

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

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
0200	BSN	Beginning Segment for Ship Notice	M	1		

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
LOOP ID - HL					200000	C2/0100L
0100	HL	Hierarchical Level	M	1		C2/0100
1200	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
LOOP ID - TD3					12	
1300	TD3	Carrier Details (Equipment)	O	1		
1500	REF	Reference Information	O	>1		
1510	PER	Administrative Communications Contact	O	3		
2000	DTM	Date/Time Reference	O	10		
LOOP ID - N1					200	
2200	N1	Party Identification	O	1		
LOOP ID - HL					200000	C2/0100L
0100	HL	Hierarchical Level	M	1		C2/0100
0500	PRF	Purchase Order Reference	O	1		
1900	MAN	Marks and Numbers Information	O	>1		
2150	PAL	Pallet Type and Load Characteristics	O	1		
LOOP ID - HL					200000	C2/0100L
0100	HL	Hierarchical Level	M	1		C2/0100
0200	LIN	Item Identification	O	1		
0300	SN1	Item Detail (Shipment)	O	1		
2000	DTM	Date/Time Reference	O	10		

Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
0100	CTT	Transaction Totals	O	1		N3/0100

BSN Beginning Segment for Ship Notice

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	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>								
BSN01	353	Transaction Set Purpose Code	M	ID	2/2	Must use								
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>00</td> <td>Original</td> </tr> <tr> <td>01</td> <td>Cancellation</td> </tr> <tr> <td>07</td> <td>Duplicate</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	00	Original	01	Cancellation	07	Duplicate				
<u>Code</u>	<u>Name</u>													
00	Original													
01	Cancellation													
07	Duplicate													
BSN02	396	Shipment Identification	M	AN	2/30	Must use								
BSN03	373	Date	M	DT	8/8	Must use								
BSN04	337	Time	M	TM	4/8	Must use								

HL Hierarchical Level

Pos: 0100	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>
HL01	628	Hierarchical ID Number	M	AN	1/12	Must use
HL03	735	Hierarchical Level Code	M	ID	1/2	Must use

<u>Code</u>	<u>Name</u>
S	Shipment

TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 1200	Max: 12
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>
TD502	66	Identification Code Qualifier	X	ID	1/2	Used
		<u>Code</u>		<u>Name</u>		
		2		Standard Carrier Alpha Code (SCAC)		
TD503	67	Identification Code	X	AN	2/80	Recommended

User Note 1: Application required. Include Carrier code.

TD3 Carrier Details (Equipment)

Pos: 1300	Max: 1
Detail - Optional	
Loop: TD3	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>
TD302	206	Equipment Initial	O	AN	1/4	Used
TD303	207	Equipment Number	X	AN	1/15	Recommended

User Note 1: Application Required. Include the 'trailer number' in this element.

REF Reference Information

Pos: 1500	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>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use
		<u>Code</u> <u>Name</u>				
		BM Bill of Lading Number				
REF02	127	Reference Identification	X	AN	1/50	Recommended

User Note 1: Application Required. BOL#

PER Administrative Communications Contact

Pos: 1510	Max: 3
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>
PER01	366	Contact Function Code	M	ID	2/2	Must use
		<u>Code</u>				
		DC				
		<u>Name</u>				
PER02	93		O	AN	1/60	Used

DTM Date/Time Reference

Pos: 2000	Max: 10
Detail - Optional	
Loop: HL	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>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use
		<u>Code</u>				
		011				Shipped
		017				Estimated Delivery
DTM02	373	Date	X	DT	8/8	Recommended
User Note 1: Application Required. SHIP Date, ESTIMATED RECEIPT Date.						
DTM03	337	Time	X	TM	4/8	Recommended
User Note 1: Application Required. Estimated Receipt time						

N1 Party Identification

Pos: 2200	Max: 1
Detail - Optional	
Loop: N1	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>
N101	98	Entity Identifier Code	M	ID	2/3	Must use
		<u>Code</u>		<u>Name</u>		
		SF		Ship From		
		ST		Ship To		
N102	93	Name	X	AN	1/60	Recommended
User Note 1: Application Required. Ship From Vendor Name.						
N103	66	Identification Code Qualifier	X	ID	1/2	Recommended
User Note 1: For Kroger EDI to be able to identify the DUNS+4 .. please use '9' as the N103 qualifier						
		<u>Code</u>		<u>Name</u>		
		1		D-U-N-S Number, Dun & Bradstreet		
		9		D-U-N-S+4, D-U-N-S Number with Four Character Suffix		
N104	67	Identification Code	X	AN	2/80	Recommended
User Note 1: DUNS + 4, of Vendor's Ship-From location or DUNS Number (this option can only be used if you ship from only one location or multiple locations that will only use unique Bill of Lading number. Kroger EDI needs the SF DUNS# of the vendor before an ASN is sent. DUNS+4, of the Kroger's manufacturing plant is mandatory for EDI to indentify the plant for which the ASN goes to. Please refer our DUNS# for different location on our website http://edi.inter-americanproducts.com/edisupplier.htm						

HL Hierarchical Level

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	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>
HL01	628	Hierarchical ID Number	M	AN	1/12	Must use
HL02	734	Hierarchical Parent ID Number	O	AN	1/12	Used
HL03	735	Hierarchical Level Code	M	ID	1/2	Must use

<u>Code</u>	<u>Name</u>
T	Shipping Tare

PRF Purchase Order Reference

Pos: 0500	Max: 1
Detail - Optional	
Loop: HL	Elements: 1

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	M	AN	1/22	Must use

MAN Marks and Numbers Information

Pos: 1900	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	M	ID	1/2	Must use

<u>Code</u>	<u>Name</u>
GM	EAN.UCC Serial Shipping Container Code (SSCC) and Application Identifier

MAN02	87	Marks and Numbers	M	AN	1/48	Must use
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User Note 1: *Unit/License plate number*

PAL Pallet Type and Load Characteristics

Pos: 2150	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>
PAL01	883	Pallet Type Code	O	ID	1/2	Used
PAL15	399	Pallet Exchange Code	O	ID	1/1	Used

HL Hierarchical Level

Pos: 0100 Max: 1
 Detail - Mandatory
 Loop: HL 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>
HL01	628	Hierarchical ID Number	M	AN	1/12	Must use
HL02	734	Hierarchical Parent ID Number	O	AN	1/12	Used
HL03	735	Hierarchical Level Code	M	ID	1/2	Must use

<u>Code</u>	<u>Name</u>
I	Item

LIN Item Identification

Pos: 0200	Max: 1
Detail - Optional	
Loop: HL	Elements: 6

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>
LIN02	235	Product/Service ID Qualifier	M	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		PL Purchaser's Order Line Number				
LIN03	234	Product/Service ID	M	AN	1/48	Must use
		User Note 1: <i>Item number.</i>				
LIN04	235	Product/Service ID Qualifier	X	ID	2/2	Used
		<u>Code</u> <u>Name</u>				
		RN Release Number				
LIN05	234	Product/Service ID	X	AN	1/48	Used
LIN06	235	Product/Service ID Qualifier	X	ID	2/2	Used
		<u>Code</u> <u>Name</u>				
		SL Seller's Lot Number				
LIN07	234	Product/Service ID	X	AN	1/48	Recommended
		User Note 1: <i>Application Required. Lot number</i>				

SN1 Item Detail (Shipment)

Pos: 0300 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>
SN102	382	Number of Units Shipped	M	R	1/10	Must use
SN103	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use

<u>Code</u>	<u>Name</u>
BG	Bag
BX	Box
CA	Case
DR	Drum
EA	Each
FO	Fluid Ounce
GL	Grams per Liter
GR	Gram
KG	Kilogram
LA	Pounds Per Cubic Inch
LB	Pound
ML	Milliliter
OZ	Ounce - Av
PT	Pint
TH	Thousand

DTM Date/Time Reference

Pos: 2000	Max: 10
Detail - Optional	
Loop: HL	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>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use
		<u>Code</u> 405		<u>Name</u> Production		
DTM02	373	Date	X	DT	8/8	Recommended
User Note 1: Application Required. MANUFACTURED Date.						
DTM03	337	Time	X	TM	4/8	Used

CTT Transaction Totals

Pos: 0100	Max: 1
Summary - Optional	
Loop: N/A	Elements: 2

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT01	354	Number of Line Items	M	N0	1/6	Must use
User Note 1: CTT01 contains the number of HL segments present in the transaction set.						
CTT02	347	Hash Total	O	R	1/10	Used
User Note 1: Total of SN102s for each SN1 segment						

Example:

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ISA*00*          *00*          *Qualifier*SENDER ID          *08*925411P400
*171012*120
1*U*00501*000000381*0*P*>~
GS*SH*SENDER GS*5137621274*20171012*1201*381*X*005010~
ST*856*003810001~
BSN*00*164087*20171012*1201~
HL*1**S~
TD5**2*AWES~
TD3***353685~
REF*BM*164087~
PER*DC*LAWRENCE TRANSPORT~
DTM*011*20171012*1201~
DTM*017*20171012*1500~
N1*SF*SHIP FROM LOCATION NAME*(1or9)*(DUNS/DUNS+4) ~
N1*ST*PACE DAIRY COMPANY*9*1067114500057~
HL*2*1*T~
PRF*K018906-00430~
MAN*GM*00106957540007547293~
HL*3*2*I~
LIN**PL*110035*RN*00430*SL*22817ACXAA~
SN1**2450*LB~
DTM*405*20170816~
HL*4*1*T~
PRF*K018906-00430~
MAN*GM*00106957540007547309~
HL*5*4*I~
LIN**PL*110035*RN*00430*SL*22817ACXAA~
SN1**2450*LB~
DTM*405*20170816~
HL*6*1*T~
PRF*K018906-00430~
MAN*GM*00106957540007547316~
HL*7*6*I~
LIN**PL*110035*RN*00430*SL*22817ACXAA~
    
```

SN1**2450*LB~
DTM*405*20170816~
HL*8*1*T~
PRF*K018906-00430~
MAN*GM*00106957540007547323~
HL*9*8*I~
LIN**PL*110035*RN*00430*SL*22817ACXAA~
SN1**2450*LB~
DTM*405*20170816~
HL*10*1*T~
PRF*K018906-00430~
MAN*GM*00106957540007547330~
HL*11*10*I~
LIN**PL*110035*RN*00430*SL*22817ACXAA~
SN1**2450*LB~
DTM*405*20170816~
HL*12*1*T~
PRF*K018906-00430~
MAN*GM*00106957540007547347~
HL*13*12*I~
LIN**PL*110035*RN*00430*SL*24817ACXAA~
SN1**2450*LB~
DTM*405*20170905~
HL*14*1*T~
PRF*K018906-00430~
MAN*GM*00106957540007547354~
HL*15*14*I~
LIN**PL*110035*RN*00430*SL*24817ACXAA~
SN1**2450*LB~
DTM*405*20170905~
HL*16*1*T~
PRF*K018906-00430~
MAN*GM*00106957540007547361~
HL*17*16*I~
LIN**PL*110035*RN*00430*SL*24817ACXAA~
SN1**2450*LB~
DTM*405*20170905~
HL*18*1*T~
PRF*K018906-00430~
MAN*GM*00106957540007547378~
HL*19*18*I~
LIN**PL*110035*RN*00430*SL*24817ACXAA~
SN1**2450*LB~
DTM*405*20170905~
CTT*19*22050~
SE*76*003810001~
GE*1*381~
IEA*1*000000381~