbers used to identify a shipment or parts of a shipment	M	AN	1/48

**Sample:** MAN|GM|00000111222333444555

**Segment:** **DTM** Date/Time Reference  
**Level:** Detail -Shipment  
**Loop:** HL  
**Usage:** Mandatory  
**Max Use:** 10  
**Purpose:** To specify pertinent dates and times  
**Notes:** Burlington Coat Factory requires at least the Ship Date with "011" qualifier in DTM01.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>ID</u>	
DTM01	374	Date/Time Qualifier	M		3/3
		011 Shipped			
		017 Estimated Delivery			
		067 Current Schedule Delivery			
		068 Current Schedule ship			
		AA1 Estimated Point of Arrival			
		AA2 Estimated Point of Discharge			
DTM02	373	Date	M	DT	8/8
		Date of shipment. Format is CCYYMMDD			
DTM03	337	Time	O	TM	4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HMMSS, 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)			

Sample: DTM|011|20020125

**Segment:** **N1** Name  
**Level:** Detail- Shipment  
**Loop:** HL/N1                      **Usage:** Mandatory                      **Max Use:** 200  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name, and code.  
**Syntax:** If either N103 or N104 is present, then the other is required.  
**Notes:** N103 and N104 are required except when N101 contains code "OB".  
 N102 is required if N101 contains code "OB" or "SF".

**Burlington Coat Factory Address Validation:**

- **Ship From address with "SF" qualifier is required.**
- **It is necessary to send the full address information for the ship from address (Need to send at least N4 segment).**
- **Ship To address with "ST" qualifier is required in the shipment level if no Buying Party with "BY" qualifier is present in the order level and the shipment is not direct to consumer.**
- **If the shipment is direct to consumer, the Ordered By address with "OB" qualifier is required in the shipment level or in the order level and the Ship To address is not required.**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>ID</u>	
N101	98	<b>Entity Identifier code</b>	M	2/3
		OB      Ordered By ( Customer of retailer)		
		ST      Ship To		
		SF      Ship From		
N102	93	<b>Name</b>	C	1/60
		Free Form Name		
N103	66	<b>Identification Code qualifier</b>	C	1/2
		1      D-U-N-S Number, Dun & Bradstreet		
		9      D-U-N-S+4, D-U-N-S Number with Four Character Suffix		
		91     Assigned by Seller or Seller's Agent		
		92     Assigned by buyer or Buyer's Agent		
		93     Code assigned by the organization originating the transaction set		
		94     Code assigned by the organization that is the ultimate destination of the transaction set		
		UL     UCC/EAN Location Code		
N104	67	<b>Identification Code</b>	C	2/80
		<u>If N101 equal to "ST"</u> : N103 should be "92" and N104 should be Burlington Coat Factory Store# or DC#.		
		<u>If N101 equal to "SF"</u> : The vendor has the option to send their Identification code qualifier in N103 and the good identification code in N104.		
		<u>If N101 equal to "OB"</u> : there is no need to send N103 and N104.		

**Sample:** N1 | ST | BURLINGTON | 92 | 053

**Segment:** N2 Additional name Information  
**Level:** Detail-Shipment  
**Loop:** HL/N1  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify additional names

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>		<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>			
N201	93	Name Free-form name	M	AN	1/60
N202	93	Name Free Form Name	O	AN	1/60

**Sample:** N2|Name1|Name2



**Segment:** N3 Address Information  
**Level:** Detail-Shipment  
**Loop:** HL/N1  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify the location of the named party.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>		<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>			
N301	166	Address Information	M	AN	1/55
N302	166	Address Information	O	AN	1/55

**Sample:** N3| Address Line1| Address Line2

**Segment:** **N4** Geographic location  
**Level:** Detail-Shipment  
**Loop:** HL/N1  
**Usage:** Conditional  
**Max Use:** 1  
**Purpose:** To specify the geographic place of the named party

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
<u>Des.</u>	<u>Element</u>				
N401	19	City Name	M	AN	2/30
N402	156	State or Province Code	M	ID	2/2
N403	116	Postal Code	O	ID	3/15
N404	26	Country Code	O	ID	2/3

**Sample:** N4|Burlington|NJ| 08016|US

**Segment:** **HL** Hierarchical Level – Order Level

**Level:** Detail -Order

**Loop:** HL **Usage:** Mandatory **Max Use:** 200000

**Usage:** Mandatory

**Max Use:** 1

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

**Notes:** This HL segment marks the beginning of the order loop. The order level is Mandatory and may occur only once per transaction set.

Data Element Summary

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

**Sample:** HL|2||O

**Segment:** **PRF** Purchase Order Reference  
**Level:** Detail -Order  
**Loop:** HL  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To provide reference to a specific purchase order.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
<u>Des.</u>	<u>Element</u>				
PRF01	324	<b>Purchase Order Number</b> Retailer's original purchase order number.	M	AN	1/22
PRF02	328	<b>Release Number</b> Retailer's release against a Purchase Order	O	AN	1/30
PRF04	373	<b>Date</b> Purchase Order Date expressed as CCYYMMDD	O	DT	8/8

**Sample:** PRF|111222333

**Segment:** **TD1** Carrier Details (Quantity and Weight)  
**Level:** Detail -Order  
**Loop:** HL  
**Usage:** Mandatory  
**Max Use:** 20  
**Purpose:** To specify the transportation details relative to commodity, weight, and quantity.  
**Syntax:** If either TD109 or TD110 is present, then the other is required.  
**Notes:** This segment, at the order level, is used to specify the number and type of shipping containers in the order.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
<b>TD101</b>	<b>103</b>	<b>Packaging Code</b> Code identifying the type of packaging; Part 1: Packaging Form (Position 1-3), Part2: Packaging Material (Position 4-5) <u>Part1:</u> <b>BAG</b> Bag <b>CTN</b> Carton <b>PLT</b> Pallet  <u>Part2:</u> <b>01</b> Aluminum <b>25</b> Corrugated or Solid <b>31</b> Fibre <b>76</b> Paper <b>79</b> Plastic <b>94</b> Wood <b>NOTE : BCF requires Both Part1 and Part2.</b>	<b>M</b>	<b>AN</b>	<b>5/5</b>
<b>TD102</b>	<b>80</b>	<b>Lading Quantity</b> The number of units in the shipment as described in TD101	<b>M</b>	<b>N0</b>	<b>1/7</b>
<b>TD106</b>	<b>187</b>	<b>Weight Qualifier</b> <b>G</b> Gross Weight	<b>M</b>	<b>ID</b>	<b>1/2</b>
<b>TD107</b>	<b>81</b>	<b>Weight</b>	<b>M</b>	<b>R</b>	<b>1/10</b>
<b>TD108</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b> <b>KG</b> Kilogram <b>LB</b> Pound	<b>M</b>	<b>ID</b>	<b>2/2</b>
<b>TD109</b>	<b>183</b>	<b>Volume</b> Gross volume of the shipment.	<b>O</b>	<b>R</b>	<b>1/8</b>
<b>TD110</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b> <b>CF</b> Cubic Feet <b>CR</b> Cubic Meter <b>CY</b> Cubic Yard	<b>C</b>	<b>ID</b>	<b>2/2</b>

**Sample:** TD1|CTN25|1|||G|36.55|LB

**Segment:** **TD5** Carrier Details (Routing Sequence/Transit Time)  
**Level:** Detail -Order  
**Loop:** HL  
**Usage:** Optional  
**Max Use:** 12  
**Purpose:** To specify the carrier and sequence of routing and provide transmit time information.  
**Notes:** This segment, at the order level, is used to specify the status of the order.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
<u>Des.</u>	<u>Element</u>			<u>ID</u>	
TD506	368	Shipment/Order status code	M		2/2
		BK Back Ordered			
		BP Shipment Partial			
		CC Shipment Complete			
		CM Shipment Complete with adds			
		CS Shipment Complete with substitution			
		PR Partial shipment			
		SS Split Shipment			

Sample: TD5|||||CC

**Segment:** **TSD** Trailer shipment Details  
**Level:** Detail -Order  
**Loop:** HL  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify details of shipments on a trailer.  
**Notes:** This segment is used to indicate the location of all cartons within the trailer/Container

