

# LACKS ENTERPRISES

## EDI

# SPECIFICATIONS



IMPORTANT:

Notes will only appear on printed copy if document is printed in color.

# 856 - Generic Ship Notice - Manifest

Version 004010

Functional Group ID=SH

## Introduction

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

## Heading

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
010	ST	Transaction Set Header	M	1		
020	BSN	Beginning Segment for Ship Notice	M	1		
030	DTM	Date/Time Reference	O	10		

## Detail

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
		LOOP ID - HL		200000		
040	HL	Hierarchical Level	M	1		Shipment level, HL03. Valid value "S."
050	MEA	Measurements	O	40		
060	TD1	Carrier Details (quantity and weight)	O	20		
070	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
080	TD3	Carrier Details (Equipment)	O	12		

IMPORTANT:

90 REF Reference Identification O 12

LOOP ID - N1	200
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100 N1 Name O 1

110 FOB F.O.B. Related Instructions O 1

LOOP ID - HL	200	Item level. For loose containers only. Valid value "I."
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120 HL Hierarchical Level M 1

130 CLD Load Detail O 1 loose containers

140 REF Reference Identification O 1

LOOP ID - HL	20,000	Order level, HL03. Valid value "O."
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150 HL Hierarchical Level M 1

160 LIN Item Identification O 1

170 REF Reference Identification O 1

180 SN1 Item Detail (Shipment) O 1

190 PRF Purchase Order Reference O 1

200 ETD Excess Transportation Detail O >1

LOOP ID - HL	200	Tare level, HL03. Valid value "T."
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210 HL Hierarchical Level M 1

220 LIN Item Identification Indicates the following CLD segment refers to a returnable container

230 CLD Load Detail O 1 Master container

240 REF Reference Identification O 1

IMPORTANT:

		LOOP ID - HL	200	Item level, HL03. Valid value "1."	
250	HL	Hierarchical Level	M	1	
260	CLD	Load Detail	O	1	Detail containers
270	REF	Reference Identification	O	1	

### Summary

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
280	CTT	Transaction Totals	O	1		n1
290	SE	Transaction Set Trailer	M	1		

### Transaction Set Notes

Number of line items (CTT01) is the accumulation of the number of HL segments. If used, hash total (CTT02) is the sum of the value of units shipped (SN102) for each SN1 segment.

### Transaction Set Comments

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

IMPORTANT:

## Segment: **ST** Transaction Set Header

**Position:** 010  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the start of a transaction set and to assign a control number  
**Syntax Notes:**  
**Semantic Notes:** 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).  
**Comments:** None

### Data Element Summary

Ref. Des.	Data Elmt.	Name	Attributes
ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 856 Ship Notice/Manifest	M ID 3/3
ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9

IMPORTANT:

## Segment: **BSN** Beginning Segment for Ship Notice

<b>Position:</b>	020
<b>Loop:</b>	
<b>Level:</b>	Heading
<b>Usage:</b>	Mandatory
<b>Max Use:</b>	1
<b>Purpose:</b>	To transmit identifying numbers, dates, and other basic data relating to the transaction set
<b>Syntax Notes:</b>	1 If BSN07 is present, then BSN06 is required.
<b>Semantic Notes:</b>	1 BSN03 is the date the shipment transaction set is created. 2 BSN04 is the time the shipment transaction set is created. 3 BSN06 is limited to shipment related codes.
<b>Comments:</b>	1 BSN06 and BSN07 differentiate the functionality of use for the transaction set.

### Data Element Summary

Ref. Des.	Data Elmt.	Name	Attributes
BSN01	353	Transaction Set Purpose Code Code identifying purpose of transaction set 00 Original 01 Cancellation	M ID 2/2
BSN02	396	Shipment Identification A unique control number assigned by the original shipper to identify a specific shipment	M AN 2/30
BSN03	373	Date Date expressed as CCYYMMDD	M DT 8/8
BSN04	337	Time Time expressed in 24-hour clock time as follows: HHMMSS, where H = hours (00-23), M = minutes (00-59) and S = integer seconds (00-59)	M TM 4/8

IMPORTANT:

## Segment: **DTM** Date/Time Reference

<b>Position:</b>	030
<b>Loop:</b>	
<b>Level:</b>	Heading
<b>Usage:</b>	Optional
<b>Max Use:</b>	10
<b>Purpose:</b>	To specify pertinent dates and times
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 At least one of DTM02 DTM03 or DTM05 is required.</li> <li>2 If DTM04 is present, then DTM03 is required.</li> <li>3 If either DTM05 or DTM06 is present, then the other is required.</li> </ol>
<b>Semantic Notes:</b>	None
<b>Comments:</b>	None

