



856 Ship Notice/Manifest – (004050VICS) Revised: August 2008 version 4.5.04

Functional Group ID = 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.

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EDI 856 Mapping Summary

SEGMENTS	MANDATORY/ REQUIRED/ OPTIONAL	MAXIMUM USE	LOOP REPEAT
Header			
ST	M	1	
BSN	M	1	
Details			
Shipment (S) Loop			1
HL	M	1	
TD1	M	1	
TD5	M	1	
REF	M	1	
DTM	M	2	
FOB	O	1	
N1 Loop			4
N1	M	1	
N3	O	1	
N4	M	1	
Order (O) Loop			200000
HL	M	1	
PRF	M	1	
PID	O	1	
TD1	O	1	
REF	O	1	
N1	O	1	
Pack (P) Loop			200000
HL	M	1	
REF	O	1	
MAN	M	1	
Item (I) Loop			200000
HL	M	1	
LIN	M	1	
SN1	M	1	
Summary			
LOOP ID – CTT			1
CTT	M	1	
SE	M	1	

Advance Shipment Notice – Header Level

ST - Transaction Set Header

Level : Header
 Loop : None
 Usage : Mandatory
 Max Use : 1
 Purpose : To indicate the start of a transaction set and to assign a control number.

Data Element Summary

REL#-ANSI#	Data Element Name	Attribute	Description/Comments
1-143	Transaction Set Identifier Code	M ID 3/3	Ship Notice / Manifest
2-329	Transaction Set Control Number	M AN 4/9	This number is sequentially assigned by the sender, starting from one within each functional group.

Notes: Please refer to Data Element Summary

1. Values for Transaction Set Identifier Code
 - a. '856' - Advance Shipment Notice

BSN - Beginning Segment for Ship Notice

Level : Header
 Loop : None
 Usage : Mandatory
 Max Use : 1
 Purpose : To transmit identifying numbers, dates, and other basic data relating to the transaction set.

Data Element Summary

REL#-ANSI#	Data Element Name	Attribute	Description/Comments
1-353	Transaction Set Purpose Code	M ID 2/2	Code identifying the purpose of the transaction set. <i>(Note 1)</i>
2-396	Shipment Identification	M AN 2/30	A unique control number assigned by the original shipper to identify a specific shipment.
3-373	Date	M DT 8/8	Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year.
4-337	Time	M TM 4/6	Transmission Time expressed in 24-hour clock time as follows HHMMSS, where H = hours (00-23), M = minutes (00-59) S = seconds (00-59)
5-1005	Hierarchical Structure Code	O ID 4/4	Code indicating the hierarchical application structure of a transaction set that utilizes the HL segment to define the structure of the transaction set. <i>(Note 2)</i>

Notes: Please refer to Data Element Summary

1. **Transaction Set Purpose Code**
 - a. '00' - Original
 - b. '07' - Duplicate

2. **Hierarchical Structure Code**
 - a. '0001' - Shipment, Order, Pack, Item

Advance Shipment Notice – Shipment Level

HL - Hierarchical Level

Level : Detail - Shipment
 Loop : HL Usage: Mandatory Max Use: 1
 Usage : Mandatory
 Max Use : 1
 Purpose : To identify dependencies among and the content of hierarchically related groups of data segments.

Data Element Summary

REL#-ANSI#	Data Element Name	Attribute	Description/Comments
1-628	Hierarchical ID Number	M AN 1/12	A unique number assigned by the sender to identify a particular data segment in a hierarchical structure. The value for this level (shipment) is 1. <i>(Note 1)</i>
2-734	Hierarchical Parent ID Number	O AN 1/12	Not Used.
2-735	Hierarchical Level Code	M ID 1/2	Code defining the characteristic of a level in a hierarchical structure. <i>(Note 2)</i>

Notes: Please refer to Data Element Summary

1. Value for Hierarchical ID Number
 - a. '1' - Value at Shipment Level
2. Value for Hierarchical Level Code
 - a. 'S' - Shipment

TD1 - Carrier Details (Quantity and Weight)

Level : Detail - Shipment
 Loop : HL
 Usage : Mandatory
 Max Use : 1
 Purpose : To specify the transportation details relative to commodity, weight, and quantity.

