



# 856 Ship Notice/Manifest

Functional Group = SH

## Purpose:

This Draft Standard for Trial Use 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.

This document contains only the segments and elements processed by Walker and Associates, Inc.

## Segment Summary:

### Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes
010	ST	Transaction Set Header	M	1		
020	BSN	Beginning Segment for Ship Notice	M	1		
200	DTM	Date/Time Reference	O	10		

### Details:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes
<b>LOOP ID - HL</b>					<b>200000</b>	<b>Shipment</b>
010	HL	Hierarchical Level	M	1		C
110	TD1	Carrier Details (Quantity and Weight)	O	20		
120	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
180	REF	Reference Identification	O	200		
<b>LOOP ID - N1</b>					<b>200</b>	
220	N1	Name	O	1		
240	N3	Address Information	O	2		
250	N4	Geographic Location	O	1		
<b>LOOP ID - HL</b>					<b>200000</b>	<b>Line</b>
010	HL	Hierarchical Level	M	1		C
020	LIN	Item Identification	O	1		
030	SN1	Item Detail (Shipment)	O	1		
050	PRF	Purchase Order Reference	O	1		
070	PID	Product/Item Description	O	200		
180	REF	Reference Identification	O	200		

**Summary:**

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

**Notes:**

3/010 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: 010	Max: 1
Heading - Mandatory	
Loop: N/A	Elms: 2

## Purpose:

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>
01	143	Transaction Set Identifier Code	M	ID	3/3	Used
02	329	Transaction Set Control Number	M	AN	4/9	Used

# BSN Beginning Segment for Ship Notice

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

## Purpose:

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>
01	353	Transaction Set Purpose Code	M	ID	2/2	Used
02	396	Shipment Identification	M	AN	2/30	Used
03	373	Date	M	DT	8/8	Used
04	337	Time	M	TM	4/8	Used

## Comments:

BSN02 is a unique shipment number such as the packing slip number

BSN03 is the date the shipment transaction set is created.

BSN04 is the time the shipment transaction set is created.

# DTM Date/Time Reference

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

## Purpose:

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>
01	374	Date/Time Qualifier	M	ID	3/3	Used
02	373	Date	C	DT	8/8	Used

## Comments:

DTM01 = 011

DTM02 = Shipment date

# HL

## Hierarchical Level – Shipment Level

Pos: 010	Max: 1
Detail - Mandatory	
Loop: HL	Elms: 4

### Purpose:

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>
01	628	Hierarchical ID Number	M	AN	1/12	Used
02	734	Hierarchical Parent ID Number	O	AN	1/12	Used
03	735	Hierarchical Level Code	M	ID	1/2	Used
04	736	Hierarchical Child Code	O	ID	1/1	Used

# TD1

## Carrier Details (Quantity and Weight)

Pos: 110	Max: 20
Detail - Optional	
Loop: HL	Elms: 10

### Purpose:

To specify the transportation details relative to commodity, weight, and quantity

### 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>
01	103	Packaging Code	O	AN	3/5	Used
02	80	Lading Quantity	C	N0	1/7	Used
07	81	Weight	C	R	1/10	Used
08	355	Unit or Basis for Measurement Code	C	ID	2/2	Used

# TD5

## Carrier Details (Routing Sequence/Transit Time)

Pos: 120	Max: 12
Detail - Optional	
Loop: HL	Elms: 5

### Purpose:

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>	<u>Usage</u>
01	133	Routing Sequence Code	O	ID	1/2	Used
02	66	Identification Code Qualifier	C	ID	1/2	Used
03	67	Identification Code	C	AN	2/80	Used
05	387	Routing	C	AN	1/35	Used

### Comments:

TD501 = B Origin / Delivery Carrier (Any Mode)

TD502 = 2 Standard Carrier Alpha Code

#### TD503 CODES FOR WALKER & ASSOCIATES, INC.

<b>CWCE</b>	Conway Central Express	Truck Carriers
<b>UPSN</b>	United Parcel Service	Small Package Carrier
<b>FDEX</b>	Federal Express	Small Package Carrier
<b>UPSF</b>	UPS Supply Chain Solutions	Air Carrier

# REF

## Reference Identification

Pos: 150	Max: >1
Detail - Optional	
Loop: HL	Elms: 3

### Purpose:

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>
01	128	Reference Identification Qualifier	M	ID	2/3	Used
02	127	Reference Identification	C	AN	1/30	Used
03	352	Description	C	AN	1/80	Used

### Comments:

Occurs five to six times depending on Purchase Order type

REF01 = SI REF02 = Shipment number

REF01 = BM REF02 = Bill of Lading #

REF01 = PO REF02 = Walker Purchase Order Number

REF01 = OQ REF02 = Shipper's order number

REF01 = CO REF02 Customer's Order Number (**DROP SHIPMENTS ONLY**)

REF01 = CN REF02 ProNumber (Carrier's Reference #)

# N1

## Name

Pos: 220	Max: 1
Detail - Optional	
Loop: N1	Elms: 6

### Purpose:

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>
01	98	Entity Identifier Code	M	ID	2/3	Used
02	93	Name	C	AN	1/60	Used
03	66	Identification Code Qualifier	C	ID	1/2	Used
04	67	Identification Code	C	AN	2/80	Used
05	706	Entity Relationship Code	O	ID	2/2	Used
06	98	Entity Identifier Code	O	ID	2/3	Used

### Comments:

N101 = SF Ship from Address (Supplier's Warehouse location)

N101 = ST Ship to Address (for Drop Shipments, this should be the customer's address where the material was shipped)

# N3

## Address Information

Pos: 240	Max: 2
Detail - Optional	
Loop: N1	Elms: 2

### Purpose:

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>
01	166	Address Information	M	AN	1/55	Used
02	166	Address Information	O	AN	1/55	Used

# N4

## Geographic Location

Pos: 250	Max: 1
Detail - Optional	
Loop: N1	Elms: 4

### Purpose:

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>
01	19	City Name	O	AN	2/30	Used
02	156	State or Province Code	O	ID	2/2	Used
03	116	Postal Code	O	ID	3/15	Used
04	26	Country Code	O	ID	2/3	Used

# HL

## Hierarchical Level – Line Level

Pos: 010	Max: 1
Detail - Mandatory	
Loop: HL	Elms: 4

### Purpose:

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>
01	628	Hierarchical ID Number	M	AN	1/12	Used
02	734	Hierarchical Parent ID Number	O	AN	1/12	Used
03	735	Hierarchical Level Code	M	ID	1/2	Used
04	736	Hierarchical Child Code	O	ID	1/1	Used

# LIN

## Item Identification

Pos: 020	Max: 1
Detail - Optional	
Loop: HL	Elms: 5

### Purpose:

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>
01	350	Assigned Identification	O	AN	1/20	Used
02	235	Product/Service ID Qualifier	M	ID	2/2	Used
03	234	Product/Service ID	M	AN	1/48	Used
04	235	Product/Service ID Qualifier	C	ID	2/2	Used
05	234	Product/Service ID	C	AN	1/48	Used

### Comments:

LIN01 = Walker Purchase Order Line Number  
LIN02 = IN      LIN03 = Walker Part number  
LIN04 = SN      LIN05 = Serial Number

# SN1 Item Detail (Shipment)

Pos: 030	Max: 1
Detail - Optional	
Loop: HL	Elms: 3

## Purpose:

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>
01	350	Assigned Identification	O	AN	1/20	Used
02	382	Number of Units Shipped	M	R	1/10	Used
03	355	Unit or Basis for Measurement Code	M	ID	2/2	Used

## Comments:

SN101 Walker Purchase Order Schedule Number

# PRF Purchase Order Reference

Pos: 050	Max: 1
Detail - Optional	
Loop: HL	Elms: 7

## Purpose: To identify Customer order information REQUIRED FOR DROP SHIPMENTS ONLY

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>
01	324	Purchase Order Number	M	AN	1/22	Used
02	328	Release Number	O	AN	1/30	Used
03	327	Change Order Sequence Number	O	AN	1/8	Used
04	373	Date	O	DT	8/8	Used
05	350	Assigned Identification	O	AN	1/20	Used
06	367	Contract Number	O	AN	1/30	Used
07	92	Purchase Order Type Code	O	ID	2/2	Used

## Comments:

PRF04 is the date assigned by the purchaser to purchase order.

PRF05 is the Walker Purchase order line number

PRF07 = DS for dropped shipments and the PRF contains the Customer's PO number and the Customer's PO line number if known.

# PID Product/Item Description

Pos: 070	Max: 200
Detail - Optional	
Loop: HL	Elms: 5

## Purpose:

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>
01	349	Item Description Type	M	ID	1/1	Used
05	352	Description	C	AN	1/80	Used

## Comments:

PID01 = F (Free Form)

PID05 = Description of purchase

# REF Reference Identification

Pos: 150	Max: >1
Detail - Optional	
Loop: HL	Elms: 3

## Purpose:

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>
01	128	Reference Identification Qualifier	M	ID	2/3	Used
02	127	Reference Identification	C	AN	1/30	Used
03	352	Description	C	AN	1/80	Used

## Comments:

REF01 = CN REF02 ProNumber (Carrier's Reference #)

# CTT Transaction Totals

Pos: 010	Max: 1
Summary - Optional	
Loop: N/A	Elms: 7

## Purpose:

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>
01	354	Number of Line Items	M	N0	1/6	Used

# SE Transaction Set Trailer

Pos: 020	Max: 1
Summary - Mandatory	

**Purpose:**

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>
01	96	Number of Included Segments	M	N0	1/10	Used
02	329	Transaction Set Control Number	M	AN	4/9	Used

**Comments:**

SE is the last segment of each transaction set.