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
TSD01	350	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set. Indicates the loading sequence.	O	AN	1/20
TSD02	219	<b>Position</b> Relative position of shipment in car, trailer, or container (mutually defined) 1 First quarter of the trailer/container 2 Second quarter of the trailer/container 3 Third quarter of the trailer/container 4 Fourth quarter of the trailer/container	O	AN	1/3

**Sample:** TDS||2

**Segment:** **REF** Reference Identification  
**Level:** Detail -Order  
**Loop:** HL  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify Identifying information

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
<b>REF01</b>	<b>128</b>	<b>Reference Identification Qualifier</b>	<b>M</b>	<b>ID</b>	<b>2/3</b>
		<b>6B</b> U.S. Customs Service (USCS) Entry Number			
		<b>CO</b> Customer Order Number			
		<b>DP</b> Department Number			
		<b>IA</b> Internal Vendor Number			
		<b>IT</b> Internal Customer Number			
		<b>IV</b> Seller's Invoice Number			
		<b>VN</b> Vendor Order Number			
<b>REF02</b>	<b>127</b>	<b>Reference Identification</b>	<b>M</b>	<b>AN</b>	<b>1/30</b>

**Sample:** REF|CO|00112233





**Segment:** N2 Additional name Information  
**Level:** Detail -Order  
**Loop:** HL/N1  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify additional names

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>		<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>			
N201	93	Name Free-form name	M	AN	1/60
N202	93	Name Free Form Name	O	AN	1/60

**Sample:** N2|Name1|Name2

**Segment:** **N3** Address Information  
**Level:** Detail -Order  
**Loop:** HL/N1  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify the location of the named party.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>		<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>			
N301	166	Address Information	M	AN	1/55
N302	166	Address Information	O	AN	1/55

**Sample:** N3| Address Line1| Address Line2

**Segment:** **N4** Geographic location  
**Level:** Detail -Order  
**Loop:** HL/N1  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the geographic place of the named party

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>		<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>			
N401	19	City Name	M	AN	2/30
N402	156	State or Province Code	M	ID	2/2
N403	116	Postal Code	O	ID	3/15
N404	26	Country Code	O	ID	2/3

**Sample:** N4|Burlington|NJ| 08016|USA



Segment: **PO4** Item Physical Details

Level: Detail –Pack

Loop: HL

Usage: Optional

Max Use: 1

Purpose: To specify the physical qualities, packaging, weights, and dimensions relating to the item.

Notes: PO414 should be used only if there are inner containers in each outer container.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
<u>Des.</u>	<u>Element</u>	<u>Pack</u>			
PO401	356	Pack	O	N0	1/6
		The number of inner containers, or number of eaches if there are no inner containers, per outer container			
PO414	810	Inner Pack	O	N0	1/6
		The number of eaches per inner container.			

Sample: PO4|6|■■■■■■■■■■1

**Segment:** **PKG** Marketing, packaging, Unloading requirements  
**Level:** Detail –Pack  
**Loop:** HL  
**Usage:** Conditional  
**Max Use:** 25  
**Purpose:** To describe marking, packaging, loading, and unloading requirements.  
**Notes:** Burlington Coat Factory requires this segment if BSN05 = ‘0001’ or BSN05 = ‘0002’.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
<u>Des.</u>	<u>Element</u>			<u>ID</u>	
PKG03	559	Agency Qualifier Code VI Voluntary interindustry communication Standards	M	ID	2/2
PKG04	754	<b>Packaging Description code</b> A code from an industry code list, which provides data about the marking. Part1: Container Type (Position 1) <b>L</b> Logical Container ( for type 6) <b>P</b> Physical container Part2: Container Configuration (Positions 2 and 3) <b>01</b> Carton <b>02</b> Carton, Hanging Garments <b>03</b> Carton, With hangers (Not hanging) <b>04</b> Carton, With identifiable inner packs <b>05</b> Carton, With unidentifiable inner packs <b>06</b> Rack, Hanging Garments (GOH)	M	AN	1/7

**NOTE: BCF requires both Part1 and Part2.**

**Sample:** PKG || |VI|P01

**Segment:** **TSD** Trailer shipment Details  
**Level:** Detail –Pack  
**Loop:** HL  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify details of shipments on a trailer.  
**Notes:** This segment is used to indicate the location of all cartons within the trailer/Container

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
<u>Des.</u>	<u>Element</u>				
TSD01	350	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set. Indicates the loading sequence	O	AN	1/20
TSD02	219	<b>Position</b> Relative position of shipment in car, trailer, or container (mutually defined) 1 First quarter of the trailer/container 2 Second quarter of the trailer/container 3 Third quarter of the trailer/container 4 Fourth quarter of the trailer/container	O	AN	1/3

Sample: TSD|4



**Segment:** **MAN** Marks and Numbers

**Level:** Detail -Pack

**Loop:** HL

**Usage:** Mandatory

**Max Use:** > 1

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

- Notes:**
- **Burlington Coat Factory requires a MAN segment with “GM” qualifier for all the packs.**
  - **A second segment with “CP” qualifier is requested to identify the carrier-assigned package ID number for any partial shipment.**

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>			
MAN01	88	Date/Time Qualifier	M	ID	1/2
		CP Carrier-Assigned Package ID Number			
		GM SSCC-18 and Application identifier This is a twenty-character UCC/EAN-128 Serial Container Code (SSCC-18) that includes the two digit application identifier. The symbology code and the modulo 103 check digit are not included.			
MAN02	87	Marks and Numbers	M	AN	1/48

**Sample:** MAN|GM|00000112230000111000  
 MAN|CP|0123456789

**Segment:** **HL** Hierarchical Level – Item Level

**Level:** Detail - Item

**Loop:** HL **Usage:** Mandatory **Max Use:** 200000

**Usage:** Mandatory

**Max Use:** 1

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

**Notes:** This HL segment marks the beginning of the item loop. The item level is Mandatory and may occur only once per transaction set.

Data Element Summary

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

**Sample:** HL|5||I

Segment: **LIN** Item description

Level: Detail -Item

Loop: HL

Usage: Mandatory

Max Use: 1

Purpose: To specify basic item identification data.

- Syntax:
- If either LIN04 or LIN05 is present, then the other is required.
  - If either LIN06 or LIN07 is present, then the other is required.
  - If either LIN08 or LIN09 is present, then the other is required.
  - If either LIN10 or LIN11 is present, then the other is required.
  - If either LIN12 or LIN13 is present, then the other is required.
  - If either LIN14 or LIN15 is present, then the other is required.
  - If either LIN16 or LIN17 is present, then the other is required.
  - If either LIN18 or LIN19 is present, then the other is required.
  - If either LIN20 or LIN21 is present, then the other is required.
  - If either LIN22 or LIN23 is present, then the other is required.

Notes: **BURLINGTON COAT FACTORY rules to accept the shipment document:**

- The Burlington Coat Factory's Sku code (with "IN" qualifier) or the Vendor UPC Code (with "UP" qualifier) needs to be present.
- If the Burlington Coat Factory's Style (with "IT" qualifier) or the Vendor Style (with "VA" qualifier) is sent on the corresponding EDI order document then it's required on its accompanying 856 document.

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
LIN02	235	<b>Product Service Identification Qualifier</b>	M	ID	2/2
		BO Buyer's Color			
		IN Buyer's Item Number			
		IT Buyer's Style Number			
		IZ Buyer's Size Number			
		SZ Vendor's Size Number			
		UP UPC Code			
		VA Vendor's Style Number			
		VE Vendor Color			
LIN03	234	<b>Product Service ID</b>	M	AN	1/48
LIN04	235	<b>Product/Service ID Qualifier</b>	C	ID	2/2
LIN05	234	<b>Product/Service ID</b>	C	AN	1/48
LIN06	235	<b>Product/Service ID Qualifier</b>	C	ID	2/2
LIN07	234	<b>Product/Service ID</b>	C	AN	1/48
LIN08	235	<b>Product/Service ID Qualifier</b>	C	ID	2/2
LIN09	234	<b>Product/Service ID</b>	C	AN	1/48

