



Walgreens Advance Ship Notice (DSD) 856

X12 - 4010



856 – Advance Ship Notice/Manifest

The 856 Transaction Set is used to help expedite the receipt of supplier goods at both Walgreens distribution centers and Walgreens stores. It is also being used to update shipped quantities for Walgreen purchasing agents and store personnel.

Walgreen's benefits include:

- advanced notification of shipments from suppliers
- increased efficiencies and ease in the receipt of supplier goods at both the DC locations as well as at the stores
- notification from vendors on what goods are being shipped, subbed, or deleted, and in what quantities
- increased planning capabilities for Category Managers

Vendor benefits include:

- increased efficiencies and ease in the receipt of supplier goods at both the DC locations as well as at the stores
- better order placement from Walgreens purchasing agents
- faster product movement from DC to store

The 856 is an incoming document to Walgreens. The information contained on the 856 should include product information, the shipped quantities of those items, reference numbers and the date of delivery. The ASN flows through the EDI translator and goes through the edit, split, and mapping process as it is creating both backup files and production level files, as well as reports for daily and periodic review. Once the data completes the EDI portion of its processing it is routed to several different systems for various processing and use.

- PO&T system for order updates on shipped quantities. The Walgreen Category Managers use that information to better plan their promotions and future purchases
- Walgreens distribution center systems for space and item procurement planning
- store AS/400 systems for shipped quantity updates and for quicker, easier receiving

856**Ship Notice/Manifest****Functional Group=SH**

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.

Segments:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
	ISA	Interchange Control Header	M	1			Used
	GS	Functional Group Header	M	1			Used

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	ST	Transaction Set Header	M	1			Must use
020	BSN	Beginning Segment for Ship Notice	M	1			Must use

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
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<u>LOOP ID - HL</u>					<u>1</u>		
010	HL	Hierarchical Level - Shipment	M	1		C2/010	Must use
150	REF	Reference Identification - Vendor Number	M	1			Must use
200	DTM	Date/Time Reference - Ship Date	M	1			Must use
200	DTM	Date/Time Reference - Delivery Date	O	1			Used

<u>LOOP ID - N1</u>					<u>1</u>		
220	N1	Name - Ship To	M	1			Must use

<u>LOOP ID - HL</u>					<u>1</u>		
360	HL	Hierarchical Level - Order	M	1			Must use
365	PRF	Purchase Order Reference	M	1			Must use

<u>LOOP ID - HL</u>					<u>100</u>		
380	HL	Hierarchical Level - Tare	O	1			Used
390	MAN	Marks and Numbers	O	1			Used

<u>LOOP ID - HL</u>					<u>200</u>		
400	HL	Hierarchical Level - Pack	O	1			Used
410	MAN	Marks and Numbers	O	1			Used

<u>LOOP ID - HL</u>					<u>100</u>		
420	HL	Hierarchical Level - Item	M	1			Must use
430	LIN	Item Identification	M	1			Must use
440	SN1	Item Detail (Shipment)	M	1			Must use

460 PID Product/Item Description M 1

Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	CTT	Transaction Totals	M	1		N3/010	Must use
020	SE	Transaction Set Trailer	M	1			Must use

Segments:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
	GE	Functional Group Trailer	M	1			Used
	IEA	Interchange Control Trailer	M	1			Used

Notes:

3/010 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.

Comments:

2/010 The HL segment is the only mandatory segment within the HL loop, and by itself, the HL segment has no meaning.

User Note 1:

WALGREENS CONTACTS:

*EDI Services Staff (847 272-9896 x250
edi.support@walgreens.com*

EDI IDs TO BE USED FOR TESTING:

*Walgreens qualifier to be used in the ISA for testing is 'ZZ'.
Walgreens ID to be used in both the ISA and GS for testing is '008965063T'.*

ST Transaction Set Header

Pos: 010	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

To indicate the start of a transaction set and to assign a control number

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ST01	143	Transaction Set Identifier Code Description: Code uniquely identifying a Transaction Set <u>Code Name</u> 856 X12.10 Ship Notice/Manifest	M	ID	3/3	Must use
ST02	329	Transaction Set Control Number Description: 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	Must use

Semantics:

- The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

BSN Beginning Segment for Ship Notice

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 6

To transmit identifying numbers, dates, and other basic data relating to the transaction set

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BSN01	353	Transaction Set Purpose Code Description: Code identifying purpose of transaction set <u>Code Name</u> 00 Original	M	ID	2/2	Must use
BSN02	396	Shipment Identification Description: A unique control number assigned by the original shipper to identify a specific shipment	M	AN	2/30	Must use
BSN03	373	Shipment Notice Date Description: Date expressed as CCYYMMDD.	M	DT	8/8	Must use
BSN04	337	Shipment Notice Time Description: 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	Must use
BSN05	1005	Hierarchical Structure Code Description: Code indicating the hierarchical application structure of a transaction set that utilizes the HL segment to define the structure of the transaction set. <u>Code Name</u> 0001 Shipment, Order, Packaging, Item	M	ID	4/4	Must use
BSN06	640	Transaction Type Code Description: Code specifying the type of transaction. <u>Code Name</u> AS Shipment Advice Description: Notification by an inventory management organization providing current shipping advice relating to the outstanding requisition or order	C	ID	2/2	Used

Semantics:

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.

User Note 1:

Only one Walgreens Purchase Order number will be accepted on each Ship Notice.

HL Hierarchical Level - Shipment

Pos: 010	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 3

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
HL01	628	Hierarchical ID Number Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure User Note 1: Value= "1"	M	AN	1/1	Must use
HL03	735	Hierarchical Level Code Description: Code defining the characteristic of a level in a hierarchical structure <u>Code Name</u> S Shipment	M	ID	1/1	Must use
HL04	736	Hierarchical Child Code Description: Code indicating whether if there are hierarchical child data segments subordinate to the level being described. <u>Code Name</u> 1 Additional Subordinate HL Data Segment in This Hierarchical Structure.	M	ID	1/1	Must use

Comments:

- 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.
- 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.
- 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.
- HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

REF Reference Identification - Vendor Number

Pos: 150	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 3

To identify a person or office to whom administrative communications should be directed

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	Reference Number Qualifier Description: Code qualifying the Reference Number. <u>Code Name</u> VR Vendor ID Number	M	ID	2/2	Must use
REF02	127	Walgreens Marketing Vendor Number Description: Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. User Note 1: Walgreens 6 positions Marketing Vendor Number.	M	AN	6/6	Must use
REF03	352	Vendor Name Description: A free-form description to clarify the related data elements and their content.	C	AN	1/50	Used

Syntax:

R0203 -- At least one of REF02 or REF03 is required.

DTM Date/Time Reference - Ship Date

Pos: 200	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 3

To specify pertinent dates and times

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM01	374	Date/Time Qualifier Description: Code specifying type of date or time, or both date and time <u>Code Name</u> 011 Shipped	M	ID	3/3	Must use
DTM02	373	Shipped Date Description: Date expressed as CCYYMMDD.	M	DT	8/8	Must use
DTM03	337	Time Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, where H = hours (00-23), M = minutes (00-59) and S = integer seconds (00-59).	C	TM	4/6	Used

Syntax:

R020306 -- At least one of DTM02, DTM03 or DTM06 is required.

DTM Date/Time Reference - Delivery Date

Pos: 200	Max: 1
Detail - Optional	
Loop: HL	Elements: 3

To specify pertinent dates and times

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM01	374	Date/Time Qualifier Description: Code specifying type of date or time, or both date and time. <u>Code Name</u> 067 Current Schedule Delivery	M	ID	3/3	Must use
DTM02	373	Delivery Date Description: Date expressed as CCYYMMDD.	M	DT	8/8	Must use
DTM03	337	Time Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, where H = hours (00-23), M = minutes (00-59) and S = integer seconds (00-59).	C	TM	4/6	Used

Syntax:

R020306 -- At least one of DTM02, DTM03 or DTM06 is required.

N1**Name - Ship To**

Pos: 220	Max: 1
Detail - Mandatory	
Loop: N1	Elements: 3

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	Entity Identifier Code Description: Code identifying an organizational entity, a physical location, or an individual <u>Code Name</u> ST Ship To	M	ID	2/2	Must use
N103	66	Identification Code Qualifier Description: Code designating the system/method of code structure used for Identification Code (67) <u>Code Name</u> 92 Assigned by Buyer or Buyer's Agent	M	ID	2/2	Must use
N104	67	Walgreens Store Number Description: Code identifying a party or other code User Note 1: <i>Walgreens 5 position store number.</i>	M	AN	5/5	Must use

Syntax:

R0203 -- At least one of N102 or N103 is required.

P0304 -- If either N103 or N104 are present, then the others are required.

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.

HL Hierarchical Level - Order

Pos: 360	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 4

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
HL01	628	Hierarchical ID Number Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure. User Note 1: <i>Increment by 1 for each HL in the Shipment.</i>	M	AN	1/12	Must use
HL02	734	Hierarchical Parent ID Number Description: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to. User Note 1: <i>Order is subordinate to the Shipment.</i>	M	AN	1/1	Must use
HL03	735	Hierarchical Level Code Description: Code defining the characteristic of a level in a hierarchical structure. <u>Code Name</u> O Order	M	ID	1/1	Must use
HL04	736	Hierarchical Child Code Description: Code indicating whether if there are hierarchical child data segments subordinate to the level being described.. <u>Code Name</u> 1 Additional Subordinate HL Data Segment in This Hierarchical Structure.	M	ID	1/1	Must use

Comments:

- 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.
- 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.
- HL02 identifies the Hierarchical ID Number of the HL segment to which the current HL segment is subordinate.
- 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.
- HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

PRF Purchase Order Reference

Pos: 365	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 2

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PRF01	324	Purchase Order Number Description: Identifying number for Purchase Order assigned by the orderer/purchaser. User Note 1: <i>Walgreens 6 position Store PO Number or user assigned PO number.</i>	M	AN	1/22	Must use
PRF04	373	Purchase Order Date Description: Date expressed as CCYYMMDD.	M	DT	8/8	Must use

User Note 1:

Only one Walgreens Purchase Order number will be accepted on each Ship Notice.

HL Hierarchical Level - Tare

Pos: 380	Max: 1
Detail - Optional	
Loop: HL	Elements: 4

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
HL01	628	Hierarchical ID Number Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure. User Note 1: <i>Increment by 1 for each HL in the Shipment.</i>	M	AN	1/12	Must use
HL02	734	Hierarchical Number to Parent Description: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to. User Note 1: <i>Tare is subordinate to the Order.</i>	M	AN	1/12	Must use
HL03	735	Hierarchical Level Code Description: Code defining the characteristic of a level in a hierarchical structure. <u>Code Name</u> T Shipping Tare	M	ID	1/1	Must use
HL04	736	Hierarchical Child Code Description: Code indicating whether if there are hierarchical child data segments subordinate to the level being described.. <u>Code Name</u> 1 Additional Subordinate HL Data Segment in This Hierarchical Structure.	M	ID	1/1	Must use

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.
2. The HL segment defines a top-down/left-right ordered structure.
3. 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.
4. HL02 identifies the Hierarchical ID Number of the HL segment to which the current HL segment is subordinate.
5. 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.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

User Note 1:

Required by Walgreens if marking data is sent at Tare level. Multiple tare records are allowed for each PO.

MAN Marks and Numbers

Pos: 390	Max: 1
Detail - Optional	
Loop: HL	Elements: 2

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MAN01	88	Marks and Numbers Qualifier Description: Code specifying the application or source of Marks and Numbers (87). <u>Code Name</u> GM UCC/EAN-128 Serial Shipping Container Code Format	M	ID	2/2	Must use
MAN02	87	Marks and Numbers Description: Marks and numbers used to identify a shipment or parts of a shipment.	M	AN	1/20	Must use

User Note 1:

Required by Walgreens if marking data is sent at Tare level. Walgreens allows only one marking value per segment.

HL Hierarchical Level - Pack

Pos: 400	Max: 1
Detail - Optional	
Loop: HL	Elements: 4

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
HL01	628	Hierarchical ID Number Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure. User Note 1: <i>Increment by 1 for each HL in the Shipment.</i>	M	AN	1/12	Must use
HL02	734	Hierarchical Parent ID Number Description: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to. User Note 1: <i>Pack is subordinate to the Order or to the Tare.</i>	M	AN	1/12	Must use
HL03	735	Hierarchical Level Code Description: Code defining the characteristic of a level in a hierarchical structure. <u>Code Name</u> P Pack	M	ID	1/1	Must use
HL04	736	Hierarchical Child Code Description: Code indicating whether if there are hierarchical child data segments subordinate to the level being described. <u>Code Name</u> 1 Additional Subordinate HL Data Segment in This Hierarchical Structure.	M	ID	1/1	Must use

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.
2. The HL segment defines a top-down/left-right ordered structure.
3. 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.
4. HL02 identifies the Hierarchical ID Number of the HL segment to which the current HL segment is subordinate.
5. 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.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

User Note 1:

Required by Walgreens if marking data is sent at Pack level.

MAN Marks and Numbers

Pos: 410	Max: 1
Detail - Optional	
Loop: HL	Elements: 2

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MAN01	88	Marks and Numbers Qualifier Description: Code specifying the application or source of Marks and Numbers (87). <u>Code Name</u> GM UCC/EAN-128 Serial Shipping Container Code Format	M	ID	2/2	Must use
MAN02	87	Marks and Numbers Description: Marks and numbers used to identify a shipment or parts of a shipment.	M	AN	1/20	Must use

User Note 1:

Required by Walgreens if marking data is sent at Pack level. Walgreens allows only one marking value per segment.

HL Hierarchical Level - Item

Pos: 420	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 4

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
HL01	628	Hierarchical ID Number Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure. User Note 1: <i>Increment by 1 for each HL in the Shipment.</i>	M	AN	1/12	Must use
HL02	734	Hierarchical Parent ID Number Description: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to. User Note 1: <i>Item is subordinate to the Tare or to the Pack.</i>	M	AN	1/12	Must use
HL03	735	Hierarchical Level Code Description: Code defining the characteristic of a level in a hierarchical structure. <u>Code Name</u> I Item	M	ID	1/1	Must use
HL04	736	Hierarchical Child Code Description: Code indicating whether if there are hierarchical child data segments subordinate to the level being described. <u>Code Name</u> 0 No Subordinate HL Segment in This Hierarchical Structure.	O	ID	1/1	Used

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.
2. The HL segment defines a top-down/left-right ordered structure.
3. 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.
4. HL02 identifies the Hierarchical ID Number of the HL segment to which the current HL segment is subordinate.
5. 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.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

LIN Item Identification

Pos: 430	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 11

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LIN01	350	PO Line # Description: Alphanumeric characters assigned for differentiation within a transaction set.	M	AN	1/3	Must use
LIN02	235	Primary Item Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234). User Note 1: <i>The primary Item identifier must be sent in this position.</i>	M	ID	2/2	Must use
		<u>Code Name</u> EN European Article Number (EAN) (2-5-5-1) ND National Drug Code (NDC) UI U.P.C. Consumer Package Code (1-5-5) UP U.P.C. Consumer Package Code (1-5-5-1)				
LIN03	234	Primary Item ID Description: Identifying number for a product or service.	M	AN	11/14	Must use
LIN04	235	Supplemental Qualifier 1 Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234).	C	ID	2/2	Used
		<u>Code Name</u> EN European Article Number (EAN) (2-5-5-1) ND National Drug Code (NDC) UI U.P.C. Consumer Package Code (1-5-5) UP U.P.C. Consumer Package Code (1-5-5-1)				
LIN05	234	Supplemental ID 1 Description: Identifying number for a product or service.	C	AN	11/14	Used
LIN06	235	Supplemental Qualifier 2 Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234).	C	ID	2/2	Used
		<u>Code Name</u> EN European Article Number (EAN) (2-5-5-1) ND National Drug Code (NDC) UI U.P.C. Consumer Package Code (1-5-5) UP U.P.C. Consumer Package Code (1-5-5-1)				
LIN07	234	Supplemental ID 2 Description: Identifying number for a product or service.	C	AN	11/14	Used
LIN08	235	Supplemental Qualifier 3 Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234).	C	ID	2/2	Used
		<u>Code Name</u> EN European Article Number (EAN) (2-5-5-1) ND National Drug Code (NDC) UI U.P.C. Consumer Package Code (1-5-5) UP U.P.C. Consumer Package Code (1-5-5-1)				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LIN09	234	Supplemental ID 3 Description: Identifying number for a product or service.	C	AN	11/14	Used
LIN10	235	Supplemental Qualifier 4 Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234). <u>Code Name</u> EN European Article Number (EAN) (2-5-5-1) ND National Drug Code (NDC) UI U.P.C. Consumer Package Code (1-5-5) UP U.P.C. Consumer Package Code (1-5-5-1)	C	ID	2/2	Used
LIN11	234	Supplemental ID 4 Description: Identifying number for a product or service.	C	AN	11/14	Used

Syntax:

P0405 -- If either LIN04 or LIN05 are present, then the others are required.
P0607 -- If either LIN06 or LIN07 are present, then the others are required.
P0809 -- If either LIN08 or LIN09 are present, then the others are required.
P1011 -- If either LIN10 or LIN11 are present, then the others are required.

User Note 1:

The user must send the PO line # in either LIN01 or SN101.

SN1 Item Detail (Shipment)

Pos: 440	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 7

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SN101	350	PO Line # Description: Alphanumeric characters assigned for differentiation within a transaction set. User Note 1: <i>PO Line number.</i>	O	AN	1/3	Used
SN102	382	Number of Units Shipped Description: Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set. User Note 1: <i>2 decimal positions will be accepted.</i>	M	R	1/10	Must use
SN103	355	Unit of Measure Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <u>Code Name</u> CA Case EA Each	M	ID	2/2	Must use
SN104	646	Quantity Shipped to Date Description: Number of units shipped to date.	O	R	1/15	Used
SN105	330	Quantity Ordered Description: Quantity ordered.	C	R	1/11	Used
SN106	355	Unit of Measure Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <u>Code Name</u> CA Case EA Each	C	ID	2/2	Used
SN108	668	Line Item Status Code Description: Code specifying the action taken by the seller on a line item requested by the buyer.. <u>Code Name</u> AC Item Accepted and Shipped BP Item Accepted - Partial Shipment, Balance Backordered ID Item Deleted IS Item Accepted - Substitution Made	M	ID	2/2	Must use

Syntax:

P0506 -- If either SN105 or SN106 are present, then the others are required.

Comments:

1. SN103 defines the unit of measurement for both SN102 and SN104.

User Note 1:

The user must send PO Line Number in either LIN01 or SN101.

PID Product/Item Description

Pos: 460	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 2

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PID01	349	Item Description Type Description: Code indicating the format of a description. <u>Code Name</u> F Free-form	M	ID	1/1	Must use
PID05	352	Description Description: A free-form description to clarify the related data elements and their content..	M	AN	1/50	Must use

Syntax:

R0405 -- At least one of PID04 or PID05 is required.

Comments:

1. If PID01 = ``F", then PID05 is used.

CTT Transaction Totals

Pos: 010	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

To transmit a hash total for a specific element in the transaction set

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTT01	354	Number of Line Items Description: Total number of HL segments in the transaction set.	M	N0	1/6	Must use
CTT02	347	Hash Total Description: 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 beinghashed..18 Second occurrence of value beinghashed.1.8 Third occurrence of value beinghashed.18.01 Fourth occurrence of value beinghashed.-----1855 Hash total prior to truncation.855 Hash total after truncation to three-digit field.	O	R	1/10	Used

Comments:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

SE Transaction Set Trailer

Pos: 020	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	Number of Included Segments Description: Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Must use
SE02	329	Transaction Set Control Number Description: 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	Must use

Comments:

- SE is the last segment of each transaction set.