



856 Ship Notice/Manifest - Vendor Direct

Version: X12 4010

Author:	SPS Commerce
Modified:	08/12/2008

856

Ship Notice/Manifest

Functional Group=SH

This X12 Transaction Set contains the format and establishes the data contents of the Ship Notice/Manifest Transaction Set (856) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to list the contents of a shipment of goods as well as additional information relating to the shipment, such as order information, product description, physical characteristics, type of packaging, marking, carrier information, and configuration of goods within the transportation equipment. The transaction set enables the sender to describe the contents and configuration of a shipment in various levels of detail and provides an ordered flexibility to convey information. The sender of this transaction is the organization responsible for detailing and communicating the contents of a shipment, or shipments, to one or more receivers of the transaction set. The receiver of this transaction set can be any organization having an interest in the contents of a shipment or information about the contents of a shipment.

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>
0100	ST	Transaction Set Header	M	1			Must use
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>
<u>LOOP ID - HL</u>					<u>200000</u>		
0100	HL	Hierarchical Level	M	1			Must use
1200	TD5	Carrier Details (Routing Sequence/Transit Time)	M	1			Must use
1500	REF	Reference Information	C	2			Used
2000	DTM	Date/Time Reference	M	1			Must use
2000	DTM	Date/Time Reference	O	1			Used
<u>LOOP ID - N1</u>					<u>1</u>		
2200	N1	Party Identification	O	1			Used
2400	N3	Party Location	O	1			Used
2500	N4	Geographic Location	O	1			Used
<u>LOOP ID - HL</u>					<u>200000</u>		
0100	HL	Hierarchical Level	M	1			Must use
0500	PRF	Purchase Order Reference	M	1			Must use
1500	REF	Reference Information	O	2			Used
1500	REF	Reference Information	C	1			Used
<u>LOOP ID - HL</u>					<u>200000</u>		
0100	HL	Hierarchical Level	M	1			Must use
1900	MAN	Marks and Numbers Information	M	1			Must use
<u>LOOP ID - HL</u>					<u>200000</u>		
0100	HL	Hierarchical Level	M	1			Must use
0200	LIN	Item Identification	M	1			Must use
0300	SN1	Item Detail (Shipment)	M	1			Must use
0700	PID	Product/Item Description	O	3			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	M	1		N3/0100	Must use
0200	SE	Transaction Set Trailer	M	1			Must use

Notes:

3/0100 Number of line items (CTT01) is the accumulation of the number of HL segments. If used, hash total (CTT02) is the sum of the value of units shipped (SN102) for each SN1 segment.

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

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>	<u>Usage</u>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Must use
Description: Code uniquely identifying a Transaction Set						
		<u>Code</u>	<u>Name</u>			
		856	Ship Notice/Manifest			
ST02	329	Transaction Set Control Number	M	AN	4/9	Must use
Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set						

BSN Beginning Segment for Ship Notice

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 5

User Option (Usage): Must use

To transmit identifying numbers, dates, and other basic data relating to 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>	<u>Usage</u>
BSN01	353	Transaction Set Purpose Code	M	ID	2/2	Must use
		Description: Code identifying purpose of transaction set				
		<u>Code</u>		<u>Name</u>		
		00		Original		
BSN02	396	Shipment Identification	M	AN	2/30	Must use
		Description: A unique control number assigned by the original shipper to identify a specific shipment				
BSN03	373	Date	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
BSN04	337	Time	M	TM	4/8	Must use
		Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)				
BSN05	1005	Hierarchical Structure Code	O	ID	4/4	Used
		Description: Code indicating the hierarchical application structure of a transaction set that utilizes the HL segment to define the structure of the transaction set				
		<u>Code</u>		<u>Name</u>		
		0001		Shipment, Order, Packaging, Item		

Semantics:

1. BSN03 is the date the shipment transaction set is created.
2. BSN04 is the time the shipment transaction set is created.