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LIN10	235	Product/Service ID Qualifier	C	ID	2/2
LIN11	234	Product/Service ID	C	AN	1/48
LIN12	235	Product/Service ID Qualifier	C	ID	2/2
LIN13	234	Product/Service ID	C	AN	1/48
LIN14	235	Product/Service ID Qualifier	C	ID	2/2
LIN15	234	Product/Service ID	C	AN	1/48
LIN16	235	Product/Service ID Qualifier	C	ID	2/2
LIN17	234	Product/Service ID	C	AN	1/48
LIN18	235	Product/Service ID Qualifier	C	ID	2/2
LIN19	234	Product/Service ID	C	AN	1/48
LIN20	235	Product/Service ID Qualifier	C	ID	2/2
LIN21	234	Product/Service ID	C	AN	1/48
LIN22	235	Product/Service ID Qualifier	C	ID	2/2
LIN23	234	Product/Service ID	C	AN	1/48

Sample: LIN|IN|68408644|IT|2843|BO|BLUE|IZ| 32#30

**Segment:** **SN1** Line Item Detail

**Level:** Detail - Item

**Loop:** HL

**Usage:** Mandatory

**Purpose:** To specify line-item detail relative to shipment

**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

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
<u>Des.</u> SN102	<u>Element</u> 382	<b>Number of Units shipped</b> Quantity of units shipped for each line Item ID	M	R	1/10
SN103	355	<b>Unit of Measure Code</b> AS assortment EA each	M	ID	2/2

**Sample:** SN1||14|AS

**Segment:** **SLN** Subline Item Detail

**Level:** Detail -Item

**Loop:** HL

**Usage:** Optional

**Max Use:** 1000

**Purpose:** To specify product subline detail item data.

- Syntax:**
- If either SLN11 or SLN 12 is present, then the other is required.
  - If either SLN 13 or SLN 14 is present, then the other is required.
  - If either SLN 15 or SLN 16 is present, then the other is required.
  - If either SLN 17 or SLN 18 is present, then the other is required.
  - If either SLN 19 or SLN 20 is present, then the other is required.
  - If either SLN 21 or SLN 21 is present, then the other is required.
  - If either SLN 23 or SLN 24 is present, then the other is required.

**Notes:** **BURLINGTON COAT FACTORY rules to accept the shipment document:**

- The Burlington Coat Factory's Sku code (with "IN" qualifier) or the Vendor UPC Code (with "UP" qualifier) needs to be present.
- The Burlington Coat Factory's Style (with "IT" qualifier) or the Vendor Style (with "VA" qualifier) needs to be present.
- The SLN segment can be sent in order to clarify the pack structure.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
SLN01	350	Assigned Identification	M	AN	1/20
SLN03	662	Relationship code D Delete I Include S Substitute Substitutions are only allowed by special prior agreement.	M	ID	1/1
SLN04	380	Quantity	M	R	1/15
SLN05	355	Composite unit of measure EA	M	ID	2/2
SLN09	235	Product/Service ID Qualifier BO Buyer's Color IN Buyer's Item Number IT Buyer's Style Number IZ Buyer's Size Number SZ Vendor's Size Number UP UPC Code VA Vendor's Style Number VE Vendor Color	M	ID	2/2
SLN10	234	Product/Service ID	M	AN	1/48
SLN11	235	Product/Service ID Qualifier	C	ID	2/2

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SLN12	234	Product/Service ID	C	AN	1/48
SLN13	235	Product/Service ID Qualifier	C	ID	2/2
SLN14	234	Product/Service ID	C	AN	1/48
SLN15	235	Product/Service ID Qualifier	C	ID	2/2
SLN16	234	Product/Service ID	C	AN	1/48
SLN17	235	Product/Service ID Qualifier	C	ID	2/2
SLN18	234	Product/Service ID	C	AN	1/48
SLN19	235	Product/Service ID Qualifier	C	ID	2/2
SLN20	234	Product/Service ID	C	AN	1/48
SLN21	235	Product/Service ID Qualifier	C	ID	2/2
SLN22	234	Product/Service ID	C	AN	1/48
SLN23	235	Product/Service ID Qualifier	C	ID	2/2
SLN24	234	Product/Service ID	C	AN	1/48

**Sample:** SLN|1||I|6|EA||||IN|15769637|IT|P-0421|BO|RED|IZ| 34#32

**Segment:** **PO4** Item Physical Details

**Level:** Detail – Item

**Loop:** HL

**Usage:** Optional

**Max Use:** 1

**Purpose:** To specify the physical qualities, packaging, weights, and dimensions relating to the item.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
<u>Des.</u>	<u>Element</u>				
PO401	356	Pack The Number of inner containers or number of eaches if there are no inner containers, per outer container.	M	N0	1/6
PO414	810	Inner Pack The number of eaches per inner container.	M	N0	1/6

**Sample:** PO4|4||| ||||| |||3



**Segment:** **PKG** Marketing, packaging, Unloading requirements  
**Level:** Detail –Item  
**Loop:** HL  
**Usage:** Optional  
**Max Use:** 25  
**Purpose:** To describe marking, packaging, loading, and unloading requirements

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
<u>Des.</u>	<u>Element</u>				
PKG01	349	Item Description Type S Structured	O	ID	1/1
PKG02	753	Packaging characteristic Code UP Unit Pack (Reshipable) IP Intermediate Pack (Non Reshipable)	O	ID	1/5
PKG03	559	Agency Qualifier Code VI Voluntary interindustry communication Standards	M	ID	2/2
PKG04	754	Packaging Description code A code from an industry code list, which provides data about the marking. Part1: Service Type (Position 1 and 2) HN Hanger Service not as requested TN Ticketing Service Not as requested Part2: Ticketing Service (Positions 3 and 4) 01 No ticket 02 Hang Tag (swiftach) 03 Gummed label 04 Pin ticket 05 String ticket 06 Hang Tag (securtach) 07 Dumbell Gum (Jewelry) 08 Double gummed label (peel off on gummed label) 09 Non-Standard Ticket	M	AN	1/7

**Sample:** PKG | S | UP | VI | HN01

**Segment:** **CTT** Transaction Totals

**Level:** Trailer

**Loop:** \_\_\_\_\_

**Usage:** Mandatory

**Max Use:** 1

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

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>		<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>			
CTT01	354	Number of Line Items The number of HL segments present in the transaction	M	N0	1/6

**Sample:** CTT|123

**Segment:** **SE** Transaction Set Trailer

**Level:** Trailer

**Loop:** \_\_\_\_\_

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To indicate the end of the transaction set and provide the count of the transmitted segments (Including the beginning "ST" and the ending "SE" segments).

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
<u>Des.</u>	<u>Element</u>				
SE01	96	<b>Number of Included Segments</b> Total number of segments included in a transaction set including ST and SE segments.	M	N0	1/10
SE02	329	<b>Transaction Set control Number</b> This must be the same number as is in the ST segment (ST02) for the transaction set.	M	AN	4/9

**Sample:** SE | 67 | 000001777

**Useful notes about the Line Items:**

Below some details on how Burlington Coat Factory accepts the line item details compared to what you will receive in the EDI purchase order (850):

Purchase order (850) Lines	Equivalent ASN (856) Lines
Bulk Line Item: PO1 1 100 EA 6 WE IN 10000001 IT STYLE 1 BO COLOR IZ SIZE 1	LIN  IN 10000001 IT STYLE 1 BO COLOR IZ SIZE 1 SN1  100 EA
Prepack Line Item: PO1 1 100 AS 6 WE IN PO1234567LN1 SLN 1  I 2 EA 1 WE IN 10000001 IT STYLE 1 BO COLOR IZ SIZE 1 SLN 2  I 2 EA 1 WE IN 10000002 IT STYLE 1 BO COLOR IZ SIZE 2 SLN 3  I 2 EA 1 WE IN 10000003 IT STYLE 1 BO COLOR IZ SIZE 3	The following two options are acceptable: LIN  IN PO1234567LN1 SN1  100 AS SLN 1  I 2 EA 1 WE IN 10000001 IT STYLE 1 BO COLOR IZ SIZE 1 SLN 2  I 2 EA 1 WE IN 10000002 IT STYLE 1 BO COLOR IZ SIZE 2 SLN 3  I 2 EA 1 WE IN 10000003 IT STYLE 1 BO COLOR IZ SIZE 3 This is the preferred option for Burlington Coat Factory. LIN  IN PO1234567LN1 SN1  100 AS

**SAMPLE 1 --- Single order, Pick and Pack structure**

The following example depicts a single supplier order, which contains 2 different cartons. The first carton contains 2 different items. The first SKU has a total of 27 units. The second SKU has a total of 21 units. The second carton is similar to the first with different SKU.