Data Element Summary

REL#-ANSI#	Data Element Name	Attribute	Description/Comments
1-103	Packaging Code	O AN 3/5	Code identifying the type of packaging. <i>(Note 1)</i>
2-80	Lading Quantity	X N0 1/7	Number of units (pieces) of the lading commodity. The number of packages in the shipment as described in TD101.
3-23	Commodity Code Qualifier	O ID 1/1	Not Used.
4-22	Commodity Code	X AN 1/30	Not Used.
5-79	Lading Description	O AN 1/50	Not Used.
6-187	Weight Qualifier	O ID 1/2	G = Gross Weight
7-81	Weight	X R 1/10	Numeric Value of weight
8-355	Unit or Basis for Measurement Code	X ID 2/2	Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken. <i>(Note 2)</i>

Notes: Please refer to Data Element Summary

1. **Values for Packaging Code**
 - a. 'CTN25' - Carton
2. **Unit or Basis for Measurement Code**
 - b. 'LB' - Pound

TD5 - Carrier Details (Routing Sequence/Transit Time)

Level : Detail - Shipment
 Loop : HL
 Usage : Optional
 Max Use : 1
 Purpose : To specify the carrier, sequence of routing and to provide transit time information.

Data Element Summary

REL#-ANSI#	Data Element Name	Attribute	Description/Comments
1-133	Routing Sequence Code	O ID 1/2	Code describing the relationship of a carrier to a specific shipment movement.
2-66	Identification Code Qualifier	C ID 1/2	Code designating the system/method of code structure used for Identification code 67. (Note 1)
3-67	Routing Sequence Code	C AN 4/4	SCAC code required.
4-91	Transportation Method/Type Code	C ID 1/2	Code specifying the method or type of transportation for the shipment.
5-387	Routing	C AN 1/35	The carrier's name.

Notes: Please refer to Data Element Summary

- 1. **Identification Code Qualifier**
 - a. '2' - Standard Carrier Alpha Code (SCAC)

REF - Reference Identification

Level : Detail - Shipment
 Loop : HL
 Usage : Mandatory
 Max Use : 1
 Purpose : To specify identifying information.

Data Element Summary

REL#-ANSI#	Data Element Name	Attribute	Description/Comments
1-128	Reference Identification Qualifier	M ID 2/3	Code qualifying the Reference Identification. <i>(Note 1)</i>
2-127	Reference Identification	X AN 1/50	Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier.

Notes: Please refer to Data Element Summary

1. **Reference Identification Qualifier**
 - a. 'CN' - Carrier's Reference Number (PRO# or Tracking#)
 - b. 'BM' - Bill of Lading Number

DTM - Date/Time Reference

Level : Detail – Shipment
 Loop : HL
 Usage : Mandatory
 Max Use : 2
 Purpose : To identify pertinent dates and times.

Data Element Summary

REL#-ANSI#	Data Element Name	Attribute	Description/Comments
1-374	Date/Time Qualifier	M ID 3/3	Code specifying type of date or time, or both date and time. <i>(Note 1 and 2)</i>
2-373	Date	X DT 8/8	Date expressed as CCYYMMDD where CC represents the first two digits of the calendar Year.

Notes: Please refer to Data Element Summary

1. **Date/Time Qualifier**
 - a. '011' - Shipped Date
 - b. '067' - Current Schedule Delivery
2. **At least one occurrence is required with DTM01 = '011'**

FOB - F.O.B. Related Instructions

Level : Detail - Shipment
 Loop : HL
 Usage : Optional
 Max Use : 1
 Purpose : To specify transportation instructions relating to shipment.

Data Element Summary

REL#-ANSI#	Data Element Name	Attribute	Description/Comments
1-146	Shipment Method of Payment	M ID 2/2	Code identifying payment terms for transportation charges. <i>(Note 1)</i>
2-309	Location Qualifier	O ID 1/2	Code identifying type of location <i>(Note 2)</i>
3-352	Description	O AN 1/10	A free-form description to clarify the related data elements and their content. A 10 character code name for FOB port

Notes: Please refer to Data Element Summary

1. Payment Terms

- a. 'CC' - Collect
- b. 'PP' - Prepaid
- c. 'TP' - Third Party Pay
- d. 'BP' - Paid by Buyer

2. Location Qualifier

- a. 'ZZ' - Mutually Defined
- b. 'OR' - Origin (Shipping Point)

N1 - Party Identification (Ship-From, Ship-To)

Level : Detail - Shipment
 Loop : HL/N1 Usage: Mandatory Max Use: 4
 Usage : Mandatory
 Max Use : 1
 Purpose : To specify a location of the named party.