Loop HL

Pos: 0100	Repeat: 200000
Mandatory	
Loop: HL	Elements: N/A

User Option (Usage): Must use

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0100	HL	Hierarchical Level	M	1		Must use
1200	TD5	Carrier Details (Routing Sequence/Transit Time)	M	1		Must use
1500	REF	Reference Information	C	2		Used
2000	DTM	Date/Time Reference	M	1		Must use
2000	DTM	Date/Time Reference	O	1		Used
2200		Loop N1	O		1	Used
0100		Loop HL	M		200000	Must use

HL

Hierarchical Level

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 2

User Option (Usage): Must use

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>	<u>Usage</u>
HL01	628	Hierarchical ID Number	M	AN	1/12	Must use
<p>Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure</p> <p>User Note 1: <i>Hierarchical ID numbers must not begin with a zero</i></p>						
HL03	735	Hierarchical Level Code	M	ID	1/2	Must use
<p>Description: Code defining the characteristic of a level in a hierarchical structure</p>						

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

TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 1200	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 4

User Option (Usage): Must use

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

User Note 1:

The carrier SCAC must be provided in either TD503 or TD505

SCAC must be valid codes as published with the National Motor Carriers Association. At the end of these guidelines is a list of the preferred Carriers and their matching SCAC codes

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
Description: Code designating the system/method of code structure used for Identification Code (67)						
		<u>Code</u>	<u>Name</u>			
		2	Standard Carrier Alpha Code (SCAC)			
TD503	67	Identification Code	X	AN	2/35	Used
Description: Code identifying a party or other code						
TD505	387	Routing	C	AN	1/80	Used
Description: Free-form description of the routing or requested routing for shipment, or the originating carrier's identity						
TD512	284	Service Level Code	X	ID	2/2	Used
Description: Code indicating the level of transportation service or the billing service offered by the transportation carrier						

<u>Code</u>	<u>Name</u>
3D	Three Day Service
AM	A.M.
CG	Ground
CX	Express Service
DC	Delivery Confirmation
FC	First Class
G2	Standard Service
ND	Next Day Air
ON	Overnight
PI	Priority Service
PB	Priority Mail
PM	PM
SA	Same Day

SD	Saturday
SE	Second Day
SG	Standard Ground

REF Reference Information

Pos: 1500	Max: 2
Detail - Conditional	
Loop: HL	Elements: 2

User Option (Usage): Used

To specify identifying information

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

Description: Code qualifying the Reference Identification

<u>Code</u>	<u>Name</u>
IA	Internal Vendor Number

User Note 1:

Vendor number must be sent at either the Shipment or Order level. If sent at this level, number Must be 2 - 6 digits, all numeric, not begin with a zero and must match what was sent on the 850.

REF02	127	Reference Identification	M	AN	1/50	Must use
-------	-----	--------------------------	---	----	------	----------

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

DTM Date/Time Reference

Pos: 2000	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 2

User Option (Usage): Must use

To specify pertinent dates and times

User Note 1:

Shipped Date must not be a future date

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

Description: Code specifying type of date or time, or both date and time

<u>Code</u>	<u>Name</u>
011	Shipped

DTM02	373	Date	M	DT	8/8	Must use
-------	-----	------	---	----	-----	----------

Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

DTM Date/Time Reference

Pos: 2000	Max: 1
Detail - Optional	
Loop: HL	Elements: 2

User Option (Usage): Used

To specify pertinent dates and times

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

Description: Code specifying type of date or time, or both date and time

<u>Code</u>	<u>Name</u>
067	Current Schedule Delivery

DTM02	373	Date	M	DT	8/8	Must use
-------	-----	------	---	----	-----	----------

Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

Loop N1

Pos: 2200	Repeat: 1
Optional	
Loop: N1	Elements: N/A

User Option (Usage): Used

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
2200	N1	Party Identification	O	1		Used
2400	N3	Party Location	O	1		Used
2500	N4	Geographic Location	O	1		Used

N1 Party Identification

Pos: 2200	Max: 1
Detail - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used