**EDI Document:**

ST|856|001301  
 BSN|00|12345|20021125|111008|0001  
 HL|1||S  
 TD5|B|2|BBBB|M|THE BEST CARRIER  
 REF|BM|11133333  
 DTM|011|20021210  
 N1|ST||92|22  
 N1|SF|BCF VENDOR|91|133  
 N4|NYC|NY|10001|US  
 HL|2|1|O  
 PRF|12345678  
 TD1|CTN25|2|||G|188|LB  
 HL|3|2|P  
 PKG|||VI|P01  
 MAN|GM|0000011111122222222  
 HL|4|3|I  
 LIN||IN|111222333|IT|STYLEA|UP|011111222333  
 SN1||27|EA  
 HL|5|3|I  
 LIN||IN|111222444|IT|STYLEB|UP|011111222444  
 SN1||21|EA  
 HL|6|2|P  
 MAN|GM|0000011111133333333  
 HL|7|6|I  
 LIN||IN|111222555|IT|STYLEC|UP|011111222555  
 SN1||12|EA  
 HL|8|6|I  
 LIN||IN|111222666|IT|STYLED|UP|011111222666  
 SN1||36|EA  
 CTT|8  
 SE|31|001301

**EDI TRANSMISSION**

ST|856|001301

BSN|00|12345|20021125|111008|0001

HL|1||S

TD5|B|2|BBBB|M|THE BEST CARRIER

**DATA EXPLANATION**

856 indicates Transaction Set 856; 001301 is the EDI control number.

00 indicates this is an original transaction set; 12345 is the ship notice number; 20021125 is the date (November 25,2002); 111008 indicates the time is 11:10 A.M. (08 seconds); 0001 indicates the transaction set structure is Pick and Pack.

1 indicates this is the first occurrence of the HL segment in the transaction set; S indicates the hierarchical level is Shipment.

2 indicates the presence of a Standard Alpha Carrier Code (SCAC) code, BBBB indicates the SCAC for The Best Carrier company.

<b>REF BM 11133333</b>	BM indicates the number that follows is a Bill of Lading number; 11133333 is the Bill of Lading (BOL) number.
<b>DTM 011 20021210</b>	011 indicates the date that follows is the shipped date; 20021210 is the date of shipment, December 10, 2002
<b>N1 ST 92 22</b>	ST indicates the segment is describing the ship to location for the shipment; 92 indicates the element that follows is a code assigned by the buyer; 22 is the ship to location ( 22 is BCF store#).
<b>N1 SF  BCF VENDOR  91 133</b>	SF indicates the segment is describing the ship from location for the shipment; the shipment was made from the seller location 133.
<b>N4 NYC NY 10001 US</b>	10001 indicates the zip code of the ship from location and USA is the country of the ship from address.
<b>HL 2 1 O</b>	2 indicates the second occurrence of the HL segment in the transaction set; 1 indicates the hierarchical Parent ID Number; O indicates the hierarchical level is Order.
<b>PRF 12345678</b>	BCF purchase order is 12345678.
<b>TD1 CTN25 2   G 188 LB</b>	CTN25 indicates product is packed in corrugated or solid carton; 2 indicates the number of cartons being shipped; G is ID code that indicates type of weight is gross weight; LB indicates that pounds is the weight unit of measure; 188 pounds gross weight.
<b>HL 3 2 P</b>	3 indicates the third occurrence of the HL segment in the transaction set; 2 indicates the hierarchical Parent ID Number; P indicates the hierarchical level is Pack.
<b>PKG  VI P01</b>	VI a constant value to indicate the agency qualifier Code; P01 indicates that this is a physical carton container.
<b>MAN GM 000001111112222222</b>	GM indicates the number that follows is a UCC/EAN-128 Serial Shipping Container Code (SSCC-18); 000001111112222222 is the actual bar coded number.
<b>HL 4 3 I</b>	4 indicates the fourth occurrence of the HL segment in the transaction set; 3 indicates the hierarchical Parent ID Number; I indicates the hierarchical level is Item (the data that follows is about the SKU shipped).
<b>LIN  IN 111222333 IT STYLEA UP 01111222333</b>	IN Indicates BCF sku number that was sent in the order. 111222333 is the actual BCF sku number. IT indicates the BCF style and UP indicates the number is a U.P.C.-A Consumer Package Code; 01111222333 is the actual U.P.C. code.
<b>SN1  27 EA</b>	27 units were shipped.

<b>HL 5 3 I</b>	5 indicates the fifth occurrence of the HL segment in the transaction set; 3 indicates the hierarchical Parent ID Number; I indicates the hierarchical level is Item (another SKU in the same carton).
<b>LIN  IN 111222444 IT STYLEB UP 01111222444</b>	IN Indicates BCF sku number that was sent in the order. 111222444 is the actual BCF sku number. IT indicates BCF style and UP indicates the number is a U.P.C.-A Consumer Package Code; 01111222444 is the actual U.P.C. code.
<b>SN1  21 EA</b>	21 units were shipped.
<b>HL 6 2 P</b>	6 indicates the sixth occurrence of the HL segment in the transaction set; 2 indicates the hierarchical Parent ID Number; P indicates the hierarchical level is Pack.
<b>MAN GM 0000011111133333333</b>	GM indicates the number that follows is a UCC/EAN-128 Serial Shipping Container Code (SSCC-18); 0000011111133333333 is the actual bar coded number.
<b>HL 7 6 I</b>	7 indicates the seventh occurrence of the HL segment in the transaction set; 6 indicates the hierarchical Parent ID Number; I indicates the hierarchical level is Item.
<b>LIN  IN 111222555 IT STYLEC UP 01111222555</b>	IN Indicates BCF sku number that was sent in the order. 111222555 is the actual BCF sku number. IT indicates BCF style and UP indicates the number is a U.P.C.-A Consumer Package Code; 01111222555 is the actual U.P.C. code.
<b>SN1  12 EA</b>	12 units were shipped.
<b>HL 8 6 I</b>	8 indicates the eighth occurrence of the HL segment in the transaction set; 6 indicates the hierarchical Parent ID Number; I indicates the hierarchical level is Item.
<b>LIN  IN 111222666 IT STYLED UP 01111222666</b>	IN Indicates BCF sku number that was sent in the order. 111222666 is the actual BCF sku number. IT indicates BCF style and UP indicates the number is a U.P.C.-A Consumer Package Code; 01111222666 is the actual U.P.C. code.
<b>SN1  36 EA</b>	36 units were shipped.
<b>CTT 8</b>	8 indicates the number of HL segments present in the transaction set.
<b>SE 31 001301</b>	31 is the number of included segments in this transaction set; 001301 is the control number.

**SAMPLE 2 --- Multiple orders, Pick and Pack structure**

The following example depicts two supplier orders, which are being shipped to two different stores. This example is similar to the “Single Order – Pick and Pack” example, however, there are multiple packs within the cartons and a detail of the pack structure needs to be sent.

