



856 Ship Notice/Manifest

VERSION: ANSI ASC X12 3030 DRAFT

Created:	June 2, 2003
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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>
010	ST	Transaction Set Header	M	1		
020	BSN	Beginning Segment (Ship Notice)	M	1		
030	DTM	Date/Time Reference	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>
<u>LOOP ID – HL</u>					<u>200000</u>	
010	HL	Hierarchical level (Shipment)	M			
020	MEA	Measurements	M	2		
030	TD5	Carrier Detail (Routing Sequence)	M	12		
040	TD3	Carrier Detail (Equipment)	M	12		
050	REF	Reference Numbers	M	2		
<u>LOOP ID – N1</u>					<u>2</u>	
060	N1	Name	M	2		
<u>LOOP ID – HL</u>					<u>200000</u>	
070	HL	Hierarchical level (Order)	M			
080	LIN	Item Identification Detail	M	1		
090	SN1	Item Detail	M	1		
<u>LOOP ID – CLD</u>					<u>200</u>	
100	CLD	Load Detail	O	1		
<u>LOOP ID – HL</u>					<u>200000</u>	
110	HL	Hierarchical Level (Item)	O	1		
120	SN1	Item Detail (Shipment)	O	1		
130	REF	Reference Identification	O	1		

Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
010	CTT	Transaction Totals	M	1		
020	SE	Transaction Set Trailer	M	1		

ST Transaction Set Header

Pos: 010	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

To indicate the start of a transaction set and to assign a control number

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
ST01	143	Transaction Set Identifier Description: Code uniquely identifying a Transaction Set. <u>Code Name</u> 856 Ship Notice/Manifest	M	ID	3/3
ST02	329	Transaction Set Control Number Description: Identifying control number assigned by the originator for a Transaction Set.	M	AN	4/9

BSN Beginning Segment (Ship Notice)

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

To indicate the beginning of a planning schedule transaction set; whether a ship or delivery based forecast; and related forecast envelope dates

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>						
BSN01	353	Transaction Set Purpose Description: Code identifying purpose of transmitted set.	M	ID	2/2						
		<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> </tbody> </table>	<u>Code</u>	<u>Name</u>	00	Original	01	Cancellation			
<u>Code</u>	<u>Name</u>										
00	Original										
01	Cancellation										
BSN02	396	Shipment Identification <i>Note: Use Packing List Number</i>	M	AN	2/30						
BSN03	373	Date Description: Date expressed as yymmdd <i>Note: ASN generation date</i>	M	DT	6/6						
BSN04	337	Time Description: Time Expressed as hhmm <i>Note: ASN generation time</i>	M	TM	4/4						

DTM

Date/Time Reference

Pos: 30	Max: 1
Heading - Mandatory	
Loop: N/Z	Elements: 4

To identify specific ship/delivery requirements

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
DTM01	374	Date/Time Qualifier Description: Code Specifying type of date or time, or both. Note: Use "011" (shipped)	M	ID	3/3
DTM02	373	Date Description: Date shipped expressed as yymmdd	M	<u>DT</u>	6/6
DTM03	337	Time Description: Time shipped expressed as hhmm	M	<u>TM</u>	4/4
DTM04	623	Time Code Description: Time Zone for shipping location	O	<u>ID</u>	2/2

HL Hierarchical Level (Shipment)

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

To identify dependencies among and the content of hierarchically related groups of data segments

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
HL01	628	Hierarchical ID Number Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure. <i>Note: Use "1"</i>	M	AN	1/12
HL02	734	Hierarchical Parent ID Number Description: Identifying number of the next higher hierarchical data segment. <i>Note: Note Used</i>	O	AN	1/12
HL03	735	Hierarchical Level code Description: Code defining the characteristic of a level in a hierarchical structure. <i>Note: Use "S" = Shipment</i>	M	ID	2

MEA

Measurements	Pos: 020 Max: 2 Detail – Mandatory Loop: HL Elements: 4

To transmit information in a free-form format, if necessary, for comment or special instruction

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
MEA01	737	Measurements Reference ID Code Description: Code Identifying the broad category to which a measurement applies <i>Note: Use “PD”</i> <u>Code Name</u> PD Physical Dimensions	M	ID	2/2
MEA02	738	Measurement Qualifier Description: Code Identifying a specific product or process characteristic to which the measurement applies. <u>Code Name</u> G Gross Weight N Net Weight	M	ID	1/3
MEA03	739	Measurement Value Description: The value of the measurement	M	R	1/20
MEA04	355	Unit Of Measurement Description: Code specifying the units in which a value is being expressed. <u>Code Name</u> LB Pound	M	AN	2/2

TD5

<h2>Carrier Detail (Routing Sequence)</h2>	Pos: 030 Max: 1 Detail – Mandatory Loop: HL Elements: 4

To specify the carrier and sequence of routing and provide transit time information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
TD501	133	Routing Sequence Code Description: Code describing the relationship of a carrier to a specific shipment movement. <u>Code Name</u> B Origin/Delivery Carrier	M	ID	1/2
TD502	66	Identification Code Qualifier Description: Code designating the system/method of code structure used. <u>Code Name</u> 2 Standard Carrier Alpha Code (SCAC)	M	ID	1/2
TD503	67	Identification Code Description: Code identifying a party or other code. <i>Note: Use SCAC code. Use "THTK" if shipped via supplier truck Use "ADAC" if shipped via ADAC truck</i>	M	AN	2/80
TD504	91	Transportation Method Description: Code specifying the method or type of transportation for the shipment. <i>Note: All valid standard codes are used.</i>	M	ID	1/2

