856 GlaxoSmithKline Advance Ship Notice

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:

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

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - HL			200000	
Must Use	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		
			LOOP ID - N1			200	
	220	N1	Name	O	1		
	250	N4	Geographic Location	O	1		
Must Use	010	HL	Hierarchical Level	M	1		c1
	050	PRF	Purchase Order Reference	O	1		
Must Use	010	HL	Hierarchical Level	M	1		c1
	020	LIN	Item Identification	O	1		
	030	SN1	Item Detail (Shipment)	O	1		
	060	PO4	Item Physical Details	O	1		
	070	PID	Product/Item Description	O	200		
	200	DTM	Date/Time Reference	O	10		

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
	010	CTT	Transaction Totals	O	1		n1
Must Use	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

	Ref. Des.	Data Element	Name	Attributes
>>	**ST01**	**143**	**Transaction Set Identifier Code** Code uniquely identifying a Transaction Set Refer to 004010 Data Element Dictionary for acceptable code values.	**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**

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

	Ref. Des.	Data Element	Name	Attributes
>>	**BSN01**	**353**	**Transaction Set Purpose Code** Code identifying purpose of transaction set Use '00' Refer to 004010 Data Element Dictionary for acceptable code values.	**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: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	**M TM 4/8**
	BSN05	**1005**	**Hierarchical Structure Code** Code indicating the hierarchical application structure of a transaction set that utilizes the HL segment to define the structure of the transaction set Use '0001' Refer to 004010 Data Element Dictionary for acceptable code values.	**O ID 4/4**
	BSN06	**640**	**Transaction Type Code** Code specifying the type of transaction Use 'AS' Refer to 004010 Data Element Dictionary for acceptable code values.	**X ID 2/2**

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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	**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**
>>	**HL03**	**735**	**Hierarchical Level Code** Code defining the characteristic of a level in a hierarchical structure Use 'S' for Shipment Refer to 004010 Data Element Dictionary for acceptable code values.	**M ID 1/2**
	HL04	**736**	**Hierarchical Child Code** Code indicating if there are hierarchical child data segments subordinate to the level being described Use '1' for Additional Subordinate Use '0' for No Additional Subordiate Refer to 004010 Data Element Dictionary for acceptable code values.	**O ID 1/1**

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:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
X	**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 Refer to 004010 Data Element Dictionary for acceptable code values.	**O AN 3/5**
	TD102	**80**	**Lading Quantity** Number of units (pieces) of the lading commodity Use Total Shipped Quantity	**X N0 1/7**
X	**TD103**	**23**	**Commodity Code Qualifier** Code identifying the commodity coding system used for Commodity Code Refer to 004010 Data Element Dictionary for acceptable code values.	**O ID 1/1**
X	**TD104**	**22**	**Commodity Code** Code describing a commodity or group of commodities	**X AN 1/30**
X	**TD105**	**79**	**Lading Description** Description of an item as required for rating and billing purposes	**O AN 1/50**
	TD106	**187**	**Weight Qualifier** Code defining the type of weight Use 'G' for Gross Weight Refer to 004010 Data Element Dictionary for acceptable code values.	**O ID 1/2**
	TD107	**81**	**Weight** Numeric value of weight Use Total Shipment Weight	**X R 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 Use 'LB' for Pound Refer to 004010 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.

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 Element	Name	Attributes
X	**TD501**	**133**	**Routing Sequence Code** Code describing the relationship of a carrier to a specific shipment movement Refer to 004010 Data Element Dictionary for acceptable code values.	**O ID 1/2**
	TD502	**66**	**Identification Code Qualifier** Code designating the system/method of code structure used for Identification Code (67) Refer to 004010 Data Element Dictionary for acceptable code values.	**X ID 1/2**
	TD503	**67**	**Identification Code** Code identifying a party or other code	**X AN 2/80**
	TD504	**91**	**Transportation Method/Type Code** Code specifying the method or type of transportation for the shipment Refer to 004010 Data Element Dictionary for acceptable code values.	**X ID 1/2**
X	**TD505**	**387**	**Routing** Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	**X AN 1/35**
	TD506	**368**	**Shipment/Order Status Code** 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 Refer to 004010 Data Element Dictionary for acceptable code values. The numeric amount of transit time	**X 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: **1** REF04 contains data relating to the value cited in REF02.
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	**REF01**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification Use 'BM' for Bill of Lading Number Use 'VR' for Vendor ID Number Use 'CN' for Carrier Reference Number Refer to 004010 Data Element Dictionary for acceptable code values.	**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	**X AN 1/30**

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.

Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	**DTM01**	**374**	**Date/Time Qualifier** Code specifying type of date or time, or both date and time Use '011' for Shipment Date Use '017' for Arrival Date Refer to 004010 Data Element Dictionary for acceptable code values.	**M ID 3/3**
	DTM02	**373**	**Date** Date expressed as CCYYMMDD	**X DT 8/8**

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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	**N101**	**98**	**Entity Identifier Code** Code identifying an organizational entity, a physical location, property or an individual Use 'ST' for Ship-To Number Refer to 004010 Data Element Dictionary for acceptable code values.	**M ID 2/3**
	N102	**93**	**Name** Free-form name Use Ship-To Name	**X AN 1/60**
	N103	**66**	**Identification Code Qualifier** Code designating the system/method of code structure used for Identification Code (67) Use '11' for DEA Number Refer to 004010 Data Element Dictionary for acceptable code values.	**X ID 1/2**
	N104	**67**	**Identification Code** Code identifying a party or other code Use DEA Number	**X AN 2/80**

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

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

	Ref. Des.	Data Element	Name	Attributes
X	**N401**	**19**	**City Name** Free-form text for city name	**O AN 2/30**
X	**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) Use Ship From Zipcode	**O ID 3/15**

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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	**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**
>>	**HL03**	**735**	**Hierarchical Level Code** Code defining the characteristic of a level in a hierarchical structure Use ‘O' for Order Refer to 004010 Data Element Dictionary for acceptable code values.	**M ID 1/2**
	HL04	**736**	**Hierarchical Child Code** Code indicating if there are hierarchical child data segments subordinate to the level being described Use '1' for Additional Subordinate Use '0' for No Additional Subordiate Refer to 004010 Data Element Dictionary for acceptable code values.	**O ID 1/1**

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

	Ref. Des.	Data Element	Name	Attributes
>>	**PRF01**	**324**	**Purchase Order Number** Identifying number for Purchase Order assigned by the orderer/purchaser	**M AN 1/22**
X	**PRF02**	**328**	**Release Number** Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction	**O AN 1/30**
X	**PRF03**	**327**	**Change Order Sequence Number** Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set	**O AN 1/8**
	PRF04	**373**	**Date** Use Purchase Order Date Date expressed as CCYYMMDD	**O DT 8/8**
	PRF05	**350**	**Assigned Identification** Alphanumeric characters assigned for differentiation within a transaction set Use Invoice Number	**O AN 1/20**

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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	**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**
>>	**HL03**	**735**	**Hierarchical Level Code** Code defining the characteristic of a level in a hierarchical structure Use 'I' for Item Refer to 004010 Data Element Dictionary for acceptable code values.	**M ID 1/2**
	HL04	**736**	**Hierarchical Child Code** Code indicating if there are hierarchical child data segments subordinate to the level being described Use '1' for Additional Subordinate Use '0' for No Additional Subordiate Refer to 004010 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: **1** If either LIN04 or LIN05 is present, then the other is required.

Semantic Notes: **1** LIN01 is the line item identification
Comments: **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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
X	**LIN01**	**350**	**Assigned Identification** Alphanumeric characters assigned for differentiation within a transaction set	**O AN 1/20**
>>	**LIN02**	**235**	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234) Use 'ND' for NDC Number Refer to 004010 Data Element Dictionary for acceptable code values.	**M ID 2/2**
>>	**LIN03**	**234**	**Product/Service ID** Identifying number for a product or service Use NDC Number	**M AN 1/48**
	LIN04	**235**	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234) Use 'LT' for Lot Number Refer to 004010 Data Element Dictionary for acceptable code values.	**X ID 2/2**
	LIN05	**234**	**Product/Service ID** Identifying number for a product or service Use Lot Number Refer to 004010 Data Element Dictionary for acceptable code values.	**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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
X	**SN101**	**350**	**Assigned Identification** Alphanumeric characters assigned for differentiation within a transaction set	**O AN 1/20**
>>	**SN102**	**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**
>>	**SN103**	**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 Use 'EA' for Eaches Refer to 004010 Data Element Dictionary for acceptable code values.	**M ID 2/2**
	SN104	**646**	**Quantity Shipped to Date** Number of units shipped to date	**O R 1/15**
	SN105	**330**	**Quantity Ordered** Quantity ordered	**X R 1/15**
	SN106	**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 Use 'EA' for Eaches Refer to 004010 Data Element Dictionary for acceptable code values.	**X ID 2/2**

Segment: **PO4** **Item Physical Details**
Position: 060
Loop: HL Mandatory
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the physical qualities, packaging, weights, and dimensions relating to the item
Syntax Notes:
1 If either PO402 or PO403 is present, then the other is required.
2 If PO405 is present, then PO406 is required.
3 If either PO406 or PO407 is present, then the other is required.

Comments:
1 PO403 - The "Unit or Basis for Measure Code" in this segment position is for purposes of defining the pack (PO401) /size (PO402) measure which indicates the quantity in the inner pack unit. For example: If the carton contains 24 12-Ounce packages, it would be described as follows: Data element 356 = "24"; Data element 357 = "12"; Data element 355 = "OZ".

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
	PO401	**356**	**Pack**	**O**	**N0 1/6**
			The number of inner containers, or number of eaches if there are no inner containers, per outer container		
			Use Case Quantity		
	PO402	**357**	**Size**	**X**	**R 1/8**
			Size of supplier units in pack		
			Use Packed Quantity		
	PO403	**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		
			Use 'EA' for Eaches		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**PO404**	**103**	**Packaging Code**	**X**	**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.		
	PO405	**187**	**Weight Qualifier**	**O**	**ID 1/2**
			Code defining the type of weight		
			Use 'G' for Gross Weight		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	PO406	**384**	**Gross Weight per Pack**	**X**	**R 1/9**
			Numeric value of gross weight per pack		
	PO407	**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		
			Use 'LB' for Pound		
			Refer to 004010 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: **1** If PID04 is present, then PID03 is required.
2 At least one of PID04 or PID05 is required.

Semantic Notes: **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.

Comments: **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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	**PID01**	**349**	**Item Description Type** Code indicating the format of a description Use 'F' for Free-Form Description Refer to 004010 Data Element Dictionary for acceptable code values.	**M ID 1/1**
X	**PID02**	**750**	**Product/Process Characteristic Code** Code identifying the general class of a product or process characteristic Refer to 004010 Data Element Dictionary for acceptable code values.	**O ID 2/3**
X	**PID03**	**559**	**Agency Qualifier Code** Code identifying the agency assigning the code values Refer to 004010 Data Element Dictionary for acceptable code values.	**X ID 2/2**
X	**PID04**	**751**	**Product Description Code** A code from an industry code list which provides specific data about a product characteristic	**X AN 1/12**
	PID05	**352**	**Description** A free-form description to clarify the related data elements and their content	**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.
.
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	**DTM01**	**374**	**Date/Time Qualifier** Code specifying type of date or time, or both date and time Use '036' for Lot Expiration Date Refer to 004010 Data Element Dictionary for acceptable code values.	**M ID 3/3**
	DTM02	**373**	**Date** Date expressed as CCYYMMDD	**X DT 8/8**

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

Semantic Notes:
Comments: **1** This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

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

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

	Ref. Des.	Data Element	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**