

856 CVS Health Ship Notice/Manifest

Functional Group ID=**SH**

Introduction:

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

Notes:

CVS Health EDI Department
One CVS Drive
Woonsocket RI 02895

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>
M	010	ST	Transaction Set Header	M	1		
M	020	BSN	Beginning Segment for Ship Notice	M	1		

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	
M	010	HL	Hierarchical Level	M	1		c1
	110	TD1	Carrier Details (Quantity and Weight)	O	20		
	120	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
	150	REF	Reference Identification	O	>1		
	200	DTM	Date/Time Reference	O	10		
			LOOP ID - N1			200	
	220	N1	Name	O	1		
	230	N2	Additional Name Information	O	2		
	240	N3	Address Information	O	2		
	250	N4	Geographic Location	O	1		
	260	REF	Reference Identification	O	12		
	335	YNQ	Yes/No Question	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	
M	010	HL	Hierarchical Level	M	1		n1

050	PRF	Purchase Order Reference	O	1
150	REF	Reference Identification	O	>1

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
M	010	HL	Hierarchical Level	M	1	
	190	MAN	Marks and Numbers	O	>1	
	215	PAL	Pallet Information	O	1	
LOOP ID - N1						200
	220	N1	Name	O	1	
Not Used	230	N2	Additional Name Information	O	2	
Not Used	240	N3	Address Information	O	2	
Not Used	250	N4	Geographic Location	O	1	
Not Used	260	REF	Reference Identification	O	12	
Not Used	270	PER	Administrative Communications Contact	O	3	
Not Used	280	FOB	F.O.B. Related Instructions	O	1	

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
M	010	HL	Hierarchical Level	M	1	
	190	MAN	Marks and Numbers	O	>1	

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
M	010	HL	Hierarchical Level	M	1	
	020	LIN	Item Identification	O	1	
	030	SN1	Item Detail (Shipment)	O	1	
	070	PID	Product/Item Description	O	200	

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>
	010	CTT	Transaction Totals	O	1	
M	020	SE	Transaction Set Trailer	M	1	

Transaction Set Notes

1. 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

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

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:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 856 Ship Notice/Manifest	M ID 3/3
M	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 The control number is comprised of the functional group control number (Data Element 28 in the GS segment) followed by a four-digit sequence number. The sequence number is sequentially assigned by the sender, starting with one within each functional group. For each functional group, the first sequence number will be 0001 and will be incremented by one for each additional transaction set within the group.	M AN 4/9

Segment: **BSN** Beginning Segment for Ship Notice
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To transmit identifying numbers, dates, and other basic data relating to the transaction set
Syntax Notes: 1 If BSN07 is present, then BSN06 is required.
Semantic Notes: 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.
Comments: 1 BSN06 and BSN07 differentiate the functionality of use for the transaction set.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	BSN01	353	Transaction Set Purpose Code Code identifying purpose of transaction set 00 Original	M ID 2/2
M	BSN02	396	Shipment Identification A unique control number assigned by the original shipper to identify a specific shipment	M AN 2/30
M	BSN03	373	Date Date expressed as CCYYMMDD	M DT 8/8
M	BSN04	337	Time 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
X	BSN05	1005	Hierarchical Structure Code 0001 Shipment, Order, Packaging, Item UCS structure is Shipment, Order, Tare, Pack and Item	O ID 4/4
	BSN06	640	Transaction Type Code Code specifying the type of transaction AS Shipment Advice Notification by an inventory management organization providing current shipping advice relating to the outstanding requisition or order	X ID 2/2
X	BSN07	641	Status Reason Code Refer to 004010UCS Data Element Dictionary for acceptable code values.	O ID 3/3

Segment: **HL** Hierarchical Level
Position: 010
Loop: HL Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Syntax Notes:

Semantic Notes:

- Comments:**
- 1 The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
The HL segment defines a top-down/left-right ordered structure.
 - 2 HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
 - 3 HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
 - 4 HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
 - 5 HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Notes: HL02 will be omitted for the first HL segment of the transaction set, since it has no parent. HL03 indicates the application context of the series of segments following the current HL segment up to the next occurrence of an HL segment, or the CTT segment, e.g, Shipment, Order, Tare, Pack, and Item.

Data Element Summary

Ref.	Data Element	Name	Attributes
M	HL01	Hierarchical ID Number	M AN 1/12
		A unique number assigned by the sender to identify a particular data segment in a hierarchical structure The value for HL01 for this level (shipment) is 1.	
X	HL02	Hierarchical Parent ID Number	O AN 1/12
M	HL03	Hierarchical Level Code	M ID 1/2
		Code defining the characteristic of a level in a hierarchical structure S Shipment	
	HL04	Hierarchical Child Code	O ID 1/1
		Code indicating if there are hierarchical child data segments subordinate to the level being described 1 Additional Subordinate HL Data Segment in This Hierarchical Structure.	

Segment: **TD1** Carrier Details (Quantity and Weight)
Position: 110
Loop: HL Mandatory
Level: Detail
Usage: Optional
Max Use: 20
Purpose: To specify the transportation details relative to commodity, weight, and quantity
Syntax Notes:

- 1 If TD101 is present, then TD102 is required.
- 2 If TD103 is present, then TD104 is required.
- 3 If TD106 is present, then TD107 is required.
- 4 If either TD107 or TD108 is present, then the other is required.
- 5 If either TD109 or TD110 is present, then the other is required.

Semantic Notes:

Comments:

Notes: This segment is used to specify total containers and gross weight of the shipment.

Data Element Summary

Ref.	Data Des.	Element	Name	Attributes
	TD101	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 CAS Case	O AN 3/5
	TD102	80	Lading Quantity Number of units (pieces) of the lading commodity TD102 is the number of packages in the shipment as described in TD101.	X N0 1/7
X	TD103	23	Commodity Code Qualifier Refer to 004010UCS Data Element Dictionary for acceptable code values.	O ID 1/1
X	TD104	22	Commodity Code	X AN 1/30
X	TD105	79	Lading Description	O AN 1/50
	TD106	187	Weight Qualifier Code defining the type of weight G Gross Weight	O ID 1/2
	TD107	81	Weight Numeric value of weight	X R2 1/10
	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 The unit or basis for measurement code is used to qualify the contents of various data elements. It will vary depending on the data element it qualifies and the convention within industry groups. LB Pound	X ID 2/2
X	TD109	183	Volume	X R3 1/8
X	TD110	355	Unit or Basis for Measurement Code Refer to 004010UCS Data Element Dictionary for acceptable code values.	X ID 2/2

Segment: **TD5** Carrier Details (Routing Sequence/Transit Time)
Position: 120
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 At least one of TD502 TD504 TD505 TD506 or TD512 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.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
X	TD501	133	Routing Sequence Code	O ID 1/2
			Refer to 004010UCS Data Element Dictionary for acceptable code values.	
	TD502	66	Identification Code Qualifier	X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)	
		2	Standard Carrier Alpha Code (SCAC)	
	TD503	67	Identification Code	X AN 2/80
			Code identifying a party or other code	
			Parties may define multiple identification codes for a location in order to support warehouse or depositor processing. For example, multiple identification codes might be used to differentiate product lines or stocks for a depositor. Also see Data Elements 66 (Identification Code Qualifier) and 98 (Entity Identifier Code).	
X	TD504	91	Transportation Method/Type Code	X ID 1/2
			Refer to 004010UCS Data Element Dictionary for acceptable code values.	
X	TD505	387	Routing	X AN 1/35
	TD506	368	Shipment/Order Status Code	X ID 2/2
			Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction	
		CC	Shipment Complete on (Date)	
			Shipped equals ordered	
X	TD507	309	Location Qualifier	O ID 1/2
			Refer to 004010UCS Data Element Dictionary for acceptable code values.	
X	TD508	310	Location Identifier	O AN 1/30
X	TD509	731	Transit Direction Code	O ID 2/2
			Refer to 004010UCS Data Element Dictionary for acceptable code values.	
X	TD510	732	Transit Time Direction Qualifier	O ID 2/2
		CD	Calendar Days (Includes weekends and Holidays)	
		HO	Hours	
X	TD511	733	Transit Time	X R0 1/4
X	TD512	284	Service Level Code	X ID 2/2

X	TD513	284	Refer to 004010UCS Data Element Dictionary for acceptable code values. Service Level Code	X ID 2/2
X	TD514	284	Refer to 004010UCS Data Element Dictionary for acceptable code values. Service Level Code	O ID 2/2
X	TD515	26	Refer to 004010UCS Data Element Dictionary for acceptable code values. Country Code	O ID 2/3

Segment: **REF** Reference Identification
Position: 150
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.
Semantic Notes:
Comments:
Notes:

This segment is used to specify the bill of lading number. When available, additional iterations of this segment may be used to specify the carrier's PRO number, appointment number, etc.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification For WINS, Data Elements 145 (Shipment Identification Number), 285 (Depositor Order Number), 324 (Purchase Order Number), and 531 (Agent Shipment ID Number) are specific data elements and should be sent in the appropriate segments where they appear and not in the Reference Number Segment (N9). Used for cross reference to other invoices to be associated with the invoice defined in G0102 Used for cross reference to other purchase orders to be associated with the purchase order defined in G5003 Used to identify a manufacturing batch (includes lot and/or production code) Used to list the purchase orders (other than the purchase order in G0104) to be considered with the invoice being transmitted A number assigned by the receiving company to uniquely identify a particular invoice, typically for direct store delivery Used to provide a means for brokers to transmit a vendor assigned terms code on a purchase order using the N9 segment A number assigned by the receiving company to uniquely identify a vendor, typically for direct store delivery For Warehouse Transaction Set usage only 2I Tracking Number BM Bill of Lading Number VR Vendor ID Number A number assigned by the receiving company to uniquely identify a vendor, typically for direct store delivery	M ID 2/3
	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier For WINS, reference numbers pertaining to the entire order as a whole should be put in the header level of the transaction set. Reference numbers pertaining to individual line items should appear in the detail level of the transaction set.	X AN 1/30
X	REF03	352	Description	X AN 1/80

Segment: **DTM** **Date/Time Reference**
Position: 200
Loop: HL Mandatory
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes:

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 011 Shipped 017 Estimated Delivery 067 Current Schedule Delivery	M ID 3/3
	DTM02	373	Date Date expressed as CCYYMMDD	X DT 8/8
X	DTM03	337	Time	X TM 4/8
X	DTM04	623	Time Code Refer to 004010UCS Data Element Dictionary for acceptable code values.	O ID 2/2
X	DTM05	1250	Date Time Period Format Qualifier Refer to 004010UCS Data Element Dictionary for acceptable code values.	X ID 2/3
X	DTM06	1251	Date Time Period	X AN 1/35

Segment: **N1** Name
Position: 220
Loop: N1 Optional
Level: Detail
Usage: Optional
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.	Data Element	Name	Attributes
M	N101	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		BY Buying Party (Purchaser)	
		SE Selling Party	
		SF Ship From	
		ST Ship To	
	N102	93 Name	X AN 1/60
		Free-form name	
	N103	66 Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
		1 D-U-N-S Number, Dun & Bradstreet	
		11 Drug Enforcement Administration (DEA)	
	N104	67 Identification Code	X AN 2/80
		Code identifying a party or other code	
		Parties may define multiple identification codes for a location in order to support warehouse or depositor processing. For example, multiple identification codes might be used to differentiate product lines or stocks for a depositor. Also see Data Elements 66 (Identification Code Qualifier) and 98 (Entity Identifier Code).	
X	N105	706 Entity Relationship Code	O ID 2/2
		Refer to 004010UCS Data Element Dictionary for acceptable code values.	
X	N106	98 Entity Identifier Code	O ID 2/3
		Refer to 004010UCS Data Element Dictionary for acceptable code values.	

Segment: N2 Additional Name Information
Position: 230
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref.	Data	Name	Attributes
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
M	N201	93	Name Free-form name	M AN 1/60
X	N202	93	Name	O AN 1/60

Segment: N3 Address Information
Position: 240
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref.	Data	Name	Attributes
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
M	N301	166	Address Information Address information	M AN 1/55
X	N302	166	Address Information	O AN 1/55

Segment: **N4 Geographic Location**
Position: 250
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1 If N406 is present, then N405 is required.
Semantic Notes:
Comments: 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2 N402 is required only if city name (N401) is in the U.S. or Canada.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
N401	19	City Name Free-form text for city name	O AN 2/30
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/15
N404	26	Country Code Code identifying the country	O ID 2/3
		When this data element is used in the N4 segment, it is used only if the country is other than the USA.	
X	N405	309 Location Qualifier Refer to 004010UCS Data Element Dictionary for acceptable code values.	X ID 1/2
X	N406	310 Location Identifier	O AN 1/30

Segment: **REF** Reference Identification
Position: 260
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 12
Purpose: To specify identifying information
Syntax Notes: 1 At least one of REF02 or REF03 is required.
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification For WINS, Data Elements 145 (Shipment Identification Number), 285 (Depositor Order Number), 324 (Purchase Order Number), and 531 (Agent Shipment ID Number) are specific data elements and should be sent in the appropriate segments where they appear and not in the Reference Number Segment (N9). Used for cross reference to other invoices to be associated with the invoice defined in G0102 Used for cross reference to other purchase orders to be associated with the purchase order defined in G5003 Used to identify a manufacturing batch (includes lot and/or production code) Used to list the purchase orders (other than the purchase order in G0104) to be considered with the invoice being transmitted A number assigned by the receiving company to uniquely identify a particular invoice, typically for direct store delivery Used to provide a means for brokers to transmit a vendor assigned terms code on a purchase order using the N9 segment A number assigned by the receiving company to uniquely identify a vendor, typically for direct store delivery For Warehouse Transaction Set usage only FW State License Identification Number A unique number assigned to each provider of service; this number is assigned by state governments and is the provider's legal identification number in the state that is assigned ST Store Number	M ID 2/3
	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier For WINS, reference numbers pertaining to the entire order as a whole should be put in the header level of the transaction set. Reference numbers pertaining to individual line items should appear in the detail level of the transaction set.	X AN 1/30
	REF03	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80

Segment: **YNQ** Yes/No Question
Position: 335
Loop: HL Mandatory
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To identify and answer yes and no questions, including the date, time, and comments further qualifying the condition

Syntax Notes:
 1 Only one of YNQ01 YNQ09 or YNQ10 may be present.
 2 If either YNQ03 or YNQ04 is present, then the other is required.
 3 If YNQ09 is present, then YNQ08 is required.

Semantic Notes:
 1 YNQ02 confirms or denies the statement made in YNQ01, YNQ09 or YNQ10. A "Y" indicates the statement is confirmed; an "N" indicates the statement is denied.
 2 YNQ10 contains a free-form question when codified questions are not available.

Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
X	YNQ01	1321	Condition Indicator Refer to 004010UCS Data Element Dictionary for acceptable code values.	X ID 2/2
M	YNQ02	1073	Yes/No Condition or Response Code Code indicating a Yes or No condition or response Y Yes	M ID 1/1
X	YNQ03	1250	Date Time Period Format Qualifier Refer to 004010UCS Data Element Dictionary for acceptable code values.	X ID 2/3
X	YNQ04	1251	Date Time Period	X AN 1/35
	YNQ05	933	Free-Form Message Text Free-form message text	O AN 1/264
X	YNQ06	933	Free-Form Message Text	O AN 1/264
X	YNQ07	933	Free-Form Message Text	O AN 1/264
	YNQ08	1270	Code List Qualifier Code Code identifying a specific industry code list 99 Purpose Code Codes that inform the material owner why an inventory balance is being reserved	X ID 1/3
	YNQ09	1271	Industry Code Code indicating a code from a specific industry code list	X AN 1/30
X	YNQ10	933	Free-Form Message Text	X AN 1/264

Segment: **HL Hierarchical Level**
Position: 010
Loop: HL Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Syntax Notes:

Semantic Notes:

- Comments:**
- 1 The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
The HL segment defines a top-down/left-right ordered structure.
 - 2 HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
 - 3 HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
 - 4 HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
 - 5 HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Notes: HL03 indicates the application context of the series of segments following the current HL segment up to the next occurrence of an HL segment, or the CTT segment, e.g., Shipment, Order, Tare, Pack, and Item.

Data Element Summary

Ref.	Data Element	Name	Attributes
M	HL01	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	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	
M	HL03	Hierarchical Level Code	M ID 1/2
		Code defining the characteristic of a level in a hierarchical structure	
		O Order	
	HL04	Hierarchical Child Code	O ID 1/1
		Code indicating if there are hierarchical child data segments subordinate to the level being described	
		1 Additional Subordinate HL Data Segment in This Hierarchical Structure.	

Segment: **PRF** Purchase Order Reference
Position: 050
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:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	PRF01	324	Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser For WINS, if the purchase order number is provided, it should be returned on the confirmation.	M AN 1/22
X	PRF02	328	Release Number	O AN 1/30
X	PRF03	327	Change Order Sequence Number	O AN 1/8
	PRF04	373	Date Date expressed as CCYYMMDD	O DT 8/8
X	PRF05	350	Assigned Identification	O AN 1/20
X	PRF06	367	Contract Number	O AN 1/30
X	PRF07	92	Purchase Order Type Code Refer to 004010UCS Data Element Dictionary for acceptable code values.	O ID 2/2

Segment: **REF** Reference Identification
Position: 150
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.
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification For WINS, Data Elements 145 (Shipment Identification Number), 285 (Depositor Order Number), 324 (Purchase Order Number), and 531 (Agent Shipment ID Number) are specific data elements and should be sent in the appropriate segments where they appear and not in the Reference Number Segment (N9). Used for cross reference to other invoices to be associated with the invoice defined in G0102 Used for cross reference to other purchase orders to be associated with the purchase order defined in G5003 Used to identify a manufacturing batch (includes lot and/or production code) Used to list the purchase orders (other than the purchase order in G0104) to be considered with the invoice being transmitted A number assigned by the receiving company to uniquely identify a particular invoice, typically for direct store delivery Used to provide a means for brokers to transmit a vendor assigned terms code on a purchase order using the N9 segment A number assigned by the receiving company to uniquely identify a vendor, typically for direct store delivery For Warehouse Transaction Set usage only VN Vendor Order Number	M ID 2/3
	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier For WINS, reference numbers pertaining to the entire order as a whole should be put in the header level of the transaction set. Reference numbers pertaining to individual line items should appear in the detail level of the transaction set.	X AN 1/30
X	REF03	352	Description	X AN 1/80

Segment: **HL** Hierarchical Level
Position: 010
Loop: HL Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Syntax Notes:

Semantic Notes:

- Comments:**
- 1 The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
The HL segment defines a top-down/left-right ordered structure.
 - 2 HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
 - 3 HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
 - 4 HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
 - 5 HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Notes: This segment is only used when tare level information is being sent.

HL03 indicates the application context of the series of segments following the current HL segment up to the next occurrence of an HL segment, or the CTT segment, e.g., Shipment, Order, Tare, Pack, and Item.

Data Element Summary

Ref.	Data Element	Name	Attributes
M	HL01	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	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	
M	HL03	Hierarchical Level Code	M ID 1/2
		Code defining the characteristic of a level in a hierarchical structure	
		T Shipping Tare	
		Pallet	
X	HL04	Hierarchical Child Code	O ID 1/1
		Refer to 004010UCS Data Element Dictionary for acceptable code values.	

Segment:	MAN Marks and Numbers
Position:	190
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To indicate identifying marks and numbers for shipping containers
Syntax Notes:	<ol style="list-style-type: none"> 1 If either MAN04 or MAN05 is present, then the other is required. 2 If MAN06 is present, then MAN05 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container. 2 When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range. 3 When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range.
Comments:	<ol style="list-style-type: none"> 1 When MAN01 contains code "UC" (U.P.C. Shipping Container Code) and MAN05/MAN06 contain a range of ID numbers, MAN03 is not used. The reason for this is that the U.P.C. Shipping Container code is the same on every carton that is represented in the range in MAN05/MAN06. 2 MAN03 and/or MAN06 are only used when sending a range(s) of ID numbers. When both MAN02/MAN03 and MAN05/MAN06 are used to send ranges of ID numbers, the integrity of the two ID numbers must be maintained.
Notes:	This segment, at the tare level, is used to specify the identification number for the pallet.

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	MAN01	88 Marks and Numbers Qualifier	M ID 1/2
		Code specifying the application or source of Marks and Numbers (87)	
		GM SSCC-18 and Application Identifier	
		UC U.P.C. Shipping Container Code	
		W Pallet Number	
M	MAN02	87 Marks and Numbers	M AN 1/48
		Marks and numbers used to identify a shipment or parts of a shipment	
	MAN03	87 Marks and Numbers	O AN 1/48
		Marks and numbers used to identify a shipment or parts of a shipment	
X	MAN04	88 Marks and Numbers Qualifier	X ID 1/2
		Refer to 004010UCS Data Element Dictionary for acceptable code values.	
X	MAN05	87 Marks and Numbers	X AN 1/48
X	MAN06	87 Marks and Numbers	O AN 1/48

Segment: **PAL** Pallet Information
Position: 215
Loop: HL Mandatory
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To identify the type and physical attributes of the pallet, and, gross weight, gross volume, and height of the load and the pallet

- Syntax Notes:**
- 1 If either PAL05 or PAL06 is present, then the other is required.
 - 2 If PAL07 is present, then PAL10 is required.
 - 3 If PAL08 is present, then PAL10 is required.
 - 4 If PAL09 is present, then PAL10 is required.
 - 5 If PAL10 is present, then at least one of PAL07 PAL08 or PAL09 is required.
 - 6 If either PAL11 or PAL12 is present, then the other is required.
 - 7 If either PAL13 or PAL14 is present, then the other is required.

- Semantic Notes:**
- 1 PAL04 (Pack) is the number of pieces on the pallet.
 - 2 PAL05 (Unit Weight) is the weight of the pallet alone, before loading.
 - 3 PAL07 and PAL08 (Length and Width) are the dimensions of the pallet before loading.
 - 4 PAL09 (Height) is the height of the pallet and load.
 - 5 PAL11 and PAL13 (Gross Weight and Gross Volume) are measured after loading and includes the pallet.

Comments:

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
PAL01	883	Pallet Type Code Code indicating the type of pallet Refer to 004010UCS Data Element Dictionary for acceptable code values.	O ID 1/2
PAL02	884	Pallet Tiers The number of layers per pallet	O N0 1/3
PAL03	885	Pallet Blocks The number of pieces (cartons) per layer on the pallet	O N0 1/3
PAL04	356	Pack The number of inner containers, or number of eaches if there are no inner containers, per outer container	O N0 1/6
X	PAL05	Unit Weight	X R3 1/8
X	PAL06	Unit or Basis for Measurement Code Refer to 004010UCS Data Element Dictionary for acceptable code values.	X ID 2/2
X	PAL07	Length	X R2 1/8
X	PAL08	Width	X R2 1/8
	PAL09	Height Vertical dimension of an object measured when the object is in the upright position	X R2 1/8
	PAL10	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 The unit or basis for measurement code is used to qualify the contents of various data elements. It will vary depending on the data element it qualifies and the convention within industry groups. Refer to 004010UCS Data Element Dictionary for acceptable code values.	X ID 2/2
	PAL11	Gross Weight per Pack Numeric value of gross weight per pack	X R2 1/9
	PAL12	Unit or Basis for Measurement Code	X ID 2/2

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

The unit or basis for measurement code is used to qualify the contents of various data elements. It will vary depending on the data element it qualifies and the convention within industry groups.

Refer to 004010UCS Data Element Dictionary for acceptable code values.

PAL13 385 Gross Volume per Pack X R2 1/9

Numeric value of gross volume per pack

PAL14 355 Unit or Basis for Measurement Code X ID 2/2

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

The unit or basis for measurement code is used to qualify the contents of various data elements. It will vary depending on the data element it qualifies and the convention within industry groups.

Refer to 004010UCS Data Element Dictionary for acceptable code values.

PAL15 399 Pallet Exchange Code O ID 1/1

Code specifying pallet exchange instructions

Refer to 004010UCS Data Element Dictionary for acceptable code values.

X PAL16 810 Inner Pack O N0 1/6

Segment: **N1** Name
Position: 220
Loop: N1 Optional
Level: Detail
Usage: Optional
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.
Notes: This segment is used to identify the final destination, e.g. store, in a cross-docking environment.

Data Element Summary

Ref.	Data Element	Name	Attributes
M	N101	98 Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual SN Store	M ID 2/3
	N102	93 Name Free-form name	X AN 1/60
	N103	66 Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix The identification code consists of a 9-digit DUNS number for the party followed by a 4-character suffix defined by the party. 10 Department of Defense Activity Address Code (DODAAC) Used to identify military locations. DODAAC codes are assigned to all military locations by the Department of Defense and consist of a six-digit alpha numeric number. 92 Assigned by Buyer or Buyer's Agent Code may be used to identify payer's internal identification number.	X ID 1/2
	N104	67 Identification Code Code identifying a party or other code Parties may define multiple identification codes for a location in order to support warehouse or depositor processing. For example, multiple identification codes might be used to differentiate product lines or stocks for a depositor. Also see Data Elements 66 (Identification Code Qualifier) and 98 (Entity Identifier Code).	X AN 2/80
X	N105	706 Entity Relationship Code Refer to 004010UCS Data Element Dictionary for acceptable code values.	O ID 2/2
X	N106	98 Entity Identifier Code Refer to 004010UCS Data Element Dictionary for acceptable code values.	O ID 2/3

Segment: **HL** Hierarchical Level
Position: 010
Loop: HL Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Syntax Notes:

Semantic Notes:

- Comments:**
- 1 The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
The HL segment defines a top-down/left-right ordered structure.
 - 2 HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
 - 3 HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
 - 4 HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
 - 5 HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Notes: HL03 indicates the application context of the series of segments following the current HL segment up to the next occurrence of an HL segment, or the CTT segment, e.g., Shipment, Order, Tare, Pack, and Item.

If the pack has a U.P.C. Case Code, the LIN segment at the pack level is used to indicate the U.P.C. Case Code, and the SN1 segment, at the pack level, is used to report the number of cases.

Data Element Summary

Ref.	Data Element	Name	Attributes
M	HL01	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	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	
M	HL03	Hierarchical Level Code	M ID 1/2
		Code defining the characteristic of a level in a hierarchical structure	
		P Pack	
	HL04	Hierarchical Child Code	O ID 1/1
		Code indicating if there are hierarchical child data segments subordinate to the level being described	
		1 Additional Subordinate HL Data Segment in This Hierarchical Structure.	

Segment:	MAN Marks and Numbers
Position:	190
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To indicate identifying marks and numbers for shipping containers
Syntax Notes:	<ol style="list-style-type: none"> 1 If either MAN04 or MAN05 is present, then the other is required. 2 If MAN06 is present, then MAN05 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container. 2 When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range. 3 When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range.
Comments:	<ol style="list-style-type: none"> 1 When MAN01 contains code "UC" (U.P.C. Shipping Container Code) and MAN05/MAN06 contain a range of ID numbers, MAN03 is not used. The reason for this is that the U.P.C. Shipping Container code is the same on every carton that is represented in the range in MAN05/MAN06. 2 MAN03 and/or MAN06 are only used when sending a range(s) of ID numbers. When both MAN02/MAN03 and MAN05/MAN06 are used to send ranges of ID numbers, the integrity of the two ID numbers must be maintained.
Notes:	This segment, at the pack level, is used to specify the identification of the carton.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	MAN01	88	Marks and Numbers Qualifier	M ID 1/2
			Code specifying the application or source of Marks and Numbers (87)	
			GM SSCC-18 and Application Identifier	
M	MAN02	87	Marks and Numbers	M AN 1/48
			Marks and numbers used to identify a shipment or parts of a shipment	
X	MAN03	87	Marks and Numbers	O AN 1/48
X	MAN04	88	Marks and Numbers Qualifier	X ID 1/2
			Refer to 004010UCS Data Element Dictionary for acceptable code values.	
X	MAN05	87	Marks and Numbers	X AN 1/48
X	MAN06	87	Marks and Numbers	O AN 1/48

Segment: **HL** Hierarchical Level
Position: 010
Loop: HL Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Syntax Notes:

Semantic Notes:

- Comments:**
- 1 The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
The HL segment defines a top-down/left-right ordered structure.
 - 2 HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
 - 3 HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
 - 4 HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
 - 5 HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Notes: This segment is only used when item level information is being sent.

HL03 indicates the application context of the series of segments following the current HL segment up to the next occurrence of an HL segment, or the CTT segment, e.g., Shipment, Order, Tare, Pack, and Item.

Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	HL01	628	Hierarchical ID Number A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	M AN 1/12
	HL02	734	Hierarchical Parent ID Number Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to	O AN 1/12
M	HL03	735	Hierarchical Level Code Code defining the characteristic of a level in a hierarchical structure	M ID 1/2
			I Item	
X	HL04	736	Hierarchical Child Code Refer to 004010UCS Data Element Dictionary for acceptable code values.	O ID 1/1

Segment:	LIN Item Identification
Position:	020
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify basic item identification data
Syntax Notes:	<ol style="list-style-type: none"> 1 If either LIN04 or LIN05 is present, then the other is required. 2 If either LIN06 or LIN07 is present, then the other is required. 3 If either LIN08 or LIN09 is present, then the other is required. 4 If either LIN10 or LIN11 is present, then the other is required. 5 If either LIN12 or LIN13 is present, then the other is required. 6 If either LIN14 or LIN15 is present, then the other is required. 7 If either LIN16 or LIN17 is present, then the other is required. 8 If either LIN18 or LIN19 is present, then the other is required. 9 If either LIN20 or LIN21 is present, then the other is required. 10 If either LIN22 or LIN23 is present, then the other is required. 11 If either LIN24 or LIN25 is present, then the other is required. 12 If either LIN26 or LIN27 is present, then the other is required. 13 If either LIN28 or LIN29 is present, then the other is required. 14 If either LIN30 or LIN31 is present, then the other is required.
Semantic Notes:	1 LIN01 is the line item identification
Comments:	<ol style="list-style-type: none"> 1 See the Data Dictionary for a complete list of IDs. 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.
Notes:	<p>There is one LIN segment for each consumer unit.</p> <p>The codes listed for LIN02 apply to every occurrence of data element 235 in the LIN segment.</p>

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
		LIN01	350 Assigned Identification	O AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set	
M	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)	
			N4 National Drug Code in 5-4-2 Format	
			5-digit manufacturer ID, 4-digit product ID, 2-digit trade package size	
M	LIN03	234	Product/Service ID	M AN 1/48
			Identifying number for a product or service	
	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)	
			UP U.P.C. Consumer Package Code (1-5-5-1)	
			A 12-digit Universal Product Code which uniquely identifies each consumer unit	
			Code is formatted as:	
			*1 digit number system character (U.S. Grocery and General Merchandise = 0, 6 or 7; U.S. Drug = 3)	
			*5 digit manufacturer identification number	
			*5 digit item number	
			*1 digit check digit	
	LIN05	234	Product/Service ID	X AN 1/48

			Identifying number for a product or service		
	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)		
			LT Lot Number		
	LIN07	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
X	LIN08	235	Product/Service ID Qualifier	X	ID 2/2
			Refer to 004010UCS Data Element Dictionary for acceptable code values.		
X	LIN09	234	Product/Service ID	X	AN 1/48
X	LIN10	235	Product/Service ID Qualifier	X	ID 2/2
			Refer to 004010UCS Data Element Dictionary for acceptable code values.		
X	LIN11	234	Product/Service ID	X	AN 1/48
X	LIN12	235	Product/Service ID Qualifier	X	ID 2/2
			Refer to 004010UCS Data Element Dictionary for acceptable code values.		
X	LIN13	234	Product/Service ID	X	AN 1/48
X	LIN14	235	Product/Service ID Qualifier	X	ID 2/2
			Refer to 004010UCS Data Element Dictionary for acceptable code values.		
X	LIN15	234	Product/Service ID	X	AN 1/48
X	LIN16	235	Product/Service ID Qualifier	X	ID 2/2
			Refer to 004010UCS Data Element Dictionary for acceptable code values.		
X	LIN17	234	Product/Service ID	X	AN 1/48
X	LIN18	235	Product/Service ID Qualifier	X	ID 2/2
			Refer to 004010UCS Data Element Dictionary for acceptable code values.		
X	LIN19	234	Product/Service ID	X	AN 1/48
X	LIN20	235	Product/Service ID Qualifier	X	ID 2/2
			Refer to 004010UCS Data Element Dictionary for acceptable code values.		
X	LIN21	234	Product/Service ID	X	AN 1/48
X	LIN22	235	Product/Service ID Qualifier	X	ID 2/2
			Refer to 004010UCS Data Element Dictionary for acceptable code values.		
X	LIN23	234	Product/Service ID	X	AN 1/48
X	LIN24	235	Product/Service ID Qualifier	X	ID 2/2
			Refer to 004010UCS Data Element Dictionary for acceptable code values.		
X	LIN25	234	Product/Service ID	X	AN 1/48
X	LIN26	235	Product/Service ID Qualifier	X	ID 2/2
			Refer to 004010UCS Data Element Dictionary for acceptable code values.		
X	LIN27	234	Product/Service ID	X	AN 1/48
X	LIN28	235	Product/Service ID Qualifier	X	ID 2/2
			Refer to 004010UCS Data Element Dictionary for acceptable code values.		
X	LIN29	234	Product/Service ID	X	AN 1/48
X	LIN30	235	Product/Service ID Qualifier	X	ID 2/2
			Refer to 004010UCS Data Element Dictionary for acceptable code values.		
X	LIN31	234	Product/Service ID	X	AN 1/48

Segment: **SN1** Item Detail (Shipment)
Position: 030
Loop: HL Mandatory
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify line-item detail relative to shipment
Syntax Notes: 1 If either SN105 or SN106 is present, then the other is required.
Semantic Notes: 1 SN101 is the ship notice line-item identification.
Comments: 1 SN103 defines the unit of measurement for both SN102 and SN104.
Notes: This segment is used to specify the quantities associated with the item identification in the preceding LIN segment.

If the SN1 segment is used at the item level and the SN1 segment has been used at the pack level, then SN103, at the item level, should contain code EA (Each).

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
	SN101	350	Assigned Identification	O AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set	
M	SN102	382	Number of Units Shipped	M R0 1/10
			Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set	
M	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	
			The unit or basis for measurement code is used to qualify the contents of various data elements. It will vary depending on the data element it qualifies and the convention within industry groups.	
			PK	Package
X	SN104	646	Quantity Shipped to Date	O R0 1/15
X	SN105	330	Quantity Ordered	X R0 1/15
X	SN106	355	Unit or Basis for Measurement Code	X ID 2/2
			Refer to 004010UCS Data Element Dictionary for acceptable code values.	
X	SN107	728	Returnable Container Load Make-Up Code	O ID 1/2
			Refer to 004010UCS Data Element Dictionary for acceptable code values.	
X	SN108	668	Line Item Status Code	O ID 2/2
			Refer to 004010UCS Data Element Dictionary for acceptable code values.	

Segment:	PID Product/Item Description
Position:	070
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional
Max Use:	200
Purpose:	To describe a product or process in coded or free-form format
Syntax Notes:	<ol style="list-style-type: none"> 1 If PID04 is present, then PID03 is required. 2 At least one of PID04 or PID05 is required. 3 If PID07 is present, then PID03 is required. 4 If PID08 is present, then PID04 is required. 5 If PID09 is present, then PID05 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 Use PID03 to indicate the organization that publishes the code list being referred to. 2 PID04 should be used for industry-specific product description codes. 3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate. 4 PID09 is used to identify the language being used in PID05.
Comments:	<ol style="list-style-type: none"> 1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used. 2 Use PID06 when necessary to refer to the product surface or layer being described in the segment. 3 PID07 specifies the individual code list of the agency specified in PID03.
Notes:	The PID segment is used to provide product/item descriptions in text format.

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	PID01	349 Item Description Type Code indicating the format of a description F Free-form	M ID 1/1
X	PID02	750 Product/Process Characteristic Code Refer to 004010UCS Data Element Dictionary for acceptable code values.	O ID 2/3
X	PID03	559 Agency Qualifier Code Refer to 004010UCS Data Element Dictionary for acceptable code values.	X ID 2/2
X	PID04	751 Product Description Code	X AN 1/12
	PID05	352 Description A free-form description to clarify the related data elements and their content	X AN 1/80
X	PID06	752 Surface/Layer/Position Code Refer to 004010UCS Data Element Dictionary for acceptable code values.	O ID 2/2
X	PID07	822 Source Subqualifier	O AN 1/15
X	PID08	1073 Yes/No Condition or Response Code Refer to 004010UCS Data Element Dictionary for acceptable code values.	O ID 1/1
X	PID09	819 Language Code	O ID 2/3

Segment: **CTT** Transaction Totals
Position: 010
Loop:
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set
Syntax Notes: 1 If either CTT03 or CTT04 is present, then the other is required.
 2 If either CTT05 or CTT06 is present, then the other is required.
Semantic Notes:
Comments: 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	CTT01	354	Number of Line Items Total number of line items in the transaction set CTT01 contains the number of HL segments present in the transaction;set.	M N0 1/6
X	CTT02	347	Hash Total	O R0 1/10
X	CTT03	81	Weight	X R2 1/10
X	CTT04	355	Unit or Basis for Measurement Code Refer to 004010UCS Data Element Dictionary for acceptable code values.	X ID 2/2
X	CTT05	183	Volume	X R3 1/8
X	CTT06	355	Unit or Basis for Measurement Code Refer to 004010UCS Data Element Dictionary for acceptable code values.	X ID 2/2
X	CTT07	352	Description	O AN 1/80

Segment: **SE** Transaction Set Trailer
Position: 020
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

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	SE01	96	Number of Included Segments	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
			When used in the SE segment, the count includes the total number of segments in the transaction including the ST and SE segments.	
M	SE02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			The transaction set control number (SE02) is the same as that used in the corresponding header (ST02).	