TD3

<h2 style="margin: 0;">Carrier Detail (Equipment)</h2>	Pos: 040 Max: 1 Detail – Mandatory Loop: HL Elements: 3

To specify transportation details relating to the equipment used by the carrier.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
TD301	40	Equipment Description Code Description: Code Identifying type of equipment used for shipment.	M	ID	2/2
TD303	207	Equipment Number Description: Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)	M	AN	1/10

Note: Use Trailer number

REF

Name	Pos: 050 Max: 4 Detail – Mandatory Loop: HL Elements: 2

To specify identifying numbers

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
REF01	128	Reference Number Qualifier <i>Note: Any accepted AIAG could be used.</i>	M	ID	2/2
REF02	127	Reference Number <u>Code</u> <u>Name</u> PK Packing list number	O	AN	1/30

N1

Name

Pos: 090	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

To identify a party by type of organization, name and code

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
N101	98	Organization Identifier Description: Code identifying the type of party being defined. SU Supplier Code ST Ship-to code	M	ID	2/2
N102	93	Name Description: Free-form organization name, official title, or related information.	C	AN	1/35
N103	66	Identification Code Qualifier Description: Free-form organization name, official title, or related information.	C	AN	1/35
N104	67	Name Description: Free-form organization name, official title, or related information.	C	AN	1/35

HL Hierarchical Level (Shipment)

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

To identify dependencies among and the content of hierarchically related groups of data segments

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
HL01	628	Hierarchical ID Number Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure.	M	AN	1/12
HL02	734	Hierarchical Parent ID Number Description: Identifying number of the next higher hierarchical data segment.	O	AN	1/12
HL03	735	Hierarchical Level code Description: Code defining the characteristic of a level in a hierarchical structure.	M	ID	2

Note: Use "O" = Order

LIN

Item Identification Detail

Pos: 080	Max> 1
Detail – Mandatory	
Loop: HL	Elements: 7

To specify basic item identification data.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
LIN01	666	Line Item Number Description: Identifying number for a line item.	O	AN	3/3
LIN02	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234). <u>Code Name</u> BP Buyer's Part Number	M	ID	2/2
LIN03	234	Product/Service ID Description: Identifying number for a product or service. <i>Note: ADAC Part Number</i>	M	AN	1/25
LIN04	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234). <u>Code Name</u> ON release(order) number	M	ID	2/2
LIN05	234	Product/Service ID Description: Identifying number for a product or service. <i>Note: ADAC Release number (Sent on the 862 FST09)</i>	M	AN	1/25
LIN06	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234). <u>Code Name</u> EC Engineering Change Level	M	ID	2/2
LIN07	234	Product/Service ID Description: Identifying number for a product or service. <i>Note: Current Engineering change level</i>	M	AN	1/30
LIN08	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234). <u>Code Name</u> PO Purchase Order Number	M	ID	2/2
LIN09	234	Product/Service ID Description: Identifying number for a product or service. <i>Note: Purchase Order Number</i>	M	AN	1/30

SN1 Item Detail (Shipment)

Pos: 020	Max: 1
Detail - Mandatory	
Loop: LIN	Elements: 1

To specify item unit data.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
SN101	382	Number of units Shipped Description: Numeric value of units shipped in manufacturer's shipping units for the line item.	M	R	1/10
SN102	355	Unit of Measurement Code Description: Code identifying the basic unit measurement.	M	ID	2/2

Note:

This segment indicates the unit of measure for part number in previous LIN segment.

CLD

Load Detail

Pos: 100	Max: 1
Detail – Conditional	
Loop: CLD	Elements: 3

To specify the number of material loads shipped by supplier.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
CLD01	622	Number of Loads Description: Number of customer defined loads shipped	M	N0	1/5
CLD02	382	Number of Units Shipped Description: Numeric value of units shipped	M	R	1/10
CLD03	103	Packaging Code Description: Code Identifying type of packaging	M	AN	3/5

HL Hierarchical Level (Item)

Pos: 010	Max: 1
Detail – Optional	
Loop: HL	Elements: 3

To identify dependencies among and the content of hierarchically related groups of data segments

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
HL01	628	Hierarchical ID Number Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure.	M	AN	1/12
HL02	734	Hierarchical Parent ID Number Description: Identifying number of the next higher hierarchical data segment.	O	AN	1/12
HL03	735	Hierarchical Level code Description: Code defining the characteristic of a level in a hierarchical structure.	M	ID	2

Note: Use "I" = Item

SN1 Item Detail (Shipment)

Pos: 020	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 1

To specify item unit data.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
SN101	382	Number of units Shipped Description: Numeric value of units shipped in manufacturer's shipping units for the line item.	M	R	1/10

REF

Name	Pos: 050	Max: 4
	Detail – Mandatory	
	Loop: HL	Elements: 2

To specify identifying numbers

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
REF01	128	Reference Number Qualifier <i>Note: Use LS for Bar-coded serial number</i>	M	ID	2/2
REF02	127	Reference Number	O	AN	1/30

CTT Transaction Totals

Pos: 072	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

To transmit a hash total for a specific element in the transaction set

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
CTT01	354	Number of Line Items	M	N0	4/4
		Description: Total number of line items in the transaction set.			
		<i>Note:</i> Total number of LIN segments in this transaction set.			

SE Transaction Set Trailer

Pos: 73	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning and ending (SE) segment)

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
SE01	96	Number of Included Segments Description: Total number of segments included in a transaction set including ST and SE segments.	M	N0	1/6
SE02	329	Transaction Set Control Number Description: Identifying control number assigned by the originator for a Transaction Set.	M	AN	4/9