### Data Element Summary

Ref. Des.	Data Elmt.	Name	Attributes
DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time	M ID 3/3
		011 Shipped	
		017 Estimated Delivery	
DTM02	373	Date Date expressed as CCYYMMDD	X DT 8/8
DTM03	337	Time Time expressed in 24-hour clock time as follows: HHMMSS, where H = hours (00-23), M = minutes (00-59) and S = integer seconds (00-59)	X TM 4/8

IMPORTANT:

## Segment: **HL** Hierarchical Level

<b>Position:</b>	040
<b>Loop:</b>	HL Mandatory
<b>Level:</b>	Detail
<b>Usage:</b>	Mandatory
<b>Max Use:</b>	1
<b>Purpose:</b>	To identify dependencies among and the content of hierarchically related groups of data segments
<b>Syntax Notes:</b>	None
<b>Semantic Notes:</b>	None
<b>Comments:</b>	<p><b>1</b> The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.</p> <p>The HL segment defines a top-down/left-right ordered structure.</p> <p><b>2</b> HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.</p> <p><b>3</b> HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.</p> <p><b>4</b> HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.</p> <p><b>5</b> HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.</p>

### Data Element Summary

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

IMPORTANT:



Code defining the characteristic of a level in a hierarchical structure

S

Shipment

IMPORTANT:

## Segment: MEA Measurements

**Position:** 050  
**Loop:** HL Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 40  
**Purpose:** To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)

**Syntax Notes:**

- 1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.
- 2 If MEA05 is present, then MEA04 is required.
- 3 If MEA06 is present, then MEA04 is required.
- 4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.
- 5 Only one of MEA08 or MEA03 may be present.

**Semantic Notes:** 1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

**Comments:** 1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

### Data Element Summary

Ref. Des.	Data Elmt.	Name	Attributes
MEA01	737	Measurement Reference ID Code	O ID 2/2
		Code identifying the broad category to which a measurement applies	
		PD Physical Dimensions	
MEA02	738	Measurement Qualifier	O ID 1/3
		Code identifying a specific product or process characteristic to which a measurement applies	
		G Gross Weight	
		N Actual Net Weight	
		T Tare Weight	
MEA03	739	Measurement Value	X R 1/20
		The value of the measurement	
MEA04	C001	Composite Unit of Measure	X
		To identify a composite unit of measure (See Figures Appendix for examples of use)	

IMPORTANT:

C00101

355

Unit or Basis for Measurement Code

M ID 2/2

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

KG                      Kilogram

LB                      Pound

IMPORTANT:

## Segment: **TD1** Carrier Details (Quantity and Weight)

<b>Position:</b>	060
<b>Loop:</b>	HL Mandatory
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	20
<b>Purpose:</b>	To specify the transportation details relative to commodity, weight, and quantity
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 If TD101 is present, then TD102 is required.</li> <li>2 If TD103 is present, then TD104 is required.</li> <li>3 If TD106 is present, then TD107 is required.</li> <li>4 If either TD107 or TD108 is present, then the other is required.</li> <li>5 If either TD109 or TD110 is present, then the other is required.</li> </ol>
<b>Semantic Notes:</b>	1
<b>Comments:</b>	1

### Data Element Summary

Ref. Des.	Data Elmt.	Name	Attributes
TD101	103	Packaging Code	O AN 3/5 Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required.  Refer to 004010 Data Element Dictionary for acceptable code values.
TD102	80	Lading Quantity	X NO 1/7 Number of units (pieces) of the lading commodity.
TD103	23	Commodity Code Qualifier	O ID 1/1 Code identifying the commodity coding system used for Commodity Code. Refer to 004010 Data Element Dictionary for acceptable code values.
TD104	22	Commodity Code	X AN 1/30 Code describing a commodity or group of commodities.
TD105	79	Lading Description	O AN 1/50 Description of an item as required for rating and billing purposes.
TD106	187	Weight Qualifier	O ID 1/2 Code defining the type of weight. Refer to 004010 Data Element Dictionary for acceptable code values.
TD107	81	Weight	X R 1/10 Numeric value of weight.

IMPORTANT:

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TD108	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken. Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/2
TD109	183	Volume Value of volumetric measure.	X R 1/8
TD110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken. Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/2

IMPORTANT:

## Segment: **TD5** Carrier Details (Routing Sequence/Transit Time)

**Position:** 070

**Loop:** HL Mandatory

**Level:** Detail

**Usage:** Optional

**Max Use:** 12

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

**Syntax Notes:** 1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.

2 If TD502 is present, then TD503 is required.

3 If TD507 is present, then TD508 is required.

4 If TD510 is present, then TD511 is required.

5 If TD513 is present, then TD512 is required.

6 If TD514 is present, then TD513 is required.

7 If TD515 is present, then TD512 is required.

**Semantic Notes:** 1 TD515 is the country where the service is to be performed.

**Comments:** 1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

### Data Element Summary

Ref. Des.	Data Elmt.	Name	Attributes
TD501	133	Routing Sequence Code Code describing the relationship of a carrier to a specific shipment movement B Origin/Delivery Carrier (Any Mode)	O ID 1/2
TD502	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 2 Standard Carrier Alpha Code (SCAC)	X ID 1/2
TD503	67	Identification Code Code identifying a party or other code	X AN 2/4
TD504	91	Transportation Method/Type Code Code specifying the method or type of transportation for the shipment A Air	X ID 1/2

IMPORTANT:

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AC	Air Charter
AE	Air Express
C	Consolidation
CE	Customer Pickup / Customer's Expense
E	Expedited Truck
L	Contract Carrier
LT	Less Than Trailer Load (LTL)
M	Motor (Common Carrier)
MP	Motor (Package Carrier)
P	Private Carrier
PT	Pooled Truck
R	Rail
RR	Roadrailer
	Used for shipments that travel by roadrailer, i.e., a multimodal rail/highway trailer
S	Ocean
SR	Supplier Truck
W	Inland Waterway

IMPORTANT:

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

**Position:** 080  
**Loop:** HL Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 12  
**Purpose:** To specify transportation details relating to the equipment used by the carrier  
**Syntax Notes:**

- 1 Only one of TD301 or TD310 may be present.
- 2 If TD302 is present, then TD303 is required.
- 3 If TD304 is present, then TD305 is required.
- 4 If either TD305 or TD306 is present, then the other is required.

**Semantic Notes:** None  
**Comments:** None

### Data Element Summary

Ref. Des.	Data Elmt.	Name	Attributes
TD301	40	Equipment Description Code	X ID 2/2
		Code identifying type of equipment used for shipment	
		AP Aircraft	
		RR Rail Car	
		TL Trailer (not otherwise specified)	
		VE Vessel, Ocean	
		VL Vessel, Lake	
TD302	206	Equipment Initial	O AN 1/4
		Prefix or alphabetic part of an equipment unit's identifying number	
TD303	207	Equipment Number	X AN 1/10
		Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)	

IMPORTANT:



**Segment: REF Reference Identification**

**Position:** 90  
**Loop:** HL Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 12  
**Purpose:** To specify identifying information  
**Syntax Notes:**

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

**Semantic Notes:**

- 1 REF04 contains data relating to the value cited in REF02.

**Comments:** None

**Data Element Summary**

Ref. Des.	Data Elmt.	Name	Attributes
REF01	128	Reference Identification Qualifier	M ID 2/3
		Code qualifying the Reference Identification	
		BM Bill of Lading Number	
		CN Carrier's Reference Number (PRO/Invoice)	
		RC Route Routing Code	
REF02	127	Reference Identification	X AN 1/30
		Bill of Lading Number (if applicable)	

Current - PK - Packlist - not an option now

IMPORTANT:

**Segment: N1 Name****Position:** 100**Loop:** N1 Mandatory**Level:** Detail**Usage:** Mandatory**Max Use:** 1**Purpose:** To identify a party by type of organization, name, and code

**Syntax Notes:**

- 1 At least one of N102 or N103 is required.
- 2 If either N103 or N104 is present, then the other is required.

**Semantic Notes:**

**Comments:**

- 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
- 2 N105 and N106 further define the type of entity in N101.

**Data Element Summary**

Ref. Des.	Data Elmt.	Name	Attributes
N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual	M ID 4/4
		MI	Planning Schedule/Material Release Issuer (required)
		SF	Ship From (required)
		ST	Ship To (required)
		SU	Supplier/Manufacturer (required)
>>	N102	93 Name Free-form name	X AN 1/30
>>	N103	66 Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67)	X ID 1/2
		1 D-U-N-S Number, Dun & Bradstreet	
		<b>92</b> Assigned by Buyer or Buyer's Agent	
>>	N104	67 Identification Code Code identifying a party or other code	X AN 2/30

IMPORTANT:

## Segment: **FOB** F.O.B. Related Instructions

<b>Position:</b>	110
<b>Loop:</b>	N1 Optional
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To specify transportation instructions relating to shipment
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 If FOB03 is present, then FOB02 is required.</li> <li>2 If FOB04 is present, then FOB05 is required.</li> <li>3 If FOB07 is present, then FOB06 is required.</li> <li>4 If FOB08 is present, then FOB09 is required.</li> </ol>
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 FOB01 indicates which party will pay the carrier.</li> <li>2 FOB02 is the code specifying transportation responsibility location.</li> <li>3 FOB06 is the code specifying the title passage location.</li> <li>4 FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.</li> </ol>
<b>Comments:</b>	None