**EDI Document:**

```

ST|856|001302
BSN|00|12346|20021225|111008|0001
HL|1||S
TD5|B|2|BBBB|M|THE BEST CARRIER
REF|BM|11133333
DTM|011|20021227
N1|SF|BCF VENDOR |91|0011223340000
N4|NYC|NY|10001|US
HL|2|1|O
PRF|12345678
TD1|CTN25|2|||G|100|LB
N1|BY||92|133
HL|3|2|P
PKG|||VI|P01
MAN|GM|0000011111133332222
HL|4|3|I
LIN||IN|111999333|UP|011111222333
SN1||20|AS
SLN|1||I|2|EA|||IN|77778888|IT|STYLEA
SLN|2||I|4|EA|||IN|77779999|IT|STYLEB
HL|5|3|I
LIN||IN|111222444|UP|011111222444
SN1||6|AS
SLN|1||I|2|EA|||IN|77778888|IT|STYLEA
SLN|2||I|3|EA|||IN|77779999|IT|STYLEB
SLN|3||I|1|EA|||IN|77770000|IT|STYLEC
HL|6|2|P
MAN|GM|0000011111133333333
HL|7|6|I
LIN||IN|111222555|UP|011111222555
SN1||2|AS
SLN|1||I|4|EA|||IN|66668888|IT|STYLEH
SLN|2||I|3|EA|||IN|66669999|IT|STYLER
SLN|3||I|1|EA|||IN|66667777|IT|STYLET
HL|8|1|O
PRF|12345679
TD1|CTN25|1|||G|50|LB
N1|BY||92|230
HL|9|8|P
PKG|||VI|P01
MAN|GM|0000011111177772222
HL|10|9|I
LIN||IN|222229333|UP|099999222333
SN1||10|AS
SLN|1||I|2|EA|||IN|66666688|IT|STYLEF
SLN|2||I|4|EA|||IN|66666699|IT|STYLEK
SLN|3||I|3|EA|||IN|66666655|IT|STYLEM
CTT|10
SE|49|001302

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EDI TRANSMISSIONDATA EXPLANATION

ST|856|001302

856 indicates Transaction Set 856; 001302 is the EDI control number.

BSN|00|12346|20021225|111008|0001

00 indicates this is an original transaction set; 12346 is the ship notice number; 20021225 is the date (December 25,2002); 111008 indicates the time is 11:10 A.M. (08 seconds); 0001 indicates the transaction set structure is Pick and Pack.

HL|1||S

1 indicates this is the first occurrence of the HL segment in the transaction set; S indicates the hierarchical level is Shipment.

TD5|B|2|BBBB|M|THE BEST CARRIER

2 indicates the presence of a Standard Alpha Carrier Code (SCAC) code, BBBB indicates the SCAC for The Best Carrier company.

REF|BM|11133333

BM indicates the number that follows is a Bill of Lading number; 11133333 is the Bill of Lading (BOL) number.

DTM|011|20021227

011 indicates the date that follows is the shipped date; 20021227 is the date of shipment, December 27, 2002

N1|SF|BCF VENDOR |91|0011223340000

SF indicates the segment is describing the ship from location for the shipment; the shipment was made from the seller location 0011223340000.

N4|NYC|NY|10001|US

10001 indicates the zip code of the ship from location and USA is the country of the ship from address.

HL|2|1|O

2 indicates the second occurrence of the HL segment in the transaction set; 1 indicates the hierarchical Parent ID Number; O indicates the hierarchical level is Order.

PRF|12345678

BCF purchase order is 12345678.

TD1|CTN25|2|||G|100|LB

CTN25 indicates product is packed in corrugated or solid carton; 2 indicates the number of cartons being shipped; G is ID code that indicates type of weight is gross weight; LB indicates that pounds is the weight unit of measure; 100pounds gross weight.

N1|BY||92|133

BY indicates the segment is describing the buying party location for the shipment; 92 indicates the element that follows is a code assigned by the buyer; 133 is the ship to location (133 is BCF store#).

HL|3|2|P

3 indicates the third occurrence of the HL segment in the transaction set; 2 indicates the hierarchical Parent ID Number; P indicates the hierarchical level is Pack.

PKG|||VI|P01

VI a constant value to indicate the agency qualifier Code; P01 indicates that this is a physical carton container.

MAN GM 00000111111133332222	GM indicates the number that follows is a UCC/EAN-128 Serial Shipping Container Code (SSCC-18); 00000111111133332222 is the actual bar coded number.
HL 4 3 I	4 indicates the fourth occurrence of the HL segment in the transaction set; 3 indicates the hierarchical Parent ID Number; I indicates the hierarchical level is Item (the data that follows is about the SKU shipped).
LIN  IN 111999333 UP 011111222333	IN Indicates BCF sku number that was sent in the order, 111999333 is BCF pack identifier. UP indicates the number is a U.P.C.-A Consumer Package Code; 011111222333 is the actual U.P.C. code.
SN1  20 AS	20 assortments shipped.
SLN 1  I 2 EA    IN 77778888 IT STYLEA	“T” means that the BCF sku is included in the pack definition. 2 is the quantity needed from this BCF sku to compose the pack. EA is the unit of measure. IN indicates BCF sku number 77778888. IT indicates BCF style.
SLN 2  I 4 EA    IN 77779999 IT STYLEB	“T” means that the BCF sku is included in the pack definition. 4 is the quantity needed from this BCF sku to compose the pack. EA is the unit of measure. IN indicates BCF sku number 77779999. IT indicates BCF style.
HL 5 3 I	5 indicates the fifth occurrence of the HL segment in the transaction set; 3 indicates the hierarchical Parent ID Number; I indicates the hierarchical level is Item (another SKU in the same carton).
LIN  IN 111222444 UP 011111222444	IN Indicates BCF sku number that was sent in the order, 111222444 is BCF pack identifier. UP indicates the number is a U.P.C.-A Consumer Package Code; 011111222444 is the actual U.P.C. code.
SN1  6 AS	6 assortments shipped.
SLN 1  I 2 EA    IN 77778888 IT STYLEA	“T” means that the BCF sku is included in the pack definition. 2 is the quantity needed from this BCF sku to compose the pack. EA is the unit of measure. IN indicates BCF sku number 77778888. IT indicates BCF style.
SLN 2  I 3 EA    IN 77779999 IT STYLEB	“T” means that the BCF sku is included in the pack definition. 3 is the quantity needed from this BCF sku to compose the pack. EA is the unit of measure. IN indicates BCF sku number 77779999. IT indicates BCF style.
SLN 3  I 1 EA    IN 77770000 IT STYLEC	“T” means that the BCF sku is included in the pack definition. 1 is the quantity needed from this BCF sku to compose the pack. EA is the unit of measure. IN indicates BCF sku number 77770000. IT indicates BCF style.

<b>HL 6 2 P</b>	6 indicates the sixth occurrence of the HL segment in the transaction set; 2 indicates the hierarchical Parent ID Number; P indicates the hierarchical level is Pack.
<b>MAN GM 00000111111133333333</b>	GM indicates the number that follows is a UCC/EAN-128 Serial Shipping Container Code (SSCC-18); 00000111111133333333 is the actual bar coded number.
<b>HL 7 6 I</b>	7 indicates the seventh occurrence of the HL segment in the transaction set; 6 indicates the hierarchical Parent ID Number; I indicates the hierarchical level is Item.
<b>LIN  IN 111222555 UP 011111222555</b>	IN Indicates BCF sku number that was sent in the order, 111222555 is BCF pack identifier. UP indicates the number is a U.P.C.-A Consumer Package Code; 011111222555 is the actual U.P.C. code.
<b>SN1  2 AS</b>	2 assortments shipped.
<b>SLN 1  I 4 EA    IN 66668888 IT STYLEH</b>	“T” means that the BCF sku is included in the pack definition. 4 is the quantity needed from this BCF sku to compose the pack. EA is the unit of measure. IN indicates BCF sku number 66668888. IT indicates BCF style.
<b>SLN 1  I 3 EA    IN 66669999 IT STYLER</b>	“T” means that the BCF sku is included in the pack definition. 3 is the quantity needed from this BCF sku to compose the pack. EA is the unit of measure. IN indicates BCF sku number 66669999. IT indicates BCF style.
<b>SLN 1  I 1 EA    IN 66667777 IT STYLET</b>	“T” means that the BCF sku is included in the pack definition. 1 is the quantity needed from this BCF sku to compose the pack. EA is the unit of measure. IN indicates BCF sku number 66667777. IT indicates BCF style.
<b>HL 8 1 O</b>	8 indicates the eighth occurrence of the HL segment in the transaction set; 1 indicates the hierarchical Parent ID Number; O indicates the hierarchical level is Order.
<b>PRF 12345679</b>	BCF purchase order is 12345679.
<b>TD1 CTN25 1    G 50 LB</b>	CTN25 indicates product is packed in corrugated or solid carton; 1 indicates the number of cartons being shipped; G is ID code that indicates type of weight is gross weight; LB indicates that pounds is the weight unit of measure; 50 pounds gross weight.
<b>N1 BY  92 230</b>	BY indicates the segment is describing the buying party location for the shipment; 92 indicates the element that follows is a code assigned by the buyer; 230 is the ship to location (230 is BCF store#).
<b>HL 9 8 P</b>	9 indicates the third occurrence of the HL segment in the transaction set; 8 indicates the hierarchical Parent ID Number; P indicates the hierarchical level is Pack.

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<b>PKG  VI P01</b>	VI a constant value to indicate the agency qualifier Code; P01 indicates that this is a physical carton container.
<b>MAN GM 00000111111177772222</b>	GM indicates the number that follows is a UCC/EAN-128 Serial Shipping Container Code (SSCC-18); 00000111111177772222 is the actual bar coded number.
<b>HL 10 9 I</b>	10 indicates the tenth occurrence of the HL segment in the transaction set; 9 indicates the hierarchical Parent ID Number; I indicates the hierarchical level is Item.
<b>LIN  IN 222229333 UP 099999222333</b>	IN Indicates BCF sku number that was sent in the order, 222229333 is BCF pack identifier. UP indicates the number is a U.P.C.-A Consumer Package Code; 099999222333 is the actual U.P.C. code.
<b>SN1  10 AS</b>	10 assortments shipped.