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>	<u>Usage</u>
N101	98	Entity Identifier Code	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		<u>Code</u>		<u>Name</u>		
		ST		Ship To		
N102	93	Name	M	AN	1/60	Must use
		Description: Free-form name				

N3 Party Location

Pos: 2400	Max: 1
Detail - Optional	
Loop: N1	Elements: 1

User Option (Usage): Used

To specify the location of the named party

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>
N301	166	Address Information	M	AN	1/55	Must use
		Description: Address information				

N4 Geographic Location

Pos: 2500	Max: 1
Detail - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

To specify the geographic place of the named party

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>
N401	19	City Name Description: Free-form text for city name	M	AN	2/30	Must use
N402	156	State or Province Code Description: Code (Standard State/Province) as defined by appropriate government agency	M	ID	2/2	Must use
N403	116	Postal Code Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	M	ID	3/15	Must use
N404	26	Country Code Description: Code identifying the country	O	ID	2/3	Used

Loop HL

Pos: 0100	Repeat: 200000
Mandatory	
Loop: HL	Elements: N/A

User Option (Usage): Must use

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0100	HL	Hierarchical Level	M	1		Must use
0500	PRF	Purchase Order Reference	M	1		Must use
1500	REF	Reference Information	O	2		Used
1500	REF	Reference Information	C	1		Used
0100		Loop HL	M		200000	Must use

HL

Hierarchical Level

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 3

User Option (Usage): Must use

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>	<u>Usage</u>
HL01	628	Hierarchical ID Number	M	AN	1/12	Must use
<p>Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure</p> <p>User Note 1: <i>Hierarchical ID numbers must not begin with a zero</i></p>						
HL02	734	Hierarchical Parent ID Number	M	AN	1/12	Must use
<p>Description: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to</p> <p>User Note 1: <i>Hierarchical ID numbers must not begin with a zero</i></p>						
HL03	735	Hierarchical Level Code	M	ID	1/2	Must use
<p>Description: Code defining the characteristic of a level in a hierarchical structure</p>						

<u>Code</u>	<u>Name</u>
O	Order

PRF Purchase Order Reference

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

User Option (Usage): Must use

To provide reference to a specific purchase order

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	7/8	Must use

Description: Identifying number for Purchase Order assigned by the orderer/purchaser

User Note 1: PO number must be 7 - 8 digits, all numeric, not begin with a zero and match what was sent on the 850.

REF Reference Information

Pos: 1500	Max: 2
Detail - Optional	
Loop: HL	Elements: 2

User Option (Usage): Used

To specify identifying information

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

Description: Code qualifying the Reference Identification

<u>Code</u>	<u>Name</u>
VN	Vendor Order Number

REF02	127	Reference Identification	M	AN	1/50	Must use
-------	-----	--------------------------	---	----	------	----------

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

REF Reference Information

Pos: 1500	Max: 1
Detail - Conditional	
Loop: HL	Elements: 2

User Option (Usage): Used

To specify identifying information

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

Description: Code qualifying the Reference Identification

<u>Code</u>	<u>Name</u>
IA	Internal Vendor Number

User Note 1:

Vendor number must be sent at either the Shipment or Order level. If sent at this level, number Must be 2 - 6 digits, all numeric, not begin with a zero and must match what was sent on the 850.

REF02	127	Reference Identification	M	AN	2/6	Must use
-------	-----	--------------------------	---	----	-----	----------

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Loop HL

Pos: 0100	Repeat: 200000
Mandatory	
Loop: HL	Elements: N/A

User Option (Usage): Must use

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0100	HL	Hierarchical Level	M	1		Must use
1900	MAN	Marks and Numbers Information	M	1		Must use
0100		Loop HL	M		200000	Must use

