

# 856

## Ship Notice/Manifest

### Functional Group=SH

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.

#### 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.

#### Comments:

- 2/010 The HL segment is the only mandatory segment within the HL loop, and by itself, the HL segment has no meaning.
- 2/280 The HL segment is the only mandatory segment within the HL loop, and by itself, the HL segment has no meaning.
- 2/410 The HL segment is the only mandatory segment within the HL loop, and by itself, the HL segment has no meaning.
- 2/530 The HL segment is the only mandatory segment within the HL loop, and by itself, the HL segment has no meaning.
- 2/650 The HL segment is the only mandatory segment within the HL loop, and by itself, the HL segment has no meaning.

#### 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>
010	ST	Transaction Set Header	M	1			Must use
020	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>
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<u>LOOP ID - HL</u>		<u>200000</u>					
010	HL	Hierarchical Level (shipment level)	M	1		C2/010	Must use
110	TD1	Carrier Details (Quantity and Weight)	O	1			Used
120	TD5	Carrier Details (Routing Sequence/Transit Time)	O	1			Used
150	REF	Reference Numbers (bill of lading)	O	1			Used
200	DTM	Date/Time Reference (shipped)	O	1			Used
<u>LOOP ID - N1</u>		<u>0</u>					
230	N1	Name (ship to)	O	1			Used
<u>LOOP ID - N1</u>		<u>0</u>					
240	N1	Name (ship from)	O	1			Used
260	N3	Address Information (ship from)	O	1			Used
270	N4	Geographic Location (ship from)	O	1			Used
<u>LOOP ID - HL</u>		<u>200000</u>					
280	HL	Hierarchical Level (order level)	M	1		C2/280	Must use
310	PRF	Purchase Order Reference	O	1			Used
340	REF	Reference Numbers (vendor number)	O	1			Used

350	REF	Reference Numbers (invoice number)	O	1		Used
<b>LOOP ID - N1</b>					<u>0</u>	
380	N1	Name (mark for location)	O	1		Used
<b>LOOP ID - HL</b>					<u>200000</u>	
410	HL	Hierarchical Level (tare level)	M	1	C2/410	Must use
480	MAN	Marks and Numbers	O	1		Used
<b>LOOP ID - HL</b>					<u>200000</u>	
530	HL	Hierarchical Level (pack level)	M	1	C2/530	Must use
600	MAN	Marks and Numbers	O	1		Used
<b>LOOP ID - HL</b>					<u>200000</u>	
650	HL	Hierarchical Level (item level)	M	1	C2/650	Must use
660	LIN	Item Identification	O	1		Used
670	SN1	Item Detail (Shipment)	O	1		Used
680	PRF	Purchase Order Reference	O	1		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>
010	CTT	Transaction Totals	O	1		N3/010	Used
020	SE	Transaction Set Trailer	M	1			Must use

# ISA Interchange Control Header

Pos: 010	Max: 1
- Mandatory	
Loop: N/A	Elements: 16

To start and identify an interchange of one or more functional groups and interchange-related control segments

### Segment Sample:

ISA \*00\* \*00\* \*ZZ\*VENDORID \*01\*196146716 \*980908\*2100\*U\*00304\*000000185\*0\*P\*>~

### Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	<b>Authorization Information Qualifier</b> <b>Description:</b> Code to identify the type of information in the Authorization Information. <u>Code NAME</u>	M	ID	2/2	Must use
	00	No Authorization Information Present (No Meaningful Information in I02)				
ISA02	I02	<b>Authorization Information</b> <b>Description:</b> Information used for additional identification or authorization of the sender or the data in the interchange. The type of information is set by the Authorization Information Qualifier.	M	AN	10/10	Must use
ISA03	I03	<b>Security Information Qualifier</b> <b>Description:</b> Code to identify the type of information in the Security Information. <u>Code NAME</u>	M	ID	2/2	Must use
	00	No Security Information Present (No Meaningful Information in I04)				
ISA04	I04	<b>Security Information</b> <b>Description:</b> This is used for identifying the security information about the sender or the data in the interchange. The type of information is set by the Security Information Qualifier.	M	AN	10/10	Must use
ISA05	I05	<b>Interchange ID Qualifier</b> <b>Description:</b> Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified. <u>Code NAME</u>	M	ID	2/2	Must use
	01	Duns (Dun & Bradstreet)				
	12	Phone (Telephone Companies)				
ISA06	I06	<b>Interchange Sender ID</b> <b>Description:</b> Identification code published by the sender for other parties to use as the receiver ID to route data to them. The sender always codes this number in the sender ID element.	M	AN	15/15	Must use
ISA07	I05	<b>Interchange ID Qualifier</b> <b>Description:</b> Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified.	M	ID	2/2	Must use