<b>SLN 1  I 2 EA    IN 66666688 IT STYLEF</b>	“I” means that the BCF sku is included in the pack definition. 2 is the quantity needed from this BCF sku to compose the pack. EA is the unit of measure. IN indicates BCF sku number 66666688. IT indicates BCF style.
<b>SLN 1  I 4 EA    IN 66666699 IT STYLEK</b>	“I” means that the BCF sku is included in the pack definition. 4 is the quantity needed from this BCF sku to compose the pack. EA is the unit of measure. IN indicates BCF sku number 66666699. IT indicates BCF style.
<b>SLN 1  I 3 EA    IN 66666655 IT STYLEM</b>	“I” means that the BCF sku is included in the pack definition. 3 is the quantity needed from this BCF sku to compose the pack. EA is the unit of measure. IN indicates BCF sku number 66666655. IT indicates BCF style.
<b>CTT 10</b>	10 indicates the number of HL segments present in the transaction set.
<b>SE 49 001302</b>	49 is the number of included segments in this transaction set; 001302 is the control number.

**SAMPLE 3 --- Single order, Standard carton pack structure**

The following example depicts a single supplier order, which contains three different SKUs, each represented by a unique U.P.C. The total quantity of the first U.P.C. is 6, packed 2 cartons, in 3 cartons. The total quantity of the second U.P.C. is 21, packed 3 in each cartons, in 7 Cartons. The third U.P.C. is an example of 6 skus, each one in a separate carton. In the standard carton pack environment, the Item level identifies the shipped U.P.C. and the total quantity shipped of that U.P.C. The Pack level identifies the container serial number(s) and specifies the quantity of the product within a single shipping container.

**EDI Document:**

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ST|856|00151
BSN|00|12345|20021125|111108|0002
HL|1||S
TD5|B|2|RDWY|M|THE BEST CARRIER
REF|BM|33333
DTM|011|20021125
N1|ST||92|053
N1|SF| BCF VENDOR |91|133
N4|NYC|NY|10001|US
HL|2|1|O
PRF|12345678|||20021202
TD1|CTN25|11|||G|188|LB
N1|BY||92|126
HL|3|2|I
LIN||IN|000111100|IT|STYLEA|UP|011111222333
SN1||6|AS
PO42
HL|4|3|P
MAN|GM|00000111222333444001
MAN|GM|00000111222333444002
MAN|GM|00000111222333444003
HL|5|2|I
LIN||IN|000222200|IT|STYLEB|UP|011111222777
SN1||21|EA
PO43
HL|6|5|P
MAN|GM|00000111555666777001
MAN|GM|00000111555666777005
MAN|GM|00000111555666777002
MAN|GM|00000111555666777006
MAN|GM|00000111555666777003
MAN|GM|00000111555666777007
MAN|GM|00000111555666777009
HL|7|2|I
LIN||IN|000333300|IT|STYLEC|UP|011111222888
SN1||6|EA
HL|8|7|P
MAN|GM|00000111333444000547
CTT|8
SE|40|00151

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EDI TRANSMISSIONDATA EXPLANATION

ST|856|00151

856 indicates Transaction Set 856; 00151 is the EDI control number.

BSN|00|12345|20021125|111108|0002

00 indicates this is an original transaction set; 12345 is the ship notice number; 20021125 is the date (November 25,2002); 111108 indicates the time is 11:08 A.M.; 0002 indicates the transaction set structure is Standard Carton Pack.

HL|1|S

Indicates this is the first occurrence of the HL segment in the transaction set; S indicates the hierarchical level is Shipment.

TD5|B|2|RDWY|M|THE BEST CARRIER

B Indicates the origin/Delivery carrier; 2 is an ID qualifier indicating the ID used in the next field will be a Standard Carrier Alpha Code (SCAC) code; RDWY is the SCAC for a carrier; M means Motor.

REF|BM|33333

BM indicates the data that follows is a Bill of Lading (BOL) Number; 33333 is the Bill of Lading Number.

DTM|011|20021125

011 indicates date that follows is the shipped date; 20021125 is the date of the shipment, November 25, 2002.

N1|ST|92|053

ST indicates the segment is describing the ship to location for the shipment; 92 indicates the element that follows is a code assigned by the buyer 053 is the ship to location.

N1|SF|BCF VENDOR |91|133

SF is an ID qualifier indicating the ship from. The sender's location number 133 is the ship from.

N4|NYC|NY|10001|US

10001 indicates the zip code of the ship from location and USA is the country.

HL|2|1|O

2 indicates the second occurrence of the HL segment in the transaction set; 1 indicates the hierarchical Parent ID Number; O indicates the hierarchical level is Order.

PRF|12345678

0796578 is the original purchase order number.

TD1|CTN25|11||G|188|LB

CTN25 indicates product is packed in corrugated or solid carton; 11 indicates the number of cartons being shipped; G is ID code that indicates type of weight is gross weight; LB indicates that pounds is the weight unit of measure; 50 pounds gross weight.

HL|3|2|I

3 indicates the third occurrence of the HL segment in the transaction set; 2 indicates the hierarchical Parent ID Number; I indicates the hierarchical level is item.

LIN||IN|000111100|IT|STYLEA|UP|011111222333

IN Indicates BCF sku number that was sent in the order . 000111100 is the actual BCF sku number. IT indicates BCF style and UP indicates the number is a U.P.C.-A Consumer Package Code; 011111222333 the actual U.P.C. code.

<b>SN1  6 EA</b>	6 is the number of eaches.
<b>PO4 2</b>	2 is the quantity of SKUs within the pack.
<b>HL 4 3 P</b>	4 indicates the fourth occurrence of the HL segment in the transaction set; 3 indicates the hierarchical Parent ID Number; P indicates the hierarchical level is Pack.
<b>MAN GM 00000111222333444001</b>	GM indicates the number that follows is a UCC/EAN-128 Serial Shipping Container Code (SSCC-18); 00000111222333444001 is the actual bar coded number.
<b>MAN GM 00000111222333444002</b>	GM indicates the number that follows is a UCC/EAN-128 Serial Shipping Container Code (SSCC-18); 00000111222333444002 is the actual bar coded number.
<b>MAN GM 00000111222333444003</b>	GM indicates the number that follows is a UCC/EAN-128 Serial Shipping Container Code (SSCC-18); 00000111222333444003 is the actual bar coded number.
<b>HL 5 2 I</b>	5 indicates the fifth occurrence of the HL segment in the transaction set; 2 indicates the hierarchical Parent ID Number; I indicates the hierarchical level is Item.
<b>LIN  IN 000222200 IT STYLE UP 011111222777</b>	IN Indicates BCF sku number that was sent in the order. 000222200 is the actual BCF sku number. IT indicates the style and UP indicates the number is a U.P.C.-A Consumer Package Code; 011111222777 the actual U.P.C. code.
<b>SN1  21 EA</b>	21 is the number of eaches.
<b>PO4 3</b>	3 is the quantity of SKUs within the pack.
<b>HL 6 5 P</b>	6 indicates the sixth occurrence of the HL segment in the transaction set; 5 indicates the hierarchical Parent ID Number; P indicates the hierarchical level is Pack.
<b>MAN GM 00000111555666777001</b>	GM indicates the number that follows is a UCC/EAN-128 Serial Shipping Container Code (SSCC-18); 00000111555666777001 is the actual bar coded number.
<b>MAN GM 00000111555666777005</b>	GM indicates the number that follows is a UCC/EAN-128 Serial Shipping Container Code (SSCC-18); 00000111555666777005 is the actual bar coded number.
<b>MAN GM 00000111555666777002</b>	GM indicates the number that follows is a UCC/EAN-128 Serial Shipping Container Code (SSCC-18); 00000111555666777002 is the actual bar coded number.
<b>MAN GM 00000111555666777006</b>	GM indicates the number that follows is a UCC/EAN-128 Serial Shipping Container Code (SSCC-18); 00000111555666777006 is the actual bar coded number.
<b>MAN GM 00000111555666777003</b>	GM indicates the number that follows is a UCC/EAN-128 Serial Shipping Container Code (SSCC-18); 00000111555666777003 is the actual bar coded number.

**MAN|GM|00000111555666777007**

GM indicates the number that follows is a UCC/EAN-128 Serial Shipping Container Code (SSCC-18); 00000111555666777007 is the actual bar coded number.

**MAN|GM|00000111555666777009**

GM indicates the number that follows is a UCC/EAN-128 Serial Shipping Container Code (SSCC-18); 00000111555666777009 is the actual bar coded number.

**HL|7|2|I**

7 indicates the seventh occurrence of the HL segment in the transaction set; 2 indicates the hierarchical Parent ID Number; I indicates the hierarchical level is Item.

**LIN||IN|000333300|IT|STYLEC|UP|01111222888**

IN Indicates the sku number that was sent in the order. 000333300 is the actual BCF sku number. VA indicates the style and UP indicates the number is a U.P.C.-A Consumer Package Code; 01111222888 the actual U.P.C. code.

**SN1||6|EA**

6 is the number of eaches.

**HL|8|7|P**

8 indicates the eighth occurrence of the HL segment in the transaction set; 7 indicates the hierarchical Parent ID Number; P indicates the hierarchical level is Pack.

**MAN|GM|00000111333444000547**

GM indicates the number that follows is a UCC/EAN-128 Serial Shipping Container Code (SSCC-18); 00000111333444000547 is the actual bar coded number.

**CTT|8**

8 indicates the number of HL segments present in the transaction set.

**SE|39|00151**

39 is the number of included segments in this transaction set; 00151 is the control number.



**SAMPLE 4 --- Multi orders, Standard Carton Pack structure**

The following example depicts two supplier orders, which are being shipped to the buyer's distribution center. The various SKUs and their pack are similar to the previous Standard Carton Pack Single Order example.

**EDI Document:**