HL

Hierarchical Level

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 3

User Option (Usage): Must use

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>	<u>Usage</u>
HL01	628	Hierarchical ID Number	M	AN	1/12	Must use
<p>Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure</p> <p>User Note 1: <i>Hierarchical ID numbers must not begin with a zero</i></p>						
HL02	734	Hierarchical Parent ID Number	M	AN	1/12	Must use
<p>Description: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to</p> <p>User Note 1: <i>Hierarchical ID numbers must not begin with a zero</i></p>						
HL03	735	Hierarchical Level Code	M	ID	1/2	Must use
<p>Description: Code defining the characteristic of a level in a hierarchical structure</p>						

<u>Code</u>	<u>Name</u>
P	Pack

MAN Marks and Numbers Information

Pos: 1900	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 2

User Option (Usage): Must use

To indicate identifying marks and numbers for shipping containers

User Note 1:

If PMMS is the carrier shipping merchandise, send 00000000001111111111 (20 digits)

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
Description: Code specifying the application or source of Marks and Numbers (87)						
		<u>Code</u>		<u>Name</u>		
		CP		Carrier-Assigned Package ID Number		
MAN02	87	Marks and Numbers	M	AN	1/48	Must use
Description: Marks and numbers used to identify a shipment or parts of a shipment						

Loop HL

Pos: 0100	Repeat: 200000
Mandatory	
Loop: HL	Elements: N/A

User Option (Usage): Must use

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0100	HL	Hierarchical Level	M	1		Must use
0200	LIN	Item Identification	M	1		Must use
0300	SN1	Item Detail (Shipment)	M	1		Must use
0700	PID	Product/Item Description	O	3		Used

HL

Hierarchical Level

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 3

User Option (Usage): Must use

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>	<u>Usage</u>
HL01	628	Hierarchical ID Number	M	AN	1/12	Must use
<p>Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure</p> <p>User Note 1: <i>Hierarchical ID numbers must not begin with a zero</i></p>						
HL02	734	Hierarchical Parent ID Number	M	AN	1/12	Must use
<p>Description: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to</p> <p>User Note 1: <i>Hierarchical ID numbers must not begin with a zero</i></p>						
HL03	735	Hierarchical Level Code	M	ID	1/2	Must use
<p>Description: Code defining the characteristic of a level in a hierarchical structure</p>						

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

LIN Item Identification

Pos: 0200	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 7

User Option (Usage): Must use

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>	<u>Usage</u>
LIN01	350	Assigned Identification	O	AN	1/20	Used
		Description: Alphanumeric characters assigned for differentiation within a transaction set				
LIN02	235	Product/Service ID Qualifier	M	ID	2/2	Must use
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		<u>Code</u>		<u>Name</u>		
		EN		EAN/UCC - 13		
				User Note 1:		
				<i>If this qualifier is sent, the EAN number must be 13 digits</i>		
		SK		Stock Keeping Unit (SKU)		
				User Note 1:		
				<i>If sent must be 6 - 9 digits, all numeric and not begin with a zero</i>		
		UP		UCC - 12		
				User Note 1:		
				<i>If this qualifier is sent, the UPC number must be 12 digits</i>		
		VN		Vendor's (Seller's) Item Number		
LIN03	234	Product/Service ID	M	AN	1/48	Must use
		Description: Identifying number for a product or service				
LIN04	235	Product/Service ID Qualifier	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		<u>Code</u>		<u>Name</u>		
		EN		EAN/UCC - 13		
				User Note 1:		
				<i>If this qualifier is sent, the EAN number must be 13 digits</i>		
		SK		Stock Keeping Unit (SKU)		
				User Note 1:		
				<i>If sent must be 6 - 9 digits, all numeric and not begin with a zero</i>		
		UP		UCC - 12		
				User Note 1:		
				<i>If this qualifier is sent, the UPC number must be 12 digits</i>		
		VN		Vendor's (Seller's) Item Number		
LIN05	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
LIN06	235	Product/Service ID Qualifier	X	ID	2/2	Used