Data Element Summary

REL#-ANSI#	Data Element Name	Attribute	Description/Comments
1-98	Entity Identifier Code	M AN 2/3	Code identifying an organizational entity, a physical location, property or an individual (Note 1)
2-93	Name	O AN 1/45	Free-form name
3-66	Identification Code Qualifier	X ID 1/2	Code describing entity relationship. (Note 2)
4-67	Identification Code	X AN 2/80	A code identifying the Store or Final Destination (Note 3)

Notes: Please refer to Data Element Summary

1. Entity Identifier Code

- a. 'SF' - Ship From
- b. 'BS' - Bill and Ship To
- c. 'ST' - Ship To (Use only for Drop Ship)

2. Identification Code Qualifier

- a. '92' - Assigned by buyer or buyer's agent.

3. Elements 3 and 4 are required when Entity Identifier Code is 'BS'. This code should be the same code found in EDI850 document of the corresponding N1 segment.

N3 - Party Location

Level : Detail - Shipment
 Loop : N1 Usage: Max Loop Use:
 Usage : Optional
 Max Use : 1
 Purpose : To specify a location of the named party.

Data Element Summary

REL#-ANSI#	Data Element Name	Attribute	Description/Comments
1-166	Address Information 1	M AN 1/45	First address line
2-166	Address Information 2	O AN 1/45	Second address line

N4 - Geographic Location

Level : Detail - Shipment
 Loop : N1 Usage: Mandatory Max Loop Use:
 Usage : Optional
 Max Use : 1
 Purpose : To specify a location of the named party.

Data Element Summary

REL#-ANSI#	Data Element Name	Attribute	Description/Comments
1-19	City Name	M AN 2/30	Free form text for City Name
2-156	State or Province Code	X ID 2/2	Code as defined by appropriate government agency
3-116	Postal Code	O ID 3/15	Code defining International Postal Zone Code excluding punctuation and blanks.
4-26	Country Code	X ID 2/3	Code Identifying the Country (Country Code – See Appendix B)

Advance Shipment Notice – Order Level

HL - Hierarchical Level

Level : Detail - Order
 Loop : HL Usage: Mandatory Max Use: 200000
 Usage : Mandatory
 Max Use : 1
 Purpose : To identify dependencies among and the content of hierarchically related groups of data segments.

Data Element Summary

REL#-ANSI#	Data Element Name	Attribute	Description/Comments
1-628	Hierarchical ID Number	M AN 1/12	A unique number assigned by the sender to identify a particular data segment in a hierarchical structure.
2-734	Hierarchical Parent ID Number	O AN 1/12	Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to.
3-735	Hierarchical Level Code	M ID 1/2	Code defining the characteristic of a level in a hierarchical structure. <i>(Note 1)</i>

Notes: Please refer to Data Element Summary

1. Hierarchical Level Code
 - a. 'O' - Order

PRF - Purchase Order Reference

Level : Detail - Order
 Loop : HL Usage: Max Loop Use:
 Usage : Mandatory
 Max Use : 1
 Purpose : To provide a reference to a specific purchase order

Data Element Summary

REL#-ANSI#	Data Element Name	Attribute	Description/Comments
1-324	Purchase Order Number	M AN 1/22	Purchase Order Number
2-328	Release Number	O AN 1/30	Not Used.
3-327	Change Order Sequence Number	O AN 1/8	Not Used.
4-373	Date	O DT 8/8	
5-350	Assigned Identification	O AN 1/20	Not Used.
6-367	Contract Number	O AN 1/30	Not Used.
7-92	Purchase Order Type Code	O ID 2/2	Code Specifying the type of Purchase Order. <i>(Note 1)</i>

Notes: Please refer to Data Element Summary

1. The value here would be the same value found in BEG02 of the EDI850 document. (For Drop Ship only)

PID - Product/Item Description (Quality)

Level : Detail - Order
 Loop : HL Usage: Max Loop Use:
 Usage : Optional
 Max Use : 1
 Purpose : To describe a product or process in coded or free-form format.

Data Element Summary

REL#-ANSI#	Data Element Name	Attribute	Description/Comments
1-349	Item Description	M AN 1/1	Code indicating the format of a description. <i>(Note 1)</i>
2-750	Product/Process Characteristic Code	O ID 2/3	Not used
3-559	Agency Qualifier Code	X ID 2/2	'VI' VICS
4-751	Product Description Code	X AN 1/2	'FL' Compliant with Fair Labor Standards Act
5-352	Description	X AN 1/80	A free-form description to clarify the related data elements and their content

Notes: Please refer to Data Element Summary

1. Value for Item Description Type
 - a. 'S' - Structured

TD1 - Carrier Details (Quantity and Weight)

Level : Detail - Order
 Loop : HL
 Usage : Optional
 Max Use : 1
 Purpose : To specify the transportation details relative to commodity, weight, and quantity.

Data Element Summary

REL#-ANSI#	Data Element Name	Attribute	Description/Comments
1-103	Packaging Code	O AN 3/5	'CTN25'
2-80	Lading Quantity	X N0 1/7	Number of units (pieces) of the lading commodity. The number of packages in the order as described in TD101.

REF - Reference Identification

Level : Detail - Order
 Loop : HL
 Usage : Optional
 Max Use : 1
 Purpose : To specify identifying information.

Data Element Summary

REL#-ANSI#	Data Element Name	Attribute	Description/Comments
1-128	Reference Identification Qualifier	M ID 2/3	Code qualifying the Reference Identification. <i>(Note 1)</i>
2-127	Reference Identification	X AN 1/50	Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier.

Notes: Please refer to Data Element Summary

1. Reference Identification Qualifier

- a. 'IV' - Sellers Invoice
- b. 'SW' - Fortunoff's Sales check number (Required only for drop ship ASN, the value here would be the same value found in the REF segment of our EDI 850 document)

N1 - Party Identification (Buyer)

Level : Detail - Order
 Loop : HL/N1
 Usage : Optional
 Max Use : 1
 Purpose : To specify a location of the named party.

Data Element Summary

REL#-ANSI#	Data Element Name	Attribute	Description/Comments
1-98	Entity Identifier Code	M AN 2/3	Code identifying an organizational entity, a physical location, property or an individual (Note 1)
2-93	Name	O AN 1/45	Free-form name
3-66	Identification Code Qualifier	O AN 1/2	Code describing entity relationship (Note 2)
4-67	Name	O AN 2/80	A code identifying the Store or Final Destination (note 3)

Notes: Please refer to Data Element Summary

1. **Entity Identifier Code**
 - a. 'BT' - Bill To
2. **Identification Code Qualifier**
 - b. '92' - Assigned by buyer or buyer's agent.
3. Elements 3 and 4 are required when Entity Identifier Code is 'BT'. This code should be the same code found in EDI850 document of the corresponding N1 segment.
4. This segment is required when there is a N1 segment with N101 = 'ST' in the HL-Shipment level

Advance Shipment Notice – Pack Level

HL - Hierarchical Level

Level : Detail - Pack
 Loop : HL Usage: Mandatory Max Use: 200000
 Usage : Mandatory
 Max Use : 1
 Purpose : To identify dependencies among and the content of hierarchically related groups of data segments.

Data Element Summary

REL#-ANSI#	Data Element Name	Attribute	Description/Comments
1-628	Hierarchical ID Number	M AN 1/12	A unique number assigned by the sender to identify a particular data segment in a hierarchical structure.
2-734	Hierarchical Parent ID Number	O AN 1/12	Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to.
3-735	Hierarchical Level Code	M ID 1/2	Code defining the characteristic of a level in a hierarchical structure <i>(Note 1)</i>

Notes: Please refer to Data Element Summary

1. Value for the Hierarchical Level Code
 - a. 'P' - Pack

REF - Reference Identification

Level : Detail - Pack
 Loop : HL
 Usage : Optional
 Max Use : 1
 Purpose : To specify identifying information.

Data Element Summary

REL#-ANSI#	Data Element Name	Attribute	Description/Comments
1-128	Reference Identification Qualifier	M ID 2/3	Code qualifying the Reference Identification. <i>(Note 1)</i>
2-127	Reference Identification	X AN 1/50	Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier.

Notes: Please refer to Data Element Summary

1. Reference Identification Qualifier

- a. '2I' - UPS Tracking Number (For UPS shipment only)

MAN - Marks and Numbers (UCC Label and Carton Number)

Level : Detail - Pack
 Loop : MAN Usage: Mandatory Max Loop Use:
 Usage : Mandatory
 Max Use : 1
 Purpose : To indicate identifying marks and numbers for shipping containers.

Data Element Summary

REL#-ANSI#	Data Element Name	Attribute	Description/Comments
1-88	Marks and Number Qualifier	M ID 1/2	Code Specifying the application or source of Marks and Numbers (87) (Note 1)
2-87	Marks and Numbers	M AN 1/48	Marks and numbers used to identify a shipment or parts of a shipment (Note 2)

Notes: Please refer to Data Element Summary

1. Values for Marks and Number Qualifier

- a. 'GM' - UCC/EAN-128 Serial Shipping Container Code (Element 1-88)

Advance Shipment Notice – Item Level

HL - Hierarchical Level

Level : Detail - Item
 Loop : HL Usage: Mandatory Max Use: 200000
 Usage : Mandatory
 Max Use : 1
 Purpose : To identify dependencies among and the content of hierarchically related groups of data segments.

Data Element Summary

REL#-ANSI#	Data Element Name	Attribute	Description/Comments
1-628	Hierarchical ID Number	M AN 1/12	A unique number assigned by the sender to identify a particular data segment in a hierarchical structure.
2-734	Hierarchical Parent ID Number	O AN 1/12	Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to.
3-735	Hierarchical Level Code	M ID 1/2	Code defining the characteristic of a level in a hierarchical structure (<i>Note 1</i>)

Notes: Please refer to Data Element Summary

1. Value for the Hierarchical Level Code
 - b. 'I' - Item

LIN - Item Identification (Style / Size / EAN/UCC)

Level : Detail - Item
 Loop : HL Usage: Max Loop Use:
 Usage : Mandatory
 Max Use : 1
 Purpose : To specify basic item identification data.

Data Element Summary

REL#-ANSI#	Data Element Name	Attribute	Value	Description/Comments
1-350	Assigned Identification	R AN 1/3		PO Line number (<i>Note 2</i>)
2-235	Product / Service ID Qualifier	X ID 2/2	'IN'	Fortunoff SKU Number
3-234	Product / Service ID	X AN 1/48		SKU Number (10 Digits)
4-235	Product / Service ID Qualifier	X ID 2/2	'UP'	UPC Number Identifier
5-234	Product / Service ID	X AN 1/48		UPC Number (12 Digits)
6-235	Product / Service ID Qualifier	X ID 2/2	'EN'	European Article Nymber
7-234	Product / Service ID	X AN 1/20		EAN Number (13 Digits)
8-235	Product / Service ID Qualifier	X ID 2/2	'UK'	GTIN Number
9-234	Product / Service ID	X AN 1/20		GTIN Number (14 Digits)

Notes: Please refer to Data Element Summary

1. **Product / Service ID Qualifier Element**
 - a. A pair of 'IN' and 'UP' must be send.
2. The corresponding PO Line number has to be exactly the same 3 character found in PO101 of the EDI850 document

SN1 - Item Detail (Units Shipped)

Level : Detail - Item
 Loop : HL Usage: Mandatory Max Loop Use:
 Usage : Mandatory
 Max Use : 1
 Purpose : To specify line-item detail relative to shipment.

Data Element Summary

REL#-ANSI#	Data Element Name	Attribute	Description/Comments
1-350	Assigned Identification	O AN 1/20	Not Used.
2-382	Number of Units Shipped	M R 1/10	Numeric value of units shipped in manufacturer's shipping units for the corresponding LIN segment
3-234	Unit of Basis for Measurement Code	M ID 2/2	'EA'

Advance Shipment Notice – Summary Level

CTT - Transaction Totals

Level : Summary
 Loop : CTT Usage: Mandatory Max Loop Use: 1
 Usage : Mandatory
 Max Use : 1
 Purpose : To transmit hash total for a specific element in the transaction set.

Data Element Summary

REL#-ANSI#	Data Element Name	Attribute	Description/Comments
1-354	Number of line items	M N0 1/6	Total number of line segments. Accumulation of the number of HL segments

SE - Transaction Set Trailer

Level : Summary
 Loop : None
 Usage : Mandatory
 Max Use : 1
 Purpose : To indicate the end of a transaction set and provide the count of the transmitted segments including the beginning (ST) and ending segments (SE).

Data Element Summary

REL#-ANSI#	Data Element Name	Attribute	Description/Comments
1-096	Number of Included Segments	M N0 1/10	Total number of segments included in a transaction set including ST and SE segments.
2-329	Transaction Set Control Number	M AN 4/9	The “number” is sequentially assigned by the sender, starting from one within each functional group. Same as in the ST segment (ST02).

ST*856*856000137μ
BSN*00*0020957728*20080418*2222*0001μ
HL*1**Sμ
TD1*CTN25*200***G*2600*LBμ
TD5*B*2*FXNL*M**CCμ
REF*IA*99999μ
REF*BM*12345678901234567μ
DTM*011*20080418μ
DTM*067*20080418μ
N1*SF*ABC CO.*92*V1242μ
N1*BS*FORTUNOFF*92*01μ
HL*2*1*Oμ
PRF*12345678900***20080322μ
HL*3*2*Pμ
MAN*GM*00000741080611443373μ
HL*4*3*Iμ
LIN*007*UP*123456789012*IN*1234567890μ
SN1**1*EAμ
HL*5*4*Pμ
MAN*GM*00000741080611443380μ
HL*6*5*Iμ
LIN*008*UP*234567890123*IN*2345678901μ
SN1**1*EAμ
CTT*6μ