### Data Element Summary

Ref. Des.	Data Elmt.	Name	Attributes
FOB01	146	Shipment Method of Payment	M ID 2/2
		Code identifying payment terms for transportation charges	
		CC Collect	
		PP Prepaid (by Seller)	

IMPORTANT:

## Segment: **HL** Hierarchical Level

<b>Position:</b>	120
<b>Loop:</b>	HL Mandatory
<b>Level:</b>	Detail
<b>Usage:</b>	Mandatory
<b>Max Use:</b>	1
<b>Purpose:</b>	To identify dependencies among and the content of hierarchically related groups of data segments
<b>Syntax Notes:</b>	None
<b>Semantic Notes:</b>	None
<b>Comments:</b>	<p><b>1</b> The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.</p> <p>The HL segment defines a top-down/left-right ordered structure.</p> <p><b>2</b> HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.</p> <p><b>3</b> HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.</p> <p><b>4</b> HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.</p> <p><b>5</b> HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.</p>

### Data Element Summary

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

IMPORTANT:

Code defining the characteristic of a level in a hierarchical structure

I

Item

IMPORTANT:

## Segment: **CLD** Container Load Detail

<b>Position:</b>	130
<b>Loop:</b>	HL Mandatory
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To specify the number of material loads shipped
<b>Syntax Notes:</b>	1 If CLD05 is present, then CLD04 is required.
<b>Semantic Notes:</b>	1 CLD05 is used to dimension the value given in CLD04
<b>Comments:</b>	1 The CLD data segment may be used to provide information to aid in the preparation of move tags and/or bar coded labels.

### Data Element Summary

Ref. Des.	Data Elmt.	Name	Attributes
CLD01	622	Number of Loads Number of customer-defined loads shipped by the supplier.	M NO 1/5
CLD02	382	Number of Units Shipped Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set.	M R 1/10
CLD03	103	Packaging Code Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required Refer to 004010 Data Element Dictionary for acceptable code values.	O AN 3/5
CLD04	357	Size Size of supplier units in pack	X R 1/8
CLD05	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken. Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2

IMPORTANT:

## Segment: **REF** Reference Identification

**Position:** 140  
**Loop:** HL Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

**Semantic Notes:**

- 1 REF04 contains data relating to the value cited in REF02.

**Comments:** None

### Data Element Summary

Ref. Des.	Data Elmt.	Name	Attributes
REF01	128	Reference Identification Qualifier	M ID 2/3
		Code qualifying the Reference Identification	
		DK Dock Number	
		KB Beginning Kanban Serial Number	
		KP Health Certificate Number	
		A certificate given by the veterinary authorities regarding the health of animals being shipped	
		This qualifier is used for Kanban Number.	
		LF Assembly Line Feed Location	
		<b>** LS Serial # **</b>	
		LI Lot Number	
		RL Reserve Assembly Line Feed Location	
REF02	127	Reference Identification	X AN 1/30
		Dock Number, Line Feed and/or Reserve Line Feed (when applicable)	

\*\* Note: Serial Number, Per Lacks label spec, is the Lacks supplier vendor number (found in N1\*SF 03 segment) plus incrementing serial number

\*\* Note: Serial number per Lacks label spec, which is Lacks supplier vendor number (N1,SF,03) plus incrementing serial number.

IMPORTANT:

## Segment: **HL** Hierarchical Level

<b>Position:</b>	150
<b>Loop:</b>	HL Mandatory
<b>Level:</b>	Detail
<b>Usage:</b>	Mandatory
<b>Max Use:</b>	1
<b>Purpose:</b>	To identify dependencies among and the content of hierarchically related groups of data segments
<b>Syntax Notes:</b>	None
<b>Semantic Notes:</b>	None
<b>Comments:</b>	<p><b>1</b> The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.</p> <p>The HL segment defines a top-down/left-right ordered structure.</p> <p><b>2</b> HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.</p> <p><b>3</b> HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.</p> <p><b>4</b> HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.</p> <p><b>5</b> HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.</p>

### Data Element Summary

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

IMPORTANT:



Code defining the characteristic of a level in a hierarchical structure

O

Order

IMPORTANT:

## Segment: **LIN** Item Identification

<b>Position:</b>	160
<b>Loop:</b>	HL Mandatory
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To specify basic item identification data
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 If either LIN04 or LIN05 is present, then the other is required.</li> <li>2 If either LIN06 or LIN07 is present, then the other is required.</li> <li>3 If either LIN08 or LIN09 is present, then the other is required.</li> <li>4 If either LIN10 or LIN11 is present, then the other is required.</li> <li>5 If either LIN12 or LIN13 is present, then the other is required.</li> <li>6 If either LIN14 or LIN15 is present, then the other is required.</li> <li>7 If either LIN16 or LIN17 is present, then the other is required.</li> <li>8 If either LIN18 or LIN19 is present, then the other is required.</li> <li>9 If either LIN20 or LIN21 is present, then the other is required.</li> <li>10 If either LIN22 or LIN23 is present, then the other is required.</li> <li>11 If either LIN24 or LIN25 is present, then the other is required.</li> <li>12 If either LIN26 or LIN27 is present, then the other is required.</li> <li>13 If either LIN28 or LIN29 is present, then the other is required.</li> <li>14 If either LIN30 or LIN31 is present, then the other is required.</li> </ol>
<b>Semantic Notes:</b>	1 LIN01 is the line item identification
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 See the Data Dictionary for a complete list of IDs.</li> <li>2 LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.</li> </ol>

## Data Element Summary

Ref. Des.	Data Elmt.	Name	Attributes
LIN01	350	Assigned Identification	O AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction set	
<b>LIN02</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	M ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		BP Buyer's Part Number	
<b>LIN03</b>	<b>234</b>	<b>Product/Service ID</b>	M AN 1/50
		Buyer's Part Number	

IMPORTANT:

LIN04	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		PO Purchase Order Number		
LIN05	234	Product/Service ID	X	AN 1/20
		Purchase Order Number (when applicable)		
LIN06	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		EC Engineering Change Level		
LIN07	234	Product/Service ID	X	AN 1/20
		Engineering Change Level (when applicable)		
LIN08	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		RY Record Keeping or Model Year		
LIN09	234	Product/Service ID	X	AN 1/20
		Model Year (if applicable)		
LIN12	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		KB Data Category Code		
		KP Kanban Plan Number		
LIN13	234	Product/Service ID	X	AN 1/30
		Pull Signal (when applicable)		
		PO number - PO line # sent on release		

IMPORTANT:

**Segment: REF Reference Identification**

**Position:** 170  
**Loop:** HL Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

**Semantic Notes:**

- 1 REF04 contains data relating to the value cited in REF02.

**Comments:** None

**Data Element Summary**

Ref. Des.	Data Elmt.	Name	Attributes
REF01	128	Reference Identification Qualifier	M ID 2/3
		Code qualifying the Reference Identification	
		DK Dock Number	
		KB Beginning Kanban Serial Number	
		KP Health Certificate Number	
		A certificate given by the veterinary authorities regarding the health of animals being shipped	
		This qualifier is used for Kanban Number.	
		LF Assembly Line Feed Location	
		LT Lot Number	
		RL Reserve Assembly Line Feed Location	
REF02	127	Reference Identification	X AN 1/30
		Dock Number, Line Feed and/or Reserve Line Feed (when applicable)	

IMPORTANT:

**Segment: SN1 Item Detail (Shipment)**

<b>Position:</b>	180
<b>Loop:</b>	HL Mandatory
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To specify line-item detail relative to shipment
<b>Syntax Notes:</b>	1 If either SN105 or SN106 is present, then the other is required.
<b>Semantic Notes:</b>	1 SN101 is the ship notice line-item identification.
<b>Comments:</b>	1 SN103 defines the unit of measurement for both SN102 and SN104.

**Data Element Summary**

Ref. Des.	Data Elmt.	Name	Attributes
SN102	382	Number of Units Shipped	M R 1/10
		Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set	
SN103	355	Unit or Basis for Measurement Code	M ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		Refer to 004010 Data Element Dictionary for acceptable code values.	

IMPORTANT:

**Segment: PRF Purchase Order Reference**

**Position:** 190  
**Loop:** HL Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To provide reference to a specific purchase order  
**Syntax Notes:**  
**Semantic Notes:** 1 PRF04 is the date assigned by the purchaser to purchase order.  
**Comments:** None

**Data Element Summary**

Ref. Des.	Data Elmt.	Name	Attributes
PRF01	324	Purchase Order Number  Identifying number for Purchase Order assigned by the orderer/ purchaser	M AN 1/20
PRF02	328	Release Number  Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction	O AN 1/20

IMPORTANT:

New Option

**Segment: ETD Excess Transportation Detail**

**Position:** 200  
**Loop:** HL Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify information relating to premium transportation  
**Syntax Notes:** 1 If either ETD03 or ETD04 is present, then the other is required.  
**Semantic Notes:** 1 ETD03 qualifies the authorization number given in EDT04.  
**Comments:** None

**Data Element Summary**

Ref. Des.	Data Elmt.	Name	Attributes
ETD01	626	Excess Transportation Reason Code Code identifying the reason for shipment via premium transportation rather than the normal mode of transportation ZZ Mutually Defined	M ID 1/2
ETD02	627	Excess Transportation Responsibility Code Code identifying the organization responsible for paying the premium transportation costs Z Mutually Defined	M ID 1/1
ETD03	128	Reference Identification Qualifier Code qualifying the Reference Identification ZZ Mutually Defined	X ID 2/3
ETD04	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30

