



RANDOM HOUSE, INC.

EDI 856 Ship Notice/Manifest X12 Version 4010 Implementation Guide

Effective: 05-16-2004



856 Ship Notice/Manifest

ST Transaction Set Header

Indicates the start of a transaction set and assigns a control number.

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>
ST01	143	Transaction Set Identifier Code 856 Ship Notice/Manifest
ST02	329	Transaction Set Control Number Assigned sequentially by the sender to uniquely identify the transaction set

BSN Beginning Segment for Ship Notice/Manifest

To transmit identifying numbers, dates, and other basic data relating to the Ship Notice/Manifest.

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>
BSN01	353	Transaction Set Purpose Code 00 Original
BSN02	396	Shipment Identification Random House Delivery Number
BSN03	373	Date Date Ship Notice/Manifest created Format is CCYYMMDD
BSN04	337	Time Time Ship Notice/Manifest created Format is HHMM
BSN05	373	Hierarchical Structure 0001 Shipment, Order, Packaging, Item



HL Hierarchical Level for Shipment

To identify dependencies among and the content of the hierarchically related groups of data segments at the Shipment level.

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>
HL01	628	Hierarchical ID Number Sequential counter starting at 1 for Shipment. Continues counting for each HL01 element in the Ship Notice/Manifest.
HL02	734	Hierarchical Parent ID Number Not used in Shipment Level HL. Shipment is the highest HL level.
HL03	735	Hierarchical Level Code S = Shipment

TD1 Carrier Details (Quantity and Weight)

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

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>
TD101	103	Packaging Code CTN25 Carton, corrugated
TD102	80	Lading Quantity Number of Cartons in Shipment
TD106	187	Weight Qualifier G = Gross Weight
TD107	81	Weight Shipment Weight, in pounds
TD108	355	Unit or Basis for Measurement Code LB = Pounds



TD5 Carrier Details (Routing Sequence/Transit Time)

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

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>
TD501	133	Routing Sequence Code B = Origin/Delivery Carrier (Any mode)
TD502	66	Identification Code Qualifier 2 = SCAC = Standard Carrier Alpha Code
TD503	67	Identification Code SCAC Code
TD504	91	Transportation Method/Type Code M = Motor
TD505	387	Routing Free Form Description of Motor Carrier

REF Reference Identification

To specify identifying information.

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>
REF01	128	Reference Identification Qualifier BM = Random House Delivery Number CN = PRO Number
REF02	127	Reference Identification Random House Delivery Number PRO Number



PER Administrative Communications Contact

To identify a person or office to whom administrative communications should be directed. You must arrange for this with us for your company. This segment is not automatically included in the Ship Notice/Manifest.

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>
PER01	366	Contact Function Code CR = Customer Relations
PER02	93	Name The name of the person designated to handle administrative questions specifically with your company and this Ship Notice/Manifest. This must be requested by your company. This segment is not automatically included.
PER03	365	Communication Number Qualifier TE = Telephone
PER04	364	Communication Number Telephone Number

DTM Date/Time Reference

To specify pertinent dates and times.

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>
DTM01	374	Date/Time Qualifier 011 = Date Shipped
DTM02	373	Date Date Shipped in format CCYYMMDD



N1 Name

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

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>
N101	98	Entity Identifier Code ST = Ship To SF = Shipped From
N102	93	Name For N101 = SF this will be Random House For any other N101, this element will not be sent.
N103	66	Identification Code Qualifier 15 = Standard Address Number (SAN)
N104	67	Identification Code This is the location code as defined by N103. ST (Ship-to) identifier -- the customer SAN received in the 850-N104 is provided. SF (Ship-from) identifier – this segment is not sent.

HL Hierarchical Level for Order

To identify dependencies among and the content of the hierarchically related groups of data segments at the Order level.

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>
HL01	628	Hierarchical ID Number Sequential counter for each HL01 in the Ship Notice/Manifest.
HL02	734	Hierarchical Parent ID Number The HL01 Sequential Counter Number of the Parent Shipment for this Order.
HL03	735	Hierarchical Level Code O = Order



PRF Purchase Order Reference

To provide reference to a specific purchase order.

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>
PRF01	324	Purchase Order Number Customer's Purchase Order Number as received in the 850-BEG03.

TD1 Carrier Details (Quantity and Weight)

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

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>
TD101	103	Packaging Code CTN25 = Cartons, corrugated
TD102	80	Lading Quantity Number of cartons in the order.

N1 Name

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

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>
N101	98	Entity Identifier Code BY = Buying Party (Purchaser)
N103	66	Identification Code Qualifier 15 = SAN Number
N104	67	Identification Code SAN Number (Same one as at Shipment level N104)



HL Hierarchical Level for Pallet

To identify dependencies among and the content of the hierarchically related groups of data segments at the Pallet or Tare level. If a pallet has a non-scannable, Random House proprietary pallet ID, then pallet level HL data will not be provided. Cartons on such a pallet will appear in the Ship Notice/Manifest as if they were individual cartons. If a pallet has a scannable UCC-128 barcode then pallet level data will be provided here.

