

856 Ship Notice/Manifest

TABLE 1

USER REQ	REQ. DES.	MAX USE	POS NO.	SEGMENT ID	SEGMENT NAME
	M	1	10	ST	Transaction Set Header
Must Use	M	1	20	BSN	Beginning Segment for Ship Notice
				LOOP ID - HL	MAX: 1
Must Use	M	1	10	HL	Hierarchical Level
Must Use	M	1	120	TD5	Carrier Details (Routing Sequence/Transit Time)
Must Use	M	1	200	DTM	Date/Time Reference
				LOOP ID - HL	MAX: 1
Must Use	M	1	10	HL	Hierarchical Level
Must Use	M	1	50	PRF	Purchase Order Reference
				LOOP ID - HL	MAX: >1
Must Use	M	1	10	HL	Hierarchical Level
	M	1	100	PO4	Item Physical Details
Must Use	M	1	120	TD1	Carrier Details (Quantity and Weight)
Must Use	M	2	150	MAN	Marks and Numbers
				LOOP ID - HL	MAX: >1
Must Use	M	1	10	HL	Hierarchical Level
Must Use	M	1	20	LIN	Item Identification
Must Use	M	1	30	SN1	Item Detail (Shipment)
Must Use	M	1	10	CTT	Transaction Totals
Must Use	M	1	20	SE	Transaction Set Trailer



ST ◦ **Transaction Set Header**

User Req: USED
Table/Area: 1
Loop: N/A
Loop Section: N/A
Position: 0010
Max Use: 1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	M	ST01	143	Transaction Set Identifier Code	ID	3	3
	M	ST02	329	Transaction Set Control Number	AN	4	9



BSN . Beginning Segment for Ship Notice

User Req: MUST USE
Table/Area: 1
Loop: N/A
Loop Section: N/A
Position: 0020
Max Use: 1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
Must Use	M	BSN01	353	Transaction Set Purpose Code	ID	2	2
				00 Original			
Must Use	M	BSN02	396	Shipment Identification	AN	2	30
Must Use	M	BSN03	373	Date	DT	8	8
	O	BSN04	337	Time	TM	4	8
Must Use	M	BSN05	1005	Hierarchical Structure Code	ID	4	4
				0001 Shipment, Order, Packaging, Item			

Set Note: BSN02 must be unique on every document submitted, even during testing. If a shipment fails validation, for example, a new 856 can be submitted but BSN02 should be a new unique identifier.



HL ◦ Hierarchical Level

User Req: MUST USE
Table/Area: 1
Loop: HL
Loop Section: HL
Position: 0010
Max Use: 1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	M	HL01	628	Hierarchical ID Number	AN	1	12
	M	HL03	735	Hierarchical Level Code	ID	1	2
				S	Shipment		

TD5

TD5 Carrier Details (Routing Sequence/Transit Time)

User Req: MUST USE
Table/Area: 1
Loop: HL
Loop Section: HL
Position: 0120
Max Use: 1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
Must Use	M	TD505	387	Routing	AN 1		35

Set Note: The shipping method that will be used to send the merchandise. Must use the same code received on the order.

<https://kroger.logicbroker.com/hc/en-us/articles/360021439271-Inbound-Outbound-Shipment-Method-Codes-SCAC->



DTM ◦ **Date/Time Reference**

User Req: MUST USE
Table/Area: 1
Loop: HL
Loop Section: HL
Position: 0200
Max Use: 1

Data Element Summary

User Req	Req. Ref. Des. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
Must Use	M DTM01	374	Date/Time Qualifier	ID	3	3
			011 Shipped			
			067 Current Schedule Delivery			
	X DTM02	373	Date	DT	8	8

Syntax Notes: At least one of 02, 03 and 05 is required.

Set Note: 011 (Shipped) - Date the shipment is getting picked up. This field is required.

067 (Current Schedule Delivery) - Date the shipment is expected to be delivered. This field is required.



HL ◦ Hierarchical Level

User Req: MUST USE
Table/Area: 1
Loop: HL
Loop Section: HL
Position: 0010
Max Use: 1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.		
Must Use	M	HL01	628	Hierarchical ID Number	AN	1	12		
Must Use	M	HL02	734	Hierarchical Parent ID Number	AN	1	12		
Must Use	M	HL03	735	Hierarchical Level Code	ID	1	2		
				<table border="1"> <tr> <td>O</td> <td>Order</td> </tr> </table>	O	Order			
O	Order								

PRF o **Purchase Order Reference**



User Req: MUST USE
Table/Area: 1
Loop: HL
Loop Section: HL
Position: 0050
Max Use: 1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
Must Use	M	PRF01	324	Purchase Order Number	AN	1	22

Set Note: PRF01 (Purchase Order Number) - this is the same number that was sent on the 850. This will always need to match.



HL ◦ Hierarchical Level

User Req: MUST USE
Table/Area: 1
Loop: HL
Loop Section: HL
Position: 0010
Max Use: 1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	M	HL01	628	Hierarchical ID Number	AN	1	12
	M	HL02	734	Hierarchical Parent ID Number	AN	1	12
	M	HL03	735	Hierarchical Level Code	ID	1	2
				P	Pack		

PO4

PO4 . Item Physical Details

User Req: USED
Table/Area: 1
Loop: HL
Loop Section: HL
Position: 0100
Max Use: 1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	O	PO410	82	Length	R	1	8
	O	PO411	189	Width	R	1	8
	O	PO412	65	Height	R	1	8
	O	PO413	355	Unit or Basis for Measurement Code	ID	2	2
				IN	Inch		

Syntax Notes: If 10 is present, then 13 is required.
 If 11 is present, then 13 is required.
 If 12 is present, then 13 is required.
 If 13 is present, then at least 10, 11 or 12 is required.

Set Note: (PO4), all of that data is optional, not mandatory.

TD1

TD1 Carrier Details (Quantity and Weight)

User Req: MUST USE
Table/Area: 1
Loop: HL
Loop Section: HL
Position: 0120
Max Use: 1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
Must Use	M	TD106	187	Weight Qualifier	ID	1	2
				G Gross Weight			
Must Use	M	TD107	81	Weight	R	1	10
Must Use	M	TD108	355	Unit or Basis for Measurement Code	ID	2	2
				LB Pound			

Syntax Notes: If 01 is present, then 02 is required.
 If 06 is present, then 07 is required.
 If any of 07 or 08 are present, then all are required.

Set Note: TD107 (Weight) - Gross weight of the carton or box



MAN 。 Marks and Numbers

User Req: MUST USE
Table/Area: 1
Loop: HL
Loop Section: HL
Position: 0150
Max Use: 2

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.		
Must Use	M	MAN01	88	Marks and Numbers Qualifier	ID	1	2		
				<table border="1"> <tr> <td>CP</td> <td>Carrier-Assigned Package ID Number</td> </tr> </table>	CP	Carrier-Assigned Package ID Number			
CP	Carrier-Assigned Package ID Number								
	X	MAN02	87	Marks and Numbers	AN	1	48		

Set Note: CP (Carrier-Assigned Package ID Number) - This is the tracking number assigned by your carrier for the carton or box shipment.



HL ◦ Hierarchical Level

User Req: MUST USE
Table/Area: 1
Loop: HL
Loop Section: HL
Position: 0010
Max Use: 1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	M	HL01	628	Hierarchical ID Number	AN	1	12
	O	HL02	734	Hierarchical Parent ID Number	AN	1	12
	M	HL03	735	Hierarchical Level Code	ID	1	2
				I	Item		



LIN . Item Identification

User Req: MUST USE
Table/Area: 1
Loop: HL
Loop Section: HL
Position: 0020
Max Use: 1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	O	LIN01	350	Assigned Identification	AN	1	20
Must Use	M	LIN02	235	Product/Service ID Qualifier	ID	2	2
				VN Vendor's (Seller's) Item Number			
Must Use	X	LIN03	234	Product/Service ID	AN	1	48
	O	LIN04	235	Product/Service ID Qualifier	ID	2	2
				IN Buyer's Item Number			
	X	LIN05	234	Product/Service ID	AN	1	48
	O	LIN06	235	Product/Service ID Qualifier	ID	2	2
				UP U.P.C. Consumer Package Code (1-5-5-1)			
	X	LIN07	234	Product/Service ID	AN	1	48

Syntax Notes: If any of 04 or 05 are present, then all are required.
 If any of 06 or 07 are present, then all are required.

SN1 。 Item Detail (Shipment)

SN1

User Req: MUST USE
 Table/Area: 1
 Loop: HL
 Loop Section: HL
 Position: 0030
 Max Use: 1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
Must Use	M	SN102	382	Number of Units Shipped	R	1	10
Must Use	M	SN103	355	Unit or Basis for Measurement Code	ID	2	2
				EA	Each		

Syntax Notes: If any of 05 or 06 are present, then all are required.



CTT Transaction Totals

User Req: MUST USE
Table/Area: 1
Loop: N/A
Loop Section: N/A
Position: 0010
Max Use: 1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	M	CTT01	354	Number of Line Items	N0	1	6
	O	CTT02	347	Hash Total	R	1	10



SE Transaction Set Trailer

User Req: MUST USE
Table/Area: 1
Loop: N/A
Loop Section: N/A
Position: 0020
Max Use: 1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	M	SE01	96	Number of Included Segments	N0	1	10
	M	SE02	329	Transaction Set Control Number	AN	4	9