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<u>Code NAME</u>				
		01 Duns (Dun & Bradstreet)				
ISA08	I07	<b>Interchange Receiver ID</b> <b>Description:</b> Identification code published by the receiver of the data. When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them.	M	AN	15/15	Must use
ISA09	I08	<b>Interchange Date</b> <b>Description:</b> Date of the interchange.	M	DT	6/6	Must use
ISA10	I09	<b>Interchange Time</b> <b>Description:</b> Time of the interchange.	M	TM	4/4	Must use
ISA11	I10	<b>Interchange Control Standards Identifier</b> <b>Description:</b> Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer. <u>Code NAME</u>	M	ID	1/1	Must use
		U U.S. EDI Community of ASC X12,and UCS				
ISA12	I11	<b>Interchange Control Version Number</b> <b>Description:</b> This version number covers the interchange control segments. <u>Code NAME</u>	M	ID	5/5	Must use
		00200 Standard Issued as ANSI X12.5-1987 00300 Standard Issued as ANSI X12.5-1992 00304 Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1993 00305 00305 <b>Description:</b> 00305				
ISA13	I12	<b>Interchange Control Number</b> <b>Description:</b> This number uniquely identifies the interchange data to the sender. It is assigned by the sender. Together with the sender ID it uniquely identifies the interchange data to the receiver. It is suggested that the sender, receiver, and all third parties be able to maintain an audit trail of interchanges using this number.	M	N0	9/9	Must use
ISA14	I13	<b>Acknowledgment Requested</b> <b>Description:</b> Code sent by the sender to request an interchange acknowledgment. <u>Code NAME</u>	M	ID	1/1	Must use
		0 No Acknowledgment Requested 1 Interchange Acknowledgment Requested				
ISA15	I14	<b>Test Indicator</b> <b>Description:</b> Code to indicate whether data enclosed by this interchange envelope is test or production. <u>Code NAME</u>	M	ID	1/1	Must use

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		- P    Production Data				
ISA16	I15	<b>Subelement Separator</b> <b>Description:</b> This is a field reserved for future expansion in separating data element subgroups. (In the interest of a migration to international standards, this must be different from the data element separator).	M	AN	1/1	Must use

# GS Functional Group Header

Pos: 020	Max: 1
- Mandatory	
Loop: N/A	Elements: 8

To indicate the beginning of a functional group and to provide control information

**Comments:**

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

**Segment Sample:**

GS\*SH\*VENDORID\*196146716\*980908\*2100\*185\*X\*003040~

**Element Summary:**

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	<b>Functional Identifier Code</b> <b>Description:</b> Code identifying a group of application related Transaction Sets. <u>Code NAME</u> SH Ship Notice/Manifest (856)	M	ID	2/2	Must use
GS02	142	<b>Application Sender's Code</b> <b>Description:</b> Code identifying party sending transmission. Codes agreed to by trading partners.	M	AN	2/15	Must use
GS03	124	<b>Application Receiver's Code</b> <b>Description:</b> Code identifying party receiving transmission. Codes agreed to by trading partners.	M	AN	2/15	Must use
GS04	373	<b>Date</b> <b>Description:</b> Date (YYMMDD).	M	DT	6/6	Must use
GS05	337	<b>Time</b> <b>Description:</b> 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)	M	TM	4/8	Must use
GS06	28	<b>Group Control Number</b> <b>Description:</b> Assigned number originated and maintained by the sender.	M	N0	1/9	Must use
GS07	455	<b>Responsible Agency Code</b> <b>Description:</b> Code used in conjunction with Data Element 480 to identify the issuer of the standard. <u>Code NAME</u> X Accredited Standards Committee X12	M	ID	1/2	Must use
GS08	480	<b>Version / Release / Industry Identifier Code</b> <b>Description:</b> Code indicating the version, release, subrelease, and industry	M	AN	1/12	Must use

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<p>identifier of the EDI standard being used, including the GS and GE segments. If code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user). If code in DE455 in GS segment is T, then other formats are allowed.</p> <p><u>Code NAME</u></p>				
		003040 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1993				

# 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

**Segment Sample:**

ST\*856\*0001~

**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 <b>Description:</b> Code uniquely identifying a Transaction Set. <u>Code NAME</u> 856 X12.10 Ship Notice/Manifest	M	ID	3/3	Must use
ST02	329	Transaction Set Control Number <b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use



# BSN Beginning Segment for Ship Notice

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 5

To transmit identifying numbers, dates and other basic data relating to the transaction set