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>
HL01	628	Hierarchical ID Number Sequential counter for each HL01 in the Ship Notice/Manifest.
HL02	734	Hierarchical Parent ID Number The HL01 Sequential Counter Number of the Parent Order for this Pallet.
HL03	735	Hierarchical Level Code T = Pallet/Tare

MAN Marks and Numbers

To indicate identifying marks and numbers for shipping containers.

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>
MAN01	88	Marks and Numbers qualifier. GM = Barcode
MAN02	87	Marks and Numbers. Barcode (UCC-128)



HL Hierarchical Level for Carton

To identify dependencies among and the content of the hierarchically related groups of data segments at the Carton level.

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>
HL01	628	Hierarchical ID Number Sequential counter for each HL01 in the Ship Notice/Manifest.
HL02	734	Hierarchical Parent ID Number The HL01 Sequential Counter Number of the Parent Pallet for this Carton, if the Parent Pallet had a UCC-128 scannable barcode. Otherwise, this element will contain the Sequential Counter Number of the Order for this Carton.
HL03	735	Hierarchical Level Code P = Package (Carton)

MAN Marks and Numbers

To indicate identifying marks and numbers for shipping containers.

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>
MAN01	88	Marks and Numbers qualifier. GM = Barcode
MAN02	87	Marks and Numbers. Barcode (UCC-128)



HL Hierarchical Level for Item

To identify dependencies among and the content of the hierarchically related groups of data segments at the Item level.

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>
HL01	628	Hierarchical ID Number Sequential counter for each HL01 in the Ship Notice/Manifest.
HL02	734	Hierarchical Parent ID Number The HL01 Sequential Counter Number of the Parent Carton for this Item. If the Item is part of a Full Carton Pallet (all Items are the same), then this element will be the Sequential Counter Number of the Pallet.
HL03	735	Hierarchical Level Code I = Item

LIN Item Identification

To specify basic item identification data.

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>
LIN02	235	Product/Service ID Qualifier IB = ISBN
LIN03	234	Product/Service ID ISBN



SN1 Item Detail

To specify line-item detail relative to shipment.

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>
SN102	382	Number of Units Shipped If Carton HL exists, this element is the number of Items in the carton. If a Pallet HL is directly before this Item level, this element is the number of Items on the entire Full Carton Pallet.
SN103	355	Unit or Basis for Measurement Code EA = Each

SLN Subline Item Detail

To specify product subline detail item data.

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>
SLN01	350	Assigned Identification 1 = Always the number 1.
SLN03	662	Relationship Code. O = Information only.
SLN06	212	Unit Price List price of the Item.
SLN07	639	Basis of Unit Price code. PE = Price Each

SE Transaction Set Trailer

Indicates the end of the transaction set and provides a count of the transmitted segments, including the beginning ST and ending SE segments.

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>
SE01	96	Number of Included Segments Total number of records in the transaction
SE02	329	Transaction Set Control Number Sequential number assigned by the sender; will be the same as the control number in ST02



Sample 856 Transaction:

A carton with 24 copies of ISBN 0736420908 under PO 510530

**A carton with 24 copies of ISBN 0736420908 and
A full carton pallet with 4320 copies of ISBN 0307104826
Both under PO 510545**

ISA*00* *00* *01*2013975 *01*62159901 *040121*1413*U*00400*000000060*0*
T*>
GS*SH*2013975*62159901*20040121*1413*60*X*004010
ST*856*0001
BSN*00*0087668770*20040121*1413*0001
HL*1**S
TD1*CTN25*24****G*295.15625*LB
TD5*B*2*ODFL*M###5D
REF*BM*0087668770
REF*CN*TQS040106335218
PER*CR*Scott Smith*TE*410-386-3872
DTM*011*20040113
N1*ST**15*1691260
N1*SF*RANDOM HOUSE
HL*2*1*O
PRF*510530
TD1*CTN25*1
N1*BY**15*1691260
HL*3*2*P
MAN*GM*00000798089040037229
HL*4*3*I
LIN**IB*0736420908
SN1**24*EA
HL*5*1*O
PRF*510545
TD1*CTN25*23
N1*BY**15*1691260
HL*6*5*P
MAN*GM*00000798089040037199
HL*7*6*I
LIN**IB*0736420908
SN1**24*EA
HL*8*5*T
MAN*GM*00100798083801735307
HL*9*8*I
LIN**IB*0307104826
SN1**4320*EA
CTT*3*4368
SE*34*0001
GE*1*60
IEA*1*000000060