```

ST|856|00152
BSN|00|123479|20021125|111108|0002
HL|1||S
TD5|B|2|RDWY|M|THE BEST CARRIER
REF|BM|33333
DTM|011|20021125
N1|ST||92|053
N1|SF| BCF VENDOR |91|133
N4|NYC|NY|10001|US
HL|2|1|O
PRF|12345678
TD1|CTN25|5|||G|188|LB
HL|3|2|I
LIN||IN|000111100|IT|STYLEA|UP|011111222333
SN1||12|EA
PO4|4
HL|4|3|P
MAN|GM|00000111222333444001
MAN|GM|00000111222333444002
MAN|GM|00000111222333444003
HL|5|2|I
LIN||IN|000222200|IT|STYLEB|UP|011111222777
SN1||6|EA
PO4|3
HL|6|5|P
MAN|GM|00000111555666777001
MAN|GM|00000111555666777005
HL|7|1|O
PRF|12345601
TD1|CTN25|5|||G|188|LB
HL|8|7|I
LIN||IN|000555111|UP|015555222333
SN1||20|AS
SLN|1||I|2|EA|||IN|77770000|IT|STYLEC
SLN|2||I|3|EA|||IN|77771111|IT|STYLED
PO4|4
HL|9|8|P
MAN|GM|00000111222333999001
MAN|GM|00000111222333999002
MAN|GM|00000111222333999003
MAN|GM|00000111222333999004
MAN|GM|00000111222333999005
CTT|9
SE|44|00152

```

EDI TRANSMISSIONDATA EXPLANATION

ST|856|00152

856 indicates Transaction Set 856; 00152 is the EDI control number.

BSN|00|123479|20021125|111108|0002

00 indicates this is an original transaction set; 123479 is the ship notice number; 20021125 is the date (November 25,2002); 111108 indicates the time is 11:08 A.M.; 0002 indicates the transaction set structure is Standard Carton Pack.

HL|1|S

Indicates this is the first occurrence of the HL segment in the transaction set; S indicates the hierarchical level is Shipment.

TD5|B|2|RDWY|M|THE BEST CARRIER

B Indicates the origin/Delivery carrier; 2 is an ID qualifier indicating the ID used in the next field will be a Standard Carrier Alpha Code (SCAC) code; RDWY is the SCAC for a carrier; M means Motor.

REF|BM|33333

BM indicates the data that follows is a Bill of Lading (BOL) Number; 33333 is the Bill of Lading Number.

DTM|011|20021125

011 indicates date that follows is the shipped date; 20021125 is the date of the shipment, November 25, 2002.

N1|ST|92|053

ST indicates the segment is describing the ship to location for the shipment; 92 indicates the element that follows is a code assigned by the buyer 053 is the ship to location.

N1|SF|BCF VENDOR |91|133

SF is an ID qualifier indicating the ship from. The sender's location number 133 is the ship from.

N4|NYC|NY|10001|US

10001 indicates the zip code of the ship from location and USA is the country.

HL|2|1|O

2 indicates the second occurrence of the HL segment in the transaction set; 1 indicates the hierarchical Parent ID Number; O indicates the hierarchical level is Order.

PRF|12345678

12345678 is the original purchase order number.

TD1|CTN25|5|||G|188|LB

CTN25 indicates product is packed in corrugated or solid carton; 5 indicates the number of cartons being shipped; G is ID code that indicates type of weight is gross weight; LB indicates that pounds is the weight unit of measure; 188 pounds gross weight.

HL|3|2|I

3 indicates the third occurrence of the HL segment in the transaction set; 2 indicates the hierarchical Parent ID Number; I indicates the hierarchical level is item.

LIN||IN|000111100|IT|STYLEA|UP|01111222333

IN Indicates the sku number that was sent in the order. 000111100 is the actual BCF sku number. IT indicates BCF style and UP indicates the number is a U.P.C.-A Consumer Package Code; 01111222333 the actual U.P.C. code.

<b>SN1 12 EA</b>	12 is the number of eaches.
<b>PO4 4</b>	4 is the quantity of SKUs within the pack.
<b>HL 4 3 P</b>	4 indicates the fourth occurrence of the HL segment in the transaction set; 3 indicates the hierarchical Parent ID Number; P indicates the hierarchical level is Pack.
<b>MAN GM 00000111222333444001</b>	GM indicates the number that follows is a UCC/EAN-128 Serial Shipping Container Code (SSCC-18); 00000111222333444001 is the actual bar coded number.
<b>MAN GM 00000111222333444002</b>	GM indicates the number that follows is a UCC/EAN-128 Serial Shipping Container Code (SSCC-18); 00000111222333444002 is the actual bar coded number.
<b>MAN GM 00000111222333444003</b>	GM indicates the number that follows is a UCC/EAN-128 Serial Shipping Container Code (SSCC-18); 00000111222333444003 is the actual bar coded number.
<b>HL 5 2 I</b>	5 indicates the fifth occurrence of the HL segment in the transaction set; 2 indicates the hierarchical Parent ID Number; I indicates the hierarchical level is Item.
<b>LIN IN 000222200 IT STYLEB UP 01111222777</b>	IN Indicates the sku number that was sent in the order. 000222200 is the actual BCF sku number. IT indicates BCF style and UP indicates the number is a U.P.C.-A Consumer Package Code; 01111222777 the actual U.P.C. code.
<b>SN1 12 EA</b>	12 is the number of eaches.
<b>PO4 3</b>	3 is the quantity of SKUs within the pack.
<b>HL 6 5 P</b>	6 indicates the sixth occurrence of the HL segment in the transaction set; 5 indicates the hierarchical Parent ID Number; P indicates the hierarchical level is Pack.
<b>MAN GM 00000111555666777001</b>	GM indicates the number that follows is a UCC/EAN-128 Serial Shipping Container Code (SSCC-18); 00000111555666777001 is the actual bar coded number.
<b>MAN GM 00000111555666777005</b>	GM indicates the number that follows is a UCC/EAN-128 Serial Shipping Container Code (SSCC-18); 00000111555666777005 is the actual bar coded number.
<b>HL 7 1 O</b>	7 indicates the seventh occurrence of the HL segment in the transaction set; 2 indicates the hierarchical Parent ID Number; I indicates the hierarchical level is Item.
<b>PRF 12345601</b>	12345601 is the original purchase order number.

**TD1|CTN25|5|||G|188|LB**

CTN25 indicates product is packed in corrugated or solid carton; 5 indicates the number of cartons being shipped; G is ID code that indicates type of weight is gross weight; LB indicates that pounds is the weight unit of measure; 188 pounds gross weight.

**HL|8|7|I**

8 indicates the fifth occurrence of the HL segment in the transaction set; 7 indicates the hierarchical Parent ID Number; I indicates the hierarchical level is Item.

**LIN||IN|000555111|UP|015555222333**

IN Indicates the sku number that was sent in the order. 000555111 is the actual BCF Pack identifier and UP indicates the number is a U.P.C.-A Consumer Package Code; 015555222333 the actual U.P.C. code.

**SN1||20|AS**

20 Assortments shipped.

**SLN|1||I|2|EA|||IN|77770000|IT|STYLEC**

IN Indicates the sku number that was sent in the order. 77770000 is the actual BCF sku number. IT indicates BCF style.

**SLN|2||I|3|EA|||IN|77771111|IT|STYLED**

IN Indicates the sku number that was sent in the order. 77771111 is the actual BCF sku number. IT indicates BCF style.

**PO4|4**

4 is the quantity of SKUs within the pack.

**HL|9|8|P**

9 indicates the sixth occurrence of the HL segment in the transaction set; 8 indicates the hierarchical Parent ID Number; P indicates the hierarchical level is Pack.

**MAN|GM|00000111222333999001**

GM indicates the number that follows is a UCC/EAN-128 Serial Shipping Container Code (SSCC-18); 00000111222333999001 is the actual bar coded number.

**MAN|GM|00000111222333999002**

GM indicates the number that follows is a UCC/EAN-128 Serial Shipping Container Code (SSCC-18); 00000111222333999002 is the actual bar coded number.

**MAN|GM|00000111222333999003**

GM indicates the number that follows is a UCC/EAN-128 Serial Shipping Container Code (SSCC-18); 00000111222333999003 is the actual bar coded number.

**MAN|GM|00000111222333999004**

GM indicates the number that follows is a UCC/EAN-128 Serial Shipping Container Code (SSCC-18); 00000111222333999004 is the actual bar coded number.

**MAN|GM|00000111222333999005**

GM indicates the number that follows is a UCC/EAN-128 Serial Shipping Container Code (SSCC-18); 00000111222333999005 is the actual bar coded number.

**CTT|9**

9 indicates the number of HL segments present in the transaction set.

**SE|44|00152**

43 is the number of included segments in this transaction set; 00152 is the control number.

**SAMPLE 5 --- NO Pack structure**

The following example depicts a single supplier order, which contains three different items, each represented by a unique U.P.C. This order is a direct shipment to the customer of the buyer. Therefore, no carton ID, i.e. UCC/EAN-128 Serial Shipping Container Code (SSCC-18), was placed on the shipping container(s), since the buyer will not be receiving the shipment. This does not preclude the placement of a carton ID for direct shipments to an end customer. In fact, many suppliers have integrated the UCC/EAN-128 Serial Shipping Container Code (SSCC-18) carton ID within their order filling and distribution systems so every carton has a bar coded carton ID. The point is neither the end customer nor the buyer can effectively use the carton ID data. The UCC/EAN-128 Serial Shipping Container Code (SSCC-18) carton ID might only be used for carrier tracking of misdirected shipments. In the no packaging level environment, it is important to the buyer's PO reconciliation process to simply identify the items being shipped.

**EDI Document:**

ST|856|0204  
 BSN|00|R5067|20021125|1108|0004  
 HL|1||S  
 TD5|B|2|UPSS|M  
 DTM|011|20021125  
 N1|SF|BCF VENDOR |91|6999  
 N4|NYC|NY|10001|US  
 N1|OB|FRANK DOE  
 N3|131 OAKDALE DRIVE  
 N4|HOMETOWN|KS|66223  
 HL|2|1|O  
 PRF|0796578  
 REF|CO|123456  
 HL|3|2|I  
 LIN||IN|000999911|IT|STYLEA|UP|099991222333  
 SN1||2|EA  
 HL|4|2|I  
 LIN||IN|000999922|IT|STYLEB|UP|099991222555  
 SN1||1|EA  
 HL|5|2|I  
 LIN||IN|000999933|IT|STYLEC|UP|099991222776  
 SN1||1|EA  
 CTT|5  
 SE|24|0204

**EDI TRANSMISSION**

ST|856|0204  
 BSN|00|R5067|20021125|1108|0004  
  
 HL|1||S  
  
 TD5|B|2|UPSS|M

**DATA EXPLANATION**

856 indicates Transaction Set 856; 0204 is the control number.  
 00 indicates this is an original transaction set; R5067 is the ship notice number; 20021125 is the date (November 25, 2002); 1108 indicates the time is 11:08 A.M. Because the HL sequence is Shipment, Order, Item; 0004 is used in BSN05.  
 1 indicates this is the first occurrence of the HL segment in the transaction set; S indicates the hierarchical level is Shipment.  
 2 is an ID qualifier indicating the ID used in the next field will be a SCAC code; UPSS is the Standard Carrier Alpha Code (SCAC) for the carrier.

<b>DTM 011 20021125</b>	011 indicates the date that follows is the shipped date; 20021125 is the date of the shipment; November 25, 2002.
<b>N1 SF BCF VENDOR  91 6999</b>	SF is an ID qualifier indicating the ship from (shipper); 91 is an ID code that indicates the next field will be the supplier assigned location number; 6999 is the ship from.
<b>N4 NYC NY 10001 US</b>	10001 indicates the zip code of the ship from location and USA is the country.
<b>N1 OB FRANK DOE</b>	End consumer's name
<b>N3 131 OAKDALE DRIVE</b>	End consumer's street address.
<b>N4 HOMETOWN KS 66223</b>	End consumer's city, state, and ZIP code.
<b>HL 2 1 O</b>	2 indicates the second occurrence of the HL segment in the transaction set; 1 indicates the hierarchical Parent ID Number; O indicates the hierarchical level is Order.
<b>PRF 0796578</b>	0796578 is the buyer's original purchase order number.
<b>REF CO 123456</b>	CO indicates the customer order number qualifier and 123456 is the current customer order number that was sent on the purchase order.
<b>HL 3 2 I</b>	3 indicates the third occurrence of the HL segment in the transaction set; 2 indicates the hierarchical Parent ID Number; I indicates the hierarchical level is Item.
<b>LIN  IN 000999911 IT STYLEA UP 099991222333</b>	IN Indicates the sku number that was sent in the order. 000999911 is the actual BCF sku number. IT indicates the style and UP indicates the number is a U.P.C.-A Consumer Package Code; 099991222333 the actual U.P.C. code.
<b>SN1  2 EA</b>	2 is the number of units shipped; Each is the unit of measure.
<b>HL 4 2 I</b>	4 indicates the fourth occurrence of the HL segment in the transaction set; 2 indicates the hierarchical Parent ID Number; I indicates the hierarchical level is Item.
<b>LIN  IN 000999922 IT STYLEB UP 099991222555</b>	IN Indicates the sku number that was sent in the order. 000999922 is the actual BCF sku number. IT indicates the style and UP indicates the number is a U.P.C.-A Consumer Package Code; 099991222555 the actual U.P.C. code.
<b>SN1  1 EA</b>	1 is the number of units shipped; Each is the unit of measurement.
<b>HL 5 2 I</b>	5 indicates the fifth occurrence of the HL segment in the transaction set; 2 indicates the hierarchical Parent ID Number; I indicates the hierarchical level is Item.

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**LIN||IN|000999933|IT|STYLEC|UP|099991222776**

IN Indicates the sku number that was sent in the order. 000999933 is the actual BCF sku number. IT indicates the style and UP indicates the number is a U.P.C.-A Consumer Package Code; 99991222776 the actual U.P.C. code.

**SN1||1|EA**

1 is the number of units shipped

**CTT|5**

5 indicates the number of HL segments used in this transaction set.

**SE|24|0204**

23 is the number of included segments in this transaction set; 0204 is the control number.