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

<u>Code</u>	<u>Name</u>
EN	EAN/UCC - 13 User Note 1: <i>If this qualifier is sent, the EAN number must be 13 digits</i>
SK	Stock Keeping Unit (SKU) User Note 1: <i>If sent must be 6 - 9 digits, all numeric and not begin with a zero</i>
UP	UCC - 12 User Note 1: <i>If this qualifier is sent, the UPC number must be 12 digits</i>
VN	Vendor's (Seller's) Item Number

LIN07 234 **Product/Service ID** X AN 1/48 Used

Description: Identifying number for a product or service

Syntax Rules:

1. P0405 - If either LIN04 or LIN05 is present, then the other is required.
2. P0607 - If either LIN06 or LIN07 is present, then the other is required.
3. P0809 - If either LIN08 or LIN09 is present, then the other is required.

Semantics:

1. LIN01 is the line item identification

SN1 Item Detail (Shipment)

Pos: 0300	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 2

User Option (Usage): Must use

To specify line-item detail relative to shipment

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
Description: Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set						
SN103	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use
Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken						

<u>Code</u>	<u>Name</u>
EA	Each

PID Product/Item Description

Pos: 0700	Max: 3
Detail - Optional	
Loop: HL	Elements: 3

User Option (Usage): Used

To describe a product or process in coded or free-form format

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>
PID01	349	Item Description Type	M	ID	1/1	Must use
		Description: Code indicating the format of a description				
		<u>Code</u>		<u>Name</u>		
		F		Free-form		
PID02	750	Product/Process Characteristic Code	M	ID	2/3	Must use
		Description: Code identifying the general class of a product or process characteristic				
		<u>Code</u>		<u>Name</u>		
		08		Product		
		75		Buyer's Color Description		
		91		Buyer's Item Size Description		
PID05	352	Description	M	AN	1/80	Must use
		Description: A free-form description to clarify the related data elements and their content				

CTT Transaction Totals

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

User Option (Usage): Must use

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>	<u>Usage</u>
CTT01	354	Number of Line Items	M	NO	1/6	Must use

Description: Total number of line items in the transaction set

Comments:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

SE

Transaction Set Trailer

Pos: 0200	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

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

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>
SE01	96	Number of Included Segments	M	NO	1/10	Must use
		Description: Total number of segments included in a transaction set including ST and SE segments				
SE02	329	Transaction Set Control Number	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Comments:

1. SE is the last segment of each transaction set.

Vendor Direct Carrier List

Carrier Name	SCAC (* =Default)	Validation Method, Parameters
AAA Cooper Transportation	*ACT	verifyNDigits, 20
ABF	*ABFS	verifyNDigits, 9
AGS Global	*ASAF	verifyNDigits, 7
AIT	*AITH	verifyNDigits, 7
Addison	*AFDN	verifyNDigits, 9
Airborne Express	*AIRB	verifyNDigits, 11
Airgroup	*AIRG	verifyNDigits, 9
Alvan	*ALVN	verifyNotEmpty
American Carriers	*ACRB	verifyNDigits, 9
American Freightways	*ARFW	verifyNDigits, 9
Averitt	*AVRT	verifyNDigits, 10
Bax Global	*BNAF	verifyNDigits, 9
Bekins	*BVLC	verifyNLettersOrDigits, 6
Bullet Freight	*BLLF	verifyNDigits, 7
CF	*CFWY	verifyNDigits, 9
Cabano Kingsway	*KTAI	verifyNDigits, 9
Canpar	*CNTL	verifyMLettersNDigits, 1, 10
Central Freight Lines	*CENF	verifyNotEmpty
Central Transport	*CTII	verifyNotEmpty
Chris	*CSKL	verifyNDigits, 9
Clark Brothers	*CLBT	verifyNotEmpty
Conway	*CWCE	verifyNDigits, 9
Custom Companies, Inc	*CTBV	verifyNDigits, 8
DATS Trucking In.	*DTST	verifyNDigits, 9
DHL	DHL	verifyNotEmpty
	DHL9	
	DHLX	
	*DHLY	
Dawes	*DAWI	verifyMNDigits, 8, 10
Daylight	*DYLT	verifyNDigits, 8
Dayton	*DAGF	verifyMNDigits, 7, 11
Dugan	*DUGN	verifyNDigits, 10
EMAIL	*ELTR	

Carrier Name	SCAC (*Default)	Validation Method, Parameters
Eagle Global	*EGFV	verifyBetweenMN, 6, 8
Emery	*EWCF	verifyEmery
Estes	*EXLA	verifyNDigits, 10
Exact Express via Yellow	*YFEE	verifyNLettersOrDigits, 10
Exel Direct	*ELGS	verifyNDigits, 7
FedEx	FDE	verifyBetweenMN, 9, 22
	FDE-	
	FDEG	
	FDEN	
	FDEX	
	FEDH	
	*FEDX	
FedEx Freight	*FXFE	verifyBetweenMN, 9, 22
	FXFW	
FedEx Ground	*RPSI	verifyBetweenMN, 9, 22
GI Trucking	*GITC	verifyNDigits, 10
Gold Coast Freightways Inc.	*GLDF	verifyNDigits, 8
Holland Motor Freight	*HMES	verifyNLettersOrDigits, 11
ICAT	*ICAO	verifyBetweenMN, 7, 10
K and R	*KNRQ	verifyMLettersNDigits, 3, 7
Lakeville	*LKVL	verifyNDigits, 10
Land Air	*LAVX	verifyNDigits, 10
Mach 1	*MOAV	verifyMLettersNDigits, 3, 7
Menlo Worldwide Trade Services	*MWTS	verifyNDigits, 10
Midstates	*MSXN	verifyNotEmpty
Motor Cargo	*MTRG	verifyBetweenMN, 9, 11
New England Motor Freight	*NEMF	verifyNotEmpty
North American Van Lines	*NAVL	verifyMLettersNDigits, 2, 4
Old Dominion	*ODFL	verifyNDigits, 11
	OLDD	
Overnite	*OVNT	verifyNDigits, 9
P-Jax	*PJXI	verifyNotEmpty
Parker Motor Freight	*PAMF	verifyNotEmpty
Pilot Air	*PLOQ	verifyNDigits, 9
Pitt Ohio	*PITD	verifyNDigits, 8

Carrier Name	SCAC (* =Default)	Validation Method, Parameters
Purolator	*ENRT	verifyNotEmpty
R and L	*RNLO	verifyNDigits, 9
Roadrunner	*RDFS	verifyMNDigits, 8, 9
Roadway	*RDWY	verifyMNDigits, 9, 10
SAIA	*SAIA	verifyNDigits, 11
STORE	*STOR	
Schneider	*SSYC	verifyNDigits, 11
Service	*SERJ	verifyNotEmpty
Southeastern	*SEFL	verifyMNDigits, 7, 9
Southwest Motor Transport	*SMTL	verifyNDigits, 11
Sureway	*SRWY	verifySureway
The Connection	*CONQ	verifyNotEmpty
Towne Express Freight	*TOWN	verifyNLettersOrDigits, 12
UPS	*UPS	verifyUPS
	UPSN	
	UPTB	
UPS Freight	*UPGF	verifyNLettersOrDigits, 9
USF Redstar	*RSEL	verifyNotEmpty
USFreightways	*USFC	verifyBetweenMN, 8, 11
USPS	APS	verifyUSPS
	PMMS	
	SP01	
	USPP	
	*USPS	
	WPXP	
USPS Priority Mail	*PRRM	verifyNDigits, 9
Viking	*VIKN	verifyNDigits, 9
Vitran Express	*VITR	verifyNDigits, 11
Ward	*WARD	verifyNotEmpty
Watkins Motor Lines	*WWAT	verifyNotEmpty
Watkins-Shepard Lines	*WKSH	verifyMLettersNDigits, 3, 6
Yellow Freight	*YFSY	verifyYellow