

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

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>
0100	CTT	Transaction Totals	O	1		N3/0100	Used

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 <u>Code</u> <u>Name</u> 00 Original 01 Cancellation 07 Duplicate	M	ID	2/2	Must use
BSN02	396	Shipment Identification Unique for each ASN from a vendor Ship- From DUNS + Suffix	M	AN	2/30	Must use
BSN03	373	Date Date the 856 transaction set was created	M	DT	8/8	Must use
BSN04	337	Time Time the 856 transaction set was created	M	TM	4/8	Must use

HL Hierarchical Level (Shipment)

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 <u>Code</u> <u>Name</u> 1 Shipment	M	AN	1/12	Must use
HL03	735	Hierarchical Level Code <u>Code</u> <u>Name</u> S Shipment	M	ID	1/2	Must use

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 <u>Code</u> <u>Name</u> 2 Standard Carrier Alpha Code (SCAC)	X	ID	1/2	Used
TD503	67	Identification Code (SCAC)	X	AN	2/80	Used

TD3 Carrier Details (Equipment)

Pos: 1300 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>
TD302	206	Equipment Initial	O	AN	1/4	Used
TD303	207	Equipment Number Please provide Trailer Number	X	AN	1/15	Used

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 Bill of Lading Number	X	AN	1/50	Used

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> <u>Name</u>				
		DC Delivery Contact				
PER02	93	Name Carrier Description	O	AN	1/60	Used

DTM Date/Time Reference (Shipment)

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> <u>Name</u>				
		011 Shipped				
		017 Estimated Delivery				
DTM02	373	Date	X	DT	8/8	Used
DTM03	337	Time	X	TM	4/8	Used

N1 Party Identification (Shipment)

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	Used
N103	66	Identification Code Qualifier	X	ID	1/2	Used
		<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 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 numbers per location.	X	AN	2/80	Used

HL	Hierarchical Level (Tare)	Pos: 0100 Max: 1 Detail - Mandatory Loop: HL Elements: 3
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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 (Tare)	Pos: 0500 Max: 1 Detail - Optional Loop: HL Elements: 1
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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
		Plant purchase order number (up to 13 characters – must include the PO# (up to 7 characters), the dash, and the delivery number (5 characters))				

MAN	Marks and Numbers Information (Tare)	Pos: 1900 Max: >1 Detail - Optional Loop: HL Elements: 2
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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
		SSCC-18 shipping container code Note: The full 20 digit number is to be transmitted plants, including the '00' SSCC-18 application identified and the module 10 check character; the 20 digit number is to be used in 004010X12, and in all subsequent X12 versions. This element must be 20 digit numeric				

PAL	Pallet Type and Load Characteristics (Tare)	Pos: 2150 Max: 1 Detail - Optional Loop: HL Elements: 2
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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
		Type of Pallet				
PAL15	399	Pallet Exchange Code	O	ID	1/1	Used
		Code specifying pallet exchange instructions				

HL Hierarchical Level (Item)

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 Ties back to parent (Tare level)	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
		Line number / resource number				
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
		Item Release number				
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	Used
		Seller's Lot number				

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>				
		CA Case				
		BX Box				
		BG Bag				
		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: 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>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use
		<u>Code</u> <u>Name</u>				
		405 Production				
DTM02	373	Date	X	DT	8/8	Used
		If more than one production date applies to the UPC/EAN Case code at the pack level, then this should be the earliest of the dates				

CTT Transaction Totals

Pos: 0100	Max: 1
Summary - Optional	
Loop: N/A	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>
CTT01	354	Number of Line Items	M	NO	1/6	Must use
		CTT01 contains the number of HL segments present in the transaction set				
CTT02	347	Hash Total	O	R	1/10	Used
		Total of SN102s for each SN1 segment				