IMPORTANT:

## Segment: **HL** Hierarchical Level

<b>Position:</b>	210
<b>Loop:</b>	HL Mandatory
<b>Level:</b>	Detail
<b>Usage:</b>	Mandatory
<b>Max Use:</b>	1
<b>Purpose:</b>	To identify dependencies among and the content of hierarchically related groups of data segments
<b>Syntax Notes:</b>	None
<b>Semantic Notes:</b>	None
<b>Comments:</b>	<p><b>1</b> The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.</p> <p>The HL segment defines a top-down/left-right ordered structure.</p> <p><b>2</b> HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.</p> <p><b>3</b> HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.</p> <p><b>4</b> HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.</p> <p><b>5</b> HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.</p>

### Data Element Summary

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

IMPORTANT:



Code defining the characteristic of a level in a hierarchical structure

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IMPORTANT:

## Segment: **LIN** Item Identification

<b>Position:</b>	220
<b>Loop:</b>	HL Mandatory
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To specify basic item identification data
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 If either LIN04 or LIN05 is present, then the other is required.</li> <li>2 If either LIN06 or LIN07 is present, then the other is required.</li> <li>3 If either LIN08 or LIN09 is present, then the other is required.</li> <li>4 If either LIN10 or LIN11 is present, then the other is required.</li> <li>5 If either LIN12 or LIN13 is present, then the other is required.</li> <li>6 If either LIN14 or LIN15 is present, then the other is required.</li> <li>7 If either LIN16 or LIN17 is present, then the other is required.</li> <li>8 If either LIN18 or LIN19 is present, then the other is required.</li> <li>9 If either LIN20 or LIN21 is present, then the other is required.</li> <li>10 If either LIN22 or LIN23 is present, then the other is required.</li> <li>11 If either LIN24 or LIN25 is present, then the other is required.</li> <li>12 If either LIN26 or LIN27 is present, then the other is required.</li> <li>13 If either LIN28 or LIN29 is present, then the other is required.</li> <li>14 If either LIN30 or LIN31 is present, then the other is required.</li> </ol>
<b>Semantic Notes:</b>	1 LIN01 is the line item identification
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 See the Data Dictionary for a complete list of IDs.</li> <li>2 LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.</li> </ol>

## Data Element Summary

Ref. Des.	Data Elmt.	Name	Attributes
LIN01	350	Assigned Identification	O AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction set	
LIN02	235	Product/Service ID Qualifier	M ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		RC Returnable Container	
LIN03	234	Product/Service ID	M AN 1/30
		Non-Returnable or Returnable	

IMPORTANT:

## Segment: **CLD** Container Load Detail

<b>Position:</b>	230
<b>Loop:</b>	HL Mandatory
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To specify the number of material loads shipped
<b>Syntax Notes:</b>	1 If CLD05 is present, then CLD04 is required.
<b>Semantic Notes:</b>	1 CLD05 is used to dimension the value given in CLD04
<b>Comments:</b>	1 The CLD data segment may be used to provide information to aid in the preparation of move tags and/or bar coded labels.

### Data Element Summary

Ref. Des.	Data Elmt.	Name	Attributes
CLD01	622	Number of Loads Number of customer-defined loads shipped by the supplier.	M NO 1/5
CLD02	382	Number of Units Shipped Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set.	M R 1/10
CLD03	103	Packaging Code Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required Refer to 004010 Data Element Dictionary for acceptable code values.	O AN 3/5
CLD04	357	Size Size of supplier units in pack	X R 1/8
CLD05	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken. Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2

IMPORTANT:

## Segment: **REF** Reference Identification

**Position:** 240  
**Loop:** HL Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

**Semantic Notes:**

- 1 REF04 contains data relating to the value cited in REF02.

**Comments:** None

### Data Element Summary

Ref. Des.	Data Elmt.	Name	Attributes
REF01	128	Reference Identification Qualifier	M ID 2/3
		Code qualifying the Reference Identification	
		DK Dock Number	
		KB Beginning Kanban Serial Number	
		KP Health Certificate Number	
		A certificate given by the veterinary authorities regarding the health of animals being shipped	
		This qualifier is used for Kanban Number.	
		LF Assembly Line Feed Location	
	**	LS Serial #	
		LT Lot Number	
		RL Reserve Assembly Line Feed Location	
REF02	127	Reference Identification	X AN 1/30
		Dock Number, Line Feed and/or Reserve Line Feed (when applicable)	
		** Note: Serial Number, Per Lacks label spec, is the Lacks supplier vendor number (found in N1*SF 03 segment) plus incrementing serial number	