**Segment Sample:**

BSN\*00\*123123001122\*981102\*1200~

**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	<p>Transaction Set Purpose Code</p> <p><b>Description:</b> Code identifying purpose of transaction set.</p> <p><u>Code NAME</u></p> <p>00 Original</p>	M	ID	2/2	Must use
BSN02	396	<p>Shipment Identification</p> <p><b>Description:</b> A unique control number assigned by the original shipper to identify a specific shipment.</p> <p><i>Finlay requires the leading 6 digits to be the Vendor ID with a 6 digit trailer that maintains uniqueness with each ASN.</i></p>	M	AN	12/12	Must use
BSN03	373	<p>Date</p> <p><b>Description:</b> ASN Date, expressed as YYMMDD</p>	M	DT	6/6	Must use
BSN04	337	<p>Time</p> <p><b>Description:</b> 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)</p>	M	TM	4/8	Must use
BSN05	1005	<p>Hierarchical Structure Code</p> <p><b>Description:</b> Code indicating the hierarchical application structure of a transaction set that utilizes the HL segment to define the structure of the transaction set.</p> <p><u>Code NAME</u></p> <p>0001 Shipment, Packaging, Item</p>	O	ID	4/4	Used

# HL Hierarchical Level (shipment level)

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

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

**Comments:**

1. The HL Segment is used to identify levels of detail information using a Hierarchical Structure, such as relating line item data to shipment data, and packaging data to line item data.
2. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment, and would be incremented by one in each subsequent HL segment within the transaction.
3. HL02 identifies the Hierarchical ID Number of the HL segment to which the current HL segment is subordinate.
4. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order or item level information.
5. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

**Segment Sample:**

HL\*1\*\*S~

**Element Summary:**

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	<b>Hierarchical ID Number</b> <b>Description:</b> A unique number assigned by the sender to identify a particular data segment in a hierarchical structure.	M	AN	1/12	Must use
HL02	734	<b>Hierarchical Parent ID Number</b> <b>Description:</b> Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to.	O	AN	1/12	Used
HL03	735	<b>Hierarchical Level Code</b> <b>Description:</b> Code defining the characteristic of a level in a hierarchical structure. <u>Code NAME</u> S      Shipment	M	ID	1/2	Must use

**TD1****Carrier Details (Quantity and Weight)**

<b>Pos: 110</b>	<b>Max: 1</b>
<b>Detail - Optional</b>	
<b>Loop: HLElements: 2</b>	

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

**Segment Sample:**

TD1\*CTN25\*1~

**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>
TD101	103	<b>Packaging Code</b> <b>Description:</b> Code identifying the type of packaging. Part 1. Packaging form. Part 2. Packaging Material. <u>Code NAME</u> CTN25 CTN25 <b>Description:</b> CTN25	O	AN	5/5	Used
TD102	80	<b>Lading Quantity</b> <b>Description:</b> Number of units (pieces) of the lading commodity.	C	N0	1/7	Used

# TD5 Carrier Details (Routing Sequence/Transit Time)

**Pos: 120      Max: 1**  
**Detail - Optional**  
**Loop: HLElements: 2**

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

**Comments:**

- 1.

**Segment Sample:**

*TD5\*\*2\*BNKS~*

**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	- <b>Identification Code Qualifier</b> <b>Description:</b> Code designating the system/method of code structure used for Identification Code (67). <u>Code    NAME</u>	C	ID	1/1	Used
	2	- Standard Carrier Alpha Code (SCAC)				
TD503	67	<b>Identification Code</b> <b>Description:</b> Code identifying a party or other code. <i>Examples would include:</i> <i>UPSS - for United Parcel Service second day</i> <i>BNKS - for Brinks</i>	C	AN	2/17	Used

# REF Reference Numbers (bill of lading)

Pos: 150	Max: 1
Detail - Optional	
Loop: HL	Elements: 2

To specify identifying numbers.

**Segment Sample:**

REF\*BM\*086125044879~

**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	<p>Reference Number Qualifier</p> <p><b>Description:</b> Code qualifying the Reference Number.</p> <p><u>Code</u> <u>NAME</u></p> <p>BM Bill of Lading Number</p>	M	ID	2/2	Must use
REF02	127	<p>Reference Number</p> <p><b>Description:</b> Reference number or identification number as defined by a particular courier's shipment, such as Bill of Lading, Tracking Number, Shipment ID.</p>	C	AN	1/30	Used

# DTM Date/Time Reference (shipped)

Pos: 200	Max: 1
Detail - Optional	
Loop: HL	Elements: 3

To specify pertinent dates and times

## Segment Sample:

DTM\*011\*981102\*\*\*19~

## 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	- <b>Date/Time Qualifier</b> <b>Description:</b> Code specifying type of date or time, or both date and time. <u>Code NAME</u> 011 - Shipped	M	ID	3/3	Must use
DTM02	373	<b>Date</b> <b>Description:</b> Shipped Date, expressed as YYMMDD	C	DT	6/6	Used
DTM05	624	<b>Century</b> <b>Description:</b> The first two characters in the designation of the year (CCYY).	O	N0	2/2	Used

# N1 Name (ship to)

Pos: 230	Max: 1
Detail - Optional	
Loop: N1	Elements: 4

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

**Segment Sample:**

NI\*ST\*FDC\*92\*002000~

**Element Summary:**

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	<p><b>Entity Identifier Code</b>  <b>Description:</b> Code identifying an organizational entity, a physical location, or an individual  <u>Code NAME</u>                      ST Ship To</p>	M	ID	2/2	Must use
N102	93	<p><b>Name</b>  <b>Description:</b> Free-form name.  <i>This value is provided by Finlay in a N102 element, in the "ST" qualified NI segment, on the 850 Purchase Order</i>  <i>This value is required by Finlay in a "ST" identified NI segment, in the N102 element, on the 810 Invoice.</i></p>	O	AN	1/35	Optional
N103	66	<p><b>Identification Code Qualifier</b>  <b>Description:</b> Code designating the system/method of code structure used for Identification Code (67).  <u>Code NAME</u>                      92 Assigned by Buyer or Buyer's Agent</p>	C	ID	2/2	Used
N104	67	<p><b>Identification Code</b>  <b>Description:</b> Finlay's DC or Group/Branch location ID.  <i>This value is provided by Finlay in a N104 element, in the "ST" qualified NI segment, on the 850 Purchase Order</i>  <i>This value is required by Finlay in a "ST" identified NI segment, in the N104 element, on the 810 Invoice.</i></p>	C	AN	6/6	Used

# N1 Name (ship from)

Pos: 240	Max: 1
Detail - Optional	
Loop: N1	Elements: 4

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

**Segment Sample:**

NI\*SF\*VENDOR NAME\*92\*123123~

**Element Summary:**

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	<p><b>Entity Identifier Code</b>  <b>Description:</b> Code identifying an organizational entity, a physical location, or an individual  <u>Code NAME</u>                      SF Ship From</p>	M	ID	2/2	Must use
N102	93	<p><b>Name</b>  <b>Description:</b> Free-form name.  <i>This value is required by Finlay in a "VN" identified N1 segment, in the N102 element, on the 810 Invoice.</i></p>	C	AN	1/35	Used
N103	66	<p><b>Identification Code Qualifier</b>  <b>Description:</b> Code designating the system/method of code structure used for Identification Code (67).  <u>Code NAME</u>                      92 Assigned by Buyer or Buyer's Agent</p>	C	ID	1/2	Used
N104	67	<p><b>Identification Code</b>  <b>Description:</b> Vendor number, assigned by Finlay.  <i>This value is provided by Finlay in a "IA" qualified REF02 element on the 850 Purchase Order.</i>  <i>This value is required by Finlay in a "VN" identified N1 segment, in the N104 element, on the 810 Invoice.</i></p>	C	AN	6/6	Used



**N3****Address Information (ship from)**

Pos: 260	Max: 1
Detail - Optional	
Loop: N1	Elements: 2

To specify the location of the named party

**Segment Sample:**

*N3\*123 MAIN STREET\*1ST FLOOR~*

**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	<b>Address Information</b> Description: Address information	M	AN	1/35	Must use
N302	166	<b>Address Information</b> Description: Address information	O	AN	1/35	Used

# N4 Geographic Location (ship from)

Pos: 270	Max: 1
Detail - Optional	
Loop: N1	Elements: 3

To specify the geographic place of the named party

## Segment Sample:

N4\*NEW YORK\*NY\*10001~

## 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	- <b>City Name</b> <b>Description:</b> Free-form text for city name.	O	AN	2/30	Used
N402	156	<b>State or Province Code</b> <b>Description:</b> Code (Standard State/Province) as defined by appropriate government agency.	O	ID	2/2	Used
N403	116	<b>Postal Code</b> <b>Description:</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States).	O	ID	3/9	Used

# HL Hierarchical Level (order level)

Pos: 280	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 3

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

**Comments:**

1. If shipment is non-master packed, with no usage of a Tare level, this level should include a PRF segment as shown within this mapping guideline.

**Segment Sample:**

HL\*2\*I\*O~

**Element Summary:**

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	<b>Hierarchical ID Number</b> <b>Description:</b> A unique number assigned by the sender to identify a particular data segment in a hierarchical structure.	M	AN	1/12	Must use
HL02	734	<b>Hierarchical Parent ID Number</b> <b>Description:</b> Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to.	O	AN	1/12	Used
HL03	735	<b>Hierarchical Level Code</b> <b>Description:</b> Code defining the characteristic of a level in a hierarchical structure. <u>Code NAME</u>