

Comment [TL1]:

SEGMENT USAGE Header

<u>SEG ID</u>	<u>DESCRIPTION</u>
ST	Transaction Set Header
BSN	Beginning Segment for Ship Notice

Detail - Shipment

<u>SEG ID</u>	<u>DESCRIPTION</u>	<u>LOOP REPEAT</u>
	LOOP ID - HL (SHIPMENT)	200000
HL	Hierarchical Level	
TD1	Carrier Details (Quantity and Weight)	
TD5	Carrier Details (Routing Sequence/Transit Time)	
REF	Reference Numbers	
DTM	Date / Time Reference	
	LOOP ID - HL (SHIPMENT) / N1	200
N1	Name	

Note: Shipment data applies to the whole shipment, such as bill of lading number, lading quantity, supplier code, etc.

Detail - Order

<u>SEG ID</u>	<u>DESCRIPTION</u>	<u>LOOP REPEAT</u>
	LOOP ID - HL (ORDER)	200000
HL	Hierarchical Level	
PRF	Purchase Order Reference	
TD1	Carrier Details (Quantity and Weight)	
REF	Reference Numbers	
	LOOP ID - HL (ORDER) / N1	200
N1	Name	

Note: Order data is related to the sender's order and the associated receiver's original purchase order.

Detail - Pack

<u>SEG ID</u>	<u>DESCRIPTION</u>	<u>LOOP REPEAT</u>
	LOOP ID - HL (PACK)	200000
HL	Hierarchical Level	
MAN	Marks and Numbers	

Detail - Item

<u>SEG ID</u>	<u>DESCRIPTION</u>	<u>LOOP REPEAT</u>
	LOOP ID - HL (ITEM)	200000
HL	Hierarchical Level	
LIN	Item Identification	
SN1	Item Detail (Shipment)	

Note: Item data is SKU identification data.

Summary

<u>SEG ID</u>	<u>DESCRIPTION</u>
CTT	Transaction Totals
SE	Transaction Set Trailer

856 - SHIP NOTICE / MANIFEST**VERSION 4010****ST - Transaction Set Header**

Data Element	Elem. Ref.#	Name / Description	Value(s) Used
ST01	143	Transaction Set Identifier Code	'856' Ship Notice / Manifest
ST02	329	Transaction Set Control Number	Identifying control number that must be unique within the transaction set functional group assigned by the sender

BSN - Beginning Segment for Ship Notice / Manifest

Data Element	Elem. Ref.#	Name / Description	Value(s) Used
BSN01	353	Transaction Set Purpose Code	'00' Original '07' Duplicate
BSN02	396	Shipment Identification	A unique control number assigned by the original shipper to identify a specific shipment.
BSN03	373	Date	
BSN04	337	Time	(NOT USED)
BSN05	1005	Hierarchical Structure Code	'0001' Shipment, Order, Packaging, Item (Pick and Pack Structure)
BSN06	640	Transaction Type Code	(NOT USED)
BSN07	641	Status Reason Code	(NOT USED)

HL - Hierarchical Level [HL (Shipment) Loop]

Data Element	Elem. Ref.#	Name / Description	Value(s) Used
HL01	628	Hierarchical ID Number	'1' Shipment Level
HL02	734	Hierarchical Parent ID Number	(NOT USED)
HL03	735	Hierarchical Level Code	'S' Shipment
HL04	736	Hierarchical Child Code	(NOT USED)

TD1 - Carrier Details (Quantity and Weight) [HL (Shipment) Loop]

Data Element	Elem. Ref.#	Name / Description	Value(s) Used
TD101	103	Packaging Code	'CTN25' Carton / Corrugated
TD102	80	Lading Quantity	The number of packages in the shipment as described in TD101.
TD103	23	Commodity Code Qualifier	(NOT USED)
TD104	22	Commodity Code	(NOT USED)
TD105	79	Lading Description	(NOT USED)
TD106	187	Weight Qualifier	'G' Gross Weight
TD107	81	Weight	Numeric value of weight.
TD108	355	Unit or Basis for Measurement Code	'50' Actual Kilograms 'LB' Pounds All other codes will be tracked as 'Other'.

TD5 - Carrier Details (Routing Sequence / Transit Time) [HL (Shipment) Loop]

Data Element	Elem. Ref.#	Name / Description	Value(s) Used
TD501	133	Routing Sequence Code	(NOT USED)
TD502	66	Identification Code Qualifier	'2' Standard Carrier Alpha Code (SCAC) '91' Assigned by Seller or Seller's Agent '92' Assigned by Buyer or Buyer's Agent
TD503	67	Identification Code	Code identifying a party or other code for TD502.
TD504	91	Transportation Method / Type Code	(NOT USED)
TD505	387	Routing	(NOT USED)
TD506	368	Shipment / Order Status Code	(NOT USED)
TD507	309	Location Qualifier	(NOT USED)
TD508	310	Location Identifier	(NOT USED)
TD509	731	Transit Direction Code	(NOT USED)
TD510	732	Transit Time Direction Qualifier	(NOT USED)
TD511	733	Transit Time	(NOT USED)
TD512	284	Service Level Code	(NOT USED)

REF - Reference Numbers

Data Element	Elem. Ref.#	Name / Description	Value(s) Used
REF01	128	Reference Number Qualifier	'IA' Internal Vendor Number
REF02	127	Reference Number	Identifying number for REF01
REF03	352	Description	(NOT USED)

REF - Reference Numbers [HL (Shipment) Loop]

Data Element	Elem. Ref.#	Name / Description	Value(s) Used
REF01	128	Reference Number Qualifier	'BM' Bill of Lading Number 'CN' Carrier's Reference Number (PRO / Invoice)
REF02	127	Reference Number	Identifying number for REF01
REF03	352	Description	(NOT USED)

DTM - Date / Time Reference [HL (Shipment) Loop]

Data Element	Elem. Ref.#	Name / Description	Value(s) Used
DTM01	374	Date / Time Qualifier	'011' Shipped '067' Current Schedule Delivery '068' Current Schedule Ship
DTM02	373	Date	YYMMDD format
DTM03	337	Time	(NOT USED)
DTM04	623	Time Code	(NOT USED)
DTM05	624	Century	(NOT USED)
DTM06	1250	Date / Time Period Format Qualifier	(NOT USED)
DTM07	1251	Date / Time Period	(NOT USED)

N1 - Name [HL (Shipment) / N1 Loop]

Data Element	Elem. Ref.#	Name / Description	Value(s) Used
N101	98	Entity Identifier Code	'ST' Ship To
N102	93	Name	(NOT USED)
N103	66	Identification Code Qualifier	'92' Assigned by Buyer or Buyer's Agent
N104	67	Identification Code	(92) Buyer's Store Number

HL - Hierarchical Level [HL (Order) Loop]

Data Element	Elem. Ref.#	Name / Description	Value(s) Used
HL01	628	Hierarchical ID Number	A unique number assigned by the sender to identify a particular data segment in the hierarchical structure.
HL02	734	Hierarchical Parent ID Number	(NOT USED)
HL03	735	Hierarchical Level Code	'O' Order
HL04	736	Hierarchical Child Code	(NOT USED)

PRF - Purchase Order Reference [HL (Order) Loop]

Data Element	Elem. Ref.#	Name / Description	Value(s) Used
PRF01	324	Purchase Order Number	Identifying number for Purchase Order assigned by the purchaser.
PRF02	328	Release Number	(NOT USED)
PRF03	327	Change Order Sequence Number	(NOT USED)
PRF04	323	Purchase Order Date	Date assigned by the purchaser to Purchase Order.
PRF05	350	Assigned Identification	(NOT USED)
PRF06	367	Contract Number	(NOT USED)
PRF07	92	Purchase Order Type Code	(NOT USED)

TD1 - Carrier Details (Quantity and Weight) [HL (Order) Loop]

Data Element	Elem. Ref.#	Name / Description	Value(s) Used
TD101	103	Packaging Code	'CTN25' Carton / Corrugated
TD102	80	Lading Quantity	The number of units (pieces) of the lading commodity.
TD103	23	Commodity Code Qualifier	(NOT USED)
TD104	22	Commodity Code	(NOT USED)
TD105	79	Lading Description	(NOT USED)
TD106	187	Weight Qualifier	(NOT USED)
TD107	81	Weight	(NOT USED)
TD108	355	Unit or Basis for Measurement Code	(NOT USED)

REF - Reference Numbers [HL (Order) Loop]

Data Element	Elem. Ref.#	Name / Description	Value(s) Used
REF01	128	Reference Number Qualifier	'IV' Seller's Invoice Number
REF02	127	Reference Number	(IV) Seller's Invoice Number
REF03	352	Description	(NOT USED)

N1 - Name [HL (Order) / N1 Loop]

Data Element	Elem. Ref.#	Name / Description	Value(s) Used
N101	98	Entity Identifier Code	'BY' Buyer's Agent
N102	93	Name	Free-form name.
N103	66	Identification Code Qualifier	'92' Assigned by Buyer or Buyer's Agent
N104	67	Identification Code	(92) Buyer's Store Number

HL - Hierarchical Level [HL (Pack) Loop]

Data Element	Elem. Ref.#	Name / Description	Value(s) Used
HL01	628	Hierarchical ID Number	A unique number assigned by the sender to identify a particular data segment in the hierarchical structure.
HL02	734	Hierarchical Parent ID Number	(NOT USED)
HL03	735	Hierarchical Level Code	'P' Pack
HL04	736	Hierarchical Child Code	(NOT USED)

MAN – Marks and Numbers

Data Element	Elem. Ref.#	Name / Description	Value(s) Used
MAN01	88	Marks and Numbers Qualifier	'GM' UCC-128 Serial Container Number Format
MAN02	87	Marks and Numbers	UCC-128 Serial Container Number
MAN03	87	Marks and Numbers	UPS/RPS etc. Tracking number
MAN04	88	Marks and Numbers Qualifier	'ZZ' Mutually Defined
MAN05	87	Marks and Numbers	Carton Sequence Number
MAN06	87	Marks and Numbers	Total Cartons

HL - Hierarchical Level [HL (Item) Loop]

Data Element	Elem. Ref.#	Name / Description	Value(s) Used
HL01	628	Hierarchical ID Number	A unique number assigned by the sender to identify a particular data segment in the hierarchical structure.
HL02	734	Hierarchical Parent ID Number	(NOT USED)

856 - SHIP NOTICE / MANIFEST

VERSION 4010

HL03	735	Hierarchical Level Code	'I' Item
HL04	736	Hierarchical Child Code	(NOT USED)

856 - SHIP NOTICE / MANIFEST**VERSION 4010****LIN - Item Identification [HL (Item) Loop]**

Data Element	Elem. Ref.#	Name / Description	Value(s) Used
LIN01	350	Assigned Identification	Alphanumeric characters assigned for differentiation within a transaction set.
LIN02	235	Product / Service ID Qualifier	'UP' UPC Consumer Package Code (1-5-5-1 format)
LIN03	234	Product / Service ID	Identifying number for LIN02.
LIN04	235	Product / Service ID Qualifier	'VA' Vendor's Style Number
LIN05	234	Product / Service ID	Identifying number for LIN04.
LIN06	235	Product / Service ID Qualifier	(NOT USED)
LIN07	234	Product / Service ID	(NOT USED)
LIN08	235	Product / Service ID Qualifier	(NOT USED)
LIN09	234	Product / Service ID	(NOT USED)
LIN10	235	Product / Service ID Qualifier	(NOT USED)
LIN11	234	Product / Service ID	(NOT USED)
LIN12	235	Product / Service ID Qualifier	(NOT USED)
LIN13	234	Product / Service ID	(NOT USED)
LIN14	235	Product / Service ID Qualifier	(NOT USED)
LIN15	234	Product / Service ID	(NOT USED)
LIN16	235	Product / Service ID Qualifier	(NOT USED)
LIN17	234	Product / Service ID	(NOT USED)
LIN18	235	Product / Service ID Qualifier	(NOT USED)
LIN19	234	Product / Service ID	(NOT USED)
LIN20	235	Product / Service ID Qualifier	(NOT USED)
LIN21	234	Product / Service ID	(NOT USED)
LIN22	235	Product / Service ID Qualifier	(NOT USED)
LIN23	234	Product / Service ID	(NOT USED)
LIN24	235	Product / Service ID Qualifier	(NOT USED)
LIN25	234	Product / Service ID	(NOT USED)
LIN26	235	Product / Service ID Qualifier	(NOT USED)
LIN27	234	Product / Service ID	(NOT USED)
LIN28	235	Product / Service ID Qualifier	(NOT USED)
LIN29	234	Product / Service ID	(NOT USED)
LIN30	235	Product / Service ID Qualifier	(NOT USED)
LIN31	234	Product / Service ID	(NOT USED)

SN1 - Item Detail (Shipment) [HL (Item) Loop]

Data Element	Elem. Ref.#	Name / Description	Value(s) Used
SN101	350	Assigned Identification	(NOT USED)
SN102	382	Number of Units Shipped	Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set.
SN103	355	Unit or Basis for Measurement Code	'EA' Each
SN104	646	Quantity Shipped to Date	(NOT USED)
SN105	330	Quantity Ordered	(NOT USED)
SN106	355	Unit or Basis for Measurement Code	(NOT USED)
SN107	728	Returnable Container Load Make-Up Code	(NOT USED)
SN108	668	Line Item Status Code	(NOT USED)

CTT - Transaction Totals

Data Element	Elem. Ref.#	Name / Description	Value(s) Used
CTT01	354	Number of Line Items	Number of HL segments contained in transaction set.
CTT02	347	Hash Total	(NOT USED)
CTT03	81	Weight	(NOT USED)
CTT04	355	Unit or Basis for Measurement Code	(NOT USED)
CTT05	183	Volume	(NOT USED)
CTT06	355	Unit or Basis for Measurement Code	(NOT USED)
CTT07	352	Description	(NOT USED)

SE - Transaction Set Trailer

Data Element	Elem. Ref.#	Name / Description	Value(s) Used
SE01	96	Number of Included Segments	Total number of segments included in a transaction set, including ST and SE segments
SE02	329	Transaction Set Control Number	Control number assigned by the sender in the ST segment (ST02) for the transaction