IMPORTANT:

## Segment: **HL** Hierarchical Level

<b>Position:</b>	250
<b>Loop:</b>	HL Mandatory
<b>Level:</b>	Detail
<b>Usage:</b>	Mandatory
<b>Max Use:</b>	1
<b>Purpose:</b>	To identify dependencies among and the content of hierarchically related groups of data segments
<b>Syntax Notes:</b>	None
<b>Semantic Notes:</b>	None
<b>Comments:</b>	<p><b>1</b> The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.</p> <p>The HL segment defines a top-down/left-right ordered structure.</p> <p><b>2</b> HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.</p> <p><b>3</b> HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.</p> <p><b>4</b> HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.</p> <p><b>5</b> HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.</p>

### Data Element Summary

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

IMPORTANT:

Code defining the characteristic of a level in a hierarchical structure

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IMPORTANT:

## Segment: **CLD** Container Load Detail

<b>Position:</b>	260
<b>Loop:</b>	HL Mandatory
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To specify the number of material loads shipped
<b>Syntax Notes:</b>	1 If CLD05 is present, then CLD04 is required.
<b>Semantic Notes:</b>	1 CLD05 is used to dimension the value given in CLD04
<b>Comments:</b>	1 The CLD data segment may be used to provide information to aid in the preparation of move tags and/or bar coded labels.

### Data Element Summary

Ref. Des.	Data Elmt.	Name	Attributes
CLD01	622	Number of Loads Number of customer-defined loads shipped by the supplier.	M NO 1/5
CLD02	382	Number of Units Shipped Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set.	M R 1/10
CLD03	103	Packaging Code Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required Refer to 004010 Data Element Dictionary for acceptable code values.	O AN 3/5
CLD04	357	Size Size of supplier units in pack	X R 1/8
CLD05	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken. Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2

IMPORTANT:

## Segment: **REF** Reference Identification

**Position:** 270  
**Loop:** HL Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

**Semantic Notes:**

- 1 REF04 contains data relating to the value cited in REF02.

**Comments:** None

### Data Element Summary

Ref. Des.	Data Elmt.	Name	Attributes
REF01	128	Reference Identification Qualifier	M ID 2/3
		Code qualifying the Reference Identification	
		DK Dock Number	
		KB Beginning Kanban Serial Number	
		KP Health Certificate Number	
		A certificate given by the veterinary authorities regarding the health of animals being shipped	
		This qualifier is used for Kanban Number.	
		LF Assembly Line Feed Location	
		** LS Serial Number	
		LT Lot Number	
		RL Reserve Assembly Line Feed Location	
REF02	127	Reference Identification	X AN 1/30
		Dock Number, Line Feed and/or Reserve Line Feed (when applicable)	

\*\* Note: Serial Number, Per Lacks label spec, is the Lacks supplier vendor number (found in N1\*SF 03 segment) plus incrementing serial number

IMPORTANT:



## Segment: **CTT** Transaction Totals

<b>Position:</b>	280
<b>Loop:</b>	
<b>Level:</b>	Summary
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To transmit a hash total for a specific element in the transaction set
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 If either CTT03 or CTT04 is present, then the other is required.</li> <li>2 If either CTT05 or CTT06 is present, then the other is required.</li> </ol>
<b>Semantic Notes:</b>	
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 This segment is intended to provide hash totals to validate transaction completeness and correctness.</li> </ol>

### Data Element Summary

Ref. Des.	Data Elmt.	Name	Attributes
CTT01	354	Number of Line Items Total number of line items in the transaction set	M N0 1/6
CTT02	347	Hash Total Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ----- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.	O R 1/10

IMPORTANT:

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

**Position:** 290  
**Loop:**  
**Level:** Summary  
**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 ending (SE) segments)

**Syntax Notes:**

**Semantic Notes:**

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

### Data Element Summary

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

IMPORTANT:

LACKS 856 EXAMPLE

ISA\*00\*                   \*00\*                   \*ZZ\*SUPPLIER                   \*ZZ\*LACKS  
\*091220\*1542\*U\*00400\*000000004\*0\*P\*~  
GS\*SH\*SUPPLIER\*LACKS\*20091220\*1542\*4\*X\*4010  
ST\*856\*0001  
BSN\*00\*SAMPLE001\*20091220\*2040  
DTM\*011\*20091220\*1540\*ED  
DTM\*017\*20091221\*1540\*ED  
HL\*1\*\*S  
MEA\*PD\*G\*410\*LB  
MEA\*PD\*N\*250\*LB  
TD1\*Detail Box\*80  
TD1\*Master Box\*4  
N1\*SF\*GECOM CORPORATION\*1\*00060235  
N1\*SU\*GECOM CORPORATION\*1\*00060235  
N1\*ST\*LACKS TRIM SYSTEMS - Patterson Assembly\*1\*0010  
N1\*MI\*LACKS TRIM SYSTEMS - Patterson Assembly\*1\*10  
FOB\*CC  
HL\*2\*1\*O  
LIN\*\*BP\*NI04004\*PO\*\*EC\*\*RY\*\*\*\*KB\*00005966-0313  
REF\*LT\*20091220001  
SN1\*\*1000\*EA  
HL\*3\*2\*T  
CLD\*1\*500\*Master Box  
REF\*LS\*00060235141  
REF\*LT\*20091220001  
HL\*4\*3\*I  
CLD\*20\*25\*Detail Box  
REF\*LS\*00060235101  
REF\*LS\*00060235102  
REF\*LS\*00060235103  
REF\*LS\*00060235104  
REF\*LS\*00060235105  
REF\*LS\*00060235106  
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REF\*LT\*20091220001  
HL\*6\*5\*I  
CLD\*20\*25\*Detail Box  
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REF\*LT\*20091220001  
SN1\*\*1000\*EA  
HL\*8\*7\*T  
CLD\*1\*500\*Master Box  
REF\*LS\*00060235183  
REF\*LT\*20091220001  
HL\*9\*8\*I  
CLD\*20\*25\*Detail Box  
REF\*LS\*00060235143  
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REF\*LS\*00060235161  
REF\*LS\*00060235162  
HL\*10\*7\*T  
CLD\*1\*500\*Master Box  
REF\*LS\*00060235184  
REF\*LT\*20091220001  
HL\*11\*10\*I  
CLD\*20\*25\*Detail Box  
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REF\*LS\*00060235172  
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REF\*LS\*00060235175  
REF\*LS\*00060235176

Sample856\_edi

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REF\*LS\*00060235178  
REF\*LS\*00060235179  
REF\*LS\*00060235180  
REF\*LS\*00060235181  
REF\*LS\*00060235182  
CTT\*2  
SE\*25\*0001  
GE\*1\*4  
IEA\*1\*000000004

PAGE 144 A

## 856 Example

```

ISA*00* 00* 01*supplier 01*buyer 070312*1742*U*00400*000000015*0*P*~
GS*SH*supplier*buyer*20070312*1742*24*X*4010
ST*856*0001
BSN*00*49*20070312*2113
DTM*011*20070312*1513*ED
DTM*017*20070314*1513*ED
HL*1**S
MEA*PD*G*208.5804*LB
MEA*PD*N*180*LB
TD1*PlBag*8
TD1*SmBox*8
TD1*LgBox*4
TD5*B*2*SCAC*S
TD3*VE**VH1
REF*RC*Route1
REF*BM*BOL
REF*CN*PRO
REF*DK*dock1
N1*SU*Supplier Name*1*SupplierID
N1*ST*ShipTo Name*1*ShipToID
N1*MI*Facility Name*1*FacilityID
N1*SF*Supplier*92*Identification Code
FOB*PP
HL*2*1*O
LIN**BP*Part1
SN1**100*EA
HL*3*2*T
LIN**RC*RETURNABLE
CLD*1*50*LgBox
REF*LS*Serial1
REF*LT*Lot1
HL*4*3*I
CLD*2*25*SmBox
REF*LS*Serial2
REF*LT*Lot2
REF*LS*Serial3
REF*LT*Lot3
HL*5*2*T
LIN**RC*RETURNABLE
CLD*1*50*LgBox
REF*LS*Serial4
REF*LT*Lot4
HL*6*5*I
CLD*2*25*SmBox
REF*LS*Serial5
REF*LT*Lot5
REF*LS*Serial6

```

IMPORTANT:

REF\*LT\*Lot6  
HL\*7\*1\*O  
LIN\*\*BP\*Part2  
SN1\*\*100\*EA  
HL\*8\*7\*T  
LIN\*\*RC\*RETURNABLE  
CLD\*1\*50\*LgBox  
REF\*LS\*Serial7  
REF\*LT\*Lot7  
HL\*9\*8\*I  
CLD\*2\*25\*PlBag  
REF\*LS\*Serial8  
REF\*LT\*Lot8  
REF\*LS\*Serial9  
REF\*LT\*Lot9  
HL\*10\*7\*T  
LIN\*\*RC\*NONRETURNABLE  
CLD\*1\*50\*LgBox  
REF\*LS\*Serial10  
REF\*LT\*Lot10  
HL\*11\*10\*I  
CLD\*2\*25\*PlBag  
REF\*LS\*Serial11  
REF\*LT\*Lot11  
REF\*LS\*Serial12  
REF\*LT\*Lot12  
CTT\*2  
SE\*28\*0001  
GE\*1\*24  
IEA\*1\*000000015

IMPORTANT: