



Walgreens

856 Ship Notice/Manifest

Version 4010

856 Ship Notice/Manifest

Functional Group = SH

Header

USER REQ	REQ DES.	MAX USE	POS NO.	SEGMENT ID	SEGMENT NAME
M	M	1	010	ST	Transaction Set Header
M	M	1	020	BSN	Beginning Segment for Ship Notice

Detail

USER REQ	REQ DES.	MAX USE	POS NO.	SEGMENT ID	SEGMENT NAME
				LOOP HL (Hierarchical	Max: 200000 Required
M	M	1	010	HL	Hierarchical Level
O	O	1	110	TD1	Carrier Details (Quantity and Weight)
M	O	1	120	TD5	Carrier Details (Routing Sequence/Transit Time)
M	O	>1	150	REF	Reference Identification
M	O	1	200	DTM	Date/Time Reference
				LOOP HL (Hierarchical	Max: 200000 Required
M	M	1	010	HL	Hierarchical Level
M	O	1	050	PRF	Purchase Order Reference
				LOOP HL (Hierarchical	Max: 200000 Required
M	M	1	010	HL	Hierarchical Level
M	O	1	020	LIN	Item Identification
M	O	1	030	SN1	Item Detail (Shipment)
				LOOP HL (Hierarchical	Max: 200000 Required
M	M	1	010	HL	Hierarchical Level
O	O	>1	190	MAN	Marks and Numbers

Summary

USER REQ	REQ DES.	MAX USE	POS NO.	SEGMENT ID	SEGMENT NAME
M	M	1	020	SE	Transaction Set Trailer

ST**ST Transaction Set Header****Position:** 010**Loop:****Level:** Header**User Req:** Required**Max Use:** 1**Notes:** Example: ST*856*0001

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 856 Ship Notice/Manifest	ID	3/3
M	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	AN	4/9

BSN Beginning Segment for Ship Notice

Position: 020**Loop:****Level:** Header**User Req:** Required**Max Use:** 1**Notes:** Example: BSN*00*SH_123*YYYYMMDD*1200*0002

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	BSN01	353	Transaction Set Purpose Code Code identifying purpose of transaction set 00 Original	ID	2/2
M	M	BSN02	396	Shipment Identification A unique control number assigned by the original shipper to identify a specific shipment	AN	2/30
M	M	BSN03	373	Date Date expressed as CCYYMMDD This element contains the transaction date as assigned by the party sending the message.	DT	8/8
M	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)	TM	4/8
O	O	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 Please note, this guide supports both Standard Carton (Shipment,Order, Item, Pack) and Pick-Pack (Shipment, Order, Pack, Item,) HL structures. Due to this, you will find 2 sets of HL-Item and HL-Pack segment groupings. Depending on which structure you choose to implement, one set of these segment groups will be unused in your EDI mappings. The most common, and recommended structure is Standard Carton. This allows the flexibility to report shipments in the common one package per item structure as well as situation where an item is shipped in more than a single box. In this case, your BSN-05 would be equal to '0002' and you would then only report the Item and Pack HL loops in that order. 0001 Shipment, Order, Packaging, Item	ID	4/4

0002

Shipment, Order, Item, Packaging

HL**HL Hierarchical Level****Position:** 010**Loop:** HL (Hierarchical Level - Shipment)**Level:** Detail**User Req:** Required**Max Use:** 1**Notes:** Example: HL*1**S

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	HL01	628	Hierarchical ID Number A unique number assigned by the sender to identify a particular data segment in a hierarchical structure 1 Top Level of hierarchy	AN	1/12
M	M	HL03	735	Hierarchical Level Code Code defining the characteristic of a level in a hierarchical structure S Shipment	ID	1/2

TD1
TD1 Carrier Details (Quantity and Weight)
Position: 110

Loop: HL (Hierarchical Level - Shipment)

Level: Detail

User Req: Optional

Max Use: 1

Notes: EXAMPLE: TD1*****A3*25*01

If you have the ability to report the weight of the shipment in the confirmation, the Merchant requests that you do. If not, the omission of this segment will not cause a failure of the message. This segment is required to be provided when any part of an order is being shipped. If you are only reporting cancellations this segment is not required to be provided.

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
O	O	TD106	187	Weight Qualifier	ID	1/2
				Code defining the type of weight		
				A3 Shippers Weight		
X	O	TD107	81	Weight	R	1/10
				Numeric value of weight		
X	O	TD108	355	Unit or Basis for Measurement Code	ID	2/2
				Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
				01 Actual Pounds		

TD5

TD5 Carrier Details (Routing Sequence/Transit Time)

Position: 120

Loop: HL (Hierarchical Level - Shipment)

Level: Detail

User Req: Required

Max Use: 1

Notes: EXAMPLE: TD5*B****UPSN_CG

This segment is required to be provided when any part of an order is being shipped. If you are only reporting cancellations this segment is not required to be provided.

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
O	O	TD501	133	Routing Sequence Code	ID	1/2
				Code describing the relationship of a carrier to a specific shipment movement		
				B Origin/Delivery Carrier (Any Mode)		
X	O	TD505	387	Routing	AN	1/35
				This element contains a specific code that indicates both the shipper and the level of service. Contact LogicBroker for a complete list of codes. Failure to include one of the approved codes (even during the testing phase of your implementation) will result in a failure to process the message.		
				There will be cases where an 'unspecified' code will be issued to you on the purchase order. The merchant will not accept this same 'unspecified' code back in the shipment confirmation. It is expected that you will provide a code that actually represents the shipper and service level.		

REF

REF Reference Identification

Position: 150**Loop:** HL (Hierarchical Level - Shipment)**Level:** Detail**User Req:** Required**Max Use:** >1**Notes:** Example:
REF*IV*InvoiceNumber

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	REF01	128	Reference Identification Qualifier	ID	2/3
				IV Seller's Invoice Number		
M	O	REF02	127	Reference Identification	AN	1/30
				The Vendors Invoice Number should be included in REF02 when REF01 = IV		

DTM Date/Time Reference**Position:** 200**Loop:** HL (Hierarchical Level - Shipment)**Level:** Detail**User Req:** Required**Max Use:** 1**Notes:** Example: DTM*011*20191224

The DTM segment is required to be included when any part of an order is shipping. If only cancellations are included, the DTM segment may be omitted.

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	DTM01	374	Date/Time Qualifier This qualifier indicates that the DTM02 contains the date that the items were shipped.	ID	3/3
X	O	DTM02	373	Date Date expressed as CCYYMMDD This element contains the date that the items were shipped.	DT	8/8

HL Hierarchical Level

Position: 010**Loop:** HL (Hierarchical Level - Order)**Level:** Detail**User Req:** Required**Max Use:** 1**Notes:** Example: HL*2*1*O

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	HL01	628	Hierarchical ID Number A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	AN	1/12
O	O	HL02	734	Hierarchical Parent ID Number Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to	AN	1/12
M	M	HL03	735	Hierarchical Level Code Code defining the characteristic of a level in a hierarchical structure O Order	ID	1/2

PRF**PRF Purchase Order Reference****Position:** 050**Loop:** HL (Hierarchical Level - Order)**Level:** Detail**User Req:** Required**Max Use:** 1**Notes:** Example: PRF*PONUM-001

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	PRF01	324	Purchase Order Number	AN	1/22
				This element contains the purchase order number as issued by the Merchant. Failure to report a valid purchase order number will result in a failure to process the message.		

HL Hierarchical Level

Position: 010**Loop:** HL (Hierarchical Level - Item)**Level:** Detail**User Req:** Required**Max Use:** 1**Notes:** Example: HL*4*3*I

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	HL01	628	Hierarchical ID Number A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	AN	1/12
M	M	HL03	735	Hierarchical Level Code Code defining the characteristic of a level in a hierarchical structure I Item	ID	1/2

LIN Item Identification

Position: 020**Loop:** HL (Hierarchical Level - Item)**Level:** Detail**User Req:** Required**Max Use:** 1**Notes:** Example: LIN*1*VN*VN-123

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	O	LIN01	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set This element must contain the Order's Line Number.	AN	1/20
M	M	LIN02	235	Product/Service ID Qualifier This qualifier indicates that the LIN02 contains the Vendor SKU for the product.	ID	2/2
M	M	LIN03	234	VN Vendor's (Seller's) Item Number Product/Service ID This element contains the Vendor SKU for the product.	AN	1/48

SN1

SN1 Item Detail (Shipment)

Position: 030**Loop:** HL (Hierarchical Level - Item)**Level:** Detail**User Req:** Required**Max Use:** 1

Notes: Example:
 SHIPMENT: SN1**1*EA*****AC
 CANCEL: SN1**0*EA**1*EA**IR

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	SN102	382	Number of Units Shipped Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set When shipping, this element must contain the number of units shipped. When cancelling, this element must contain a zero.	R	1/10
M	M	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 EA Each	ID	2/2
X	O	SN105	330	Quantity Ordered When shipping, this element is not required to be populated. When cancelling, this element must contain the number of units being cancelled.	R	1/15
X	O	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 This value is required to be included when the SN105 is included. Should always contain a value of EA. EA Each	ID	2/2
O	O	SN108	668	Line Item Status Code Code specifying the action taken by the seller on a line item requested by the buyer When shipping, this element will always contain a value of AC. When cancelling, this element will contain one of the cancel codes listed. AC Item Accepted and Shipped	ID	2/2

ID	Item Deleted
IF	Item on Hold, Incomplete Description
IR	Item Rejected
R1	Item Rejected, Not a Contract Item
R2	Item Rejected, Invalid Item Product Number
R4	Item Rejected, Contract Item not Available

HL Hierarchical Level**Position:** 010**Loop:** HL (Hierarchical Level - Pack)**Level:** Detail**User Req:** Required**Max Use:** 1**Notes:** Example: HL*3*2*P

This pack loop is not required to be provided if only cancellations are being reported.

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	HL01	628	Hierarchical ID Number A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	AN	1/12
O	O	HL02	734	Hierarchical Parent ID Number Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to	AN	1/12
M	M	HL03	735	Hierarchical Level Code Code defining the characteristic of a level in a hierarchical structure P Pack	ID	1/2

MAN Marks and Numbers**Position:** 190**Loop:** HL (Hierarchical Level - Pack)**Level:** Detail**User Req:** Optional**Max Use:** >1**Notes:** Example: MAN*CP*1ZTRACKING

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	MAN01	88	Marks and Numbers Qualifier Code specifying the application or source of Marks and Numbers (87) This qualifier indicates that the MAN02 contains the tracking number for the package. CP Carrier-Assigned Package ID Number	ID	1/2
M	M	MAN02	87	Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment This element contains the tracking number for the package.	AN	1/48

SE**SE Transaction Set Trailer****Position:** 020**Loop:****Level:** Summary**User Req:** Required**Max Use:** 1**Notes:** Example: SE*11*0001

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	N0	1/10
M	M	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	AN	4/9