

856**Ship Notice/Manifest**

Version 004010 UCS & X12

Functional Group=**SH**

Note: In addition to the EDI Standard's required segments/elements, our Internet specifications include the required segments/elements for our manufacturing plant's application systems.

In the following table, the "Level of Hierarchy" column applies to the HL loop in the detail area of the transaction set. The required segments are those containing data the manufacturing plants require or are mandatory in the EDI standards. All other segments may be sent, will be edited against EDI standards, but are otherwise ignored by the manufacturing plants.

BSN Beginning Segment for Ship Notice

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 5

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

HL Hierarchical Level (Shipment)

Pos: 010	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
		<u>Code</u> <u>Name</u>				
		1 Shipment				
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: 120	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	M	ID	1/2	Must use
		<u>Code</u> <u>Name</u>				
		2 Standard Carrier Alpha Code (SCAC)				
TD503	67	Identification Code (SCAC)	M	AN	2/80	Must use

TD3 Carrier Details (Equipment)

Pos: 130 Max: 12
 Detail - Optional
 Loop: HL Elements: 2

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD302	206	Equipment Initial	C	ID	2/2	Used
TD303	207	Equipment Number	M	AN	1/10	Must use

Please provide Trailer Number

REF Reference Identification

Pos: 150 Max: >1
 Detail - Optional
 Loop: HL Elements: 2

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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	M	AN	1/30	Must use
		Bill of Lading Number				

PER Communication Contact Information

Pos: 151 Max: 3
 Detail - Optional
 Loop: HL Elements: 2

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER01	366	Contact Function Code	M	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		DC Delivery Contact				
PER02	93	Name	O	AN	1/60	Used
		Carrier Description				

DTM Date/Time Reference (Shipment)

Pos: 200 Max: 10
 Detail - Optional
 Loop: HL Elements: 2

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use
		<u>Code</u> <u>Name</u>				
		011 Shipped				
DTM02	373	Date	M	DT	8/8	Must use
		Date Shipped				
DTM03	337	Time	X	TM	4/8	Used
		Time Shipped				

DTM Date/Time Reference (Shipment)

Pos: 200 Max: 10
 Detail - Optional
 Loop: HL Elements: 2

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use
		<u>Code</u> <u>Name</u>				
		017 Estimated receipt date				
DTM02	373	Date	M	DT	8/8	Must use
		Estimated receipt date				
DTM03	337	Time	M	TM	4/8	Must use
		Estimated receipt time(HHMM)				

N1 Name (Shipment)

Pos: 220	Max: 1
Detail - Optional	
Loop: HL/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	M	AN	1/60	Must use
		Name of Shipper				
N103	66	Identification Code Qualifier	M	ID	1/2	Must use
		<u>Code</u> <u>Name</u>				
		1 D-U-N-S				
		9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix				
N104	67	Identification Code	M	AN	2/80	Must use
		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.)				

HL Hierarchical Level (Tare)

Pos: 010	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	M	AN	1/12	Must use
HL03	735	Hierarchical Level Code	M	ID	1/2	Must use
		<u>Code</u> <u>Name</u>				
		T Tare				

PRF Purchase Order Reference (Tare)

Pos: 050	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
		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 (Tare)

Pos: 190	Max: >1
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>
MAN01	88	Marks and Numbers Qualifier	M	ID	1/2	Must use
		<u>Code</u> <u>Name</u>				
		GM SSCC-18 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 Information (Tare)

Pos: 215	Max: 1
Detail - Optional	
Loop: HL	Elements: 2

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PAL01	883	Pallet Type Code Type of Pallet	M	ID	1/2	Must use
		<u>Code</u> <u>Name</u>				
		1 Aluminum				
		2 As Specified by the Department Of Transportation (DOT)				
		3 Metal				
		4 Standard				
		5 Steel				
		6 Wood				
		7 Slip Sheet				
PAL15	399	Pallet Exchange Code Code specifying pallet exchange instructions	O	ID	1/1	Used
		<u>Code</u> <u>Name</u>				
		1 No Exchange/No Return				
		2 Exchange Pallets				
		3 Return Pallets				
		4 Pallets to be Purchased By Customer				
		5 Third Party Pallet Exchange				

HL Hierarchical Level (Item)

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	Hierarchical ID Number	M	AN	1/12	Must use
HL02	734	Hierarchical Parent ID Number Ties back to parent (Tare level)	M	AN	1/12	Must use
HL03	735	Hierarchical Level Code	M	ID	1/2	Must use
		<u>Code</u> <u>Name</u>				
		I Item				

LIN Item Identification

Pos: 020	Max: 1
Detail - Optional	
Loop: HL	Elements: 4

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN02	235	Product/Service ID Qualifier	M	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		PL Purchaser's Order Line Number / Plant Resource Number				
LIN03	234	Product/Service ID Line number / Resource number	M	AN	1/48	Must use
LIN04	235	Product/Service ID Qualifier	M	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		RN Item Release Number				
LIN05	234	Product/Service ID Item Release Number	M	AN	1/48	Must use
LIN06	235	Product/Service ID Qualifier	M	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				

LIN07 234 SL Seller's Lot Number
Product/Service ID M AN 1/48 Must use
 Seller's Lot Number

SN1 Item Detail (Item)

Pos: 030	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	R0	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
PT	Pint
TH	Thousand

DTM Date/Time Reference (Item)

Pos: 200	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 date				
DTM02	373	Date	M	DT	8/8	Must use
		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: 010	Max: 1
Summary - Optional	
Loop: N/A	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>
CTT01	354	Number of Line Items	M	N0	1/6	Must use
		CTT01 contains the number of HL segments present in the transaction set				
CTT02	347	Sum of the value of units shipped	M	R	1/10	Must use
		Total of SN102s for each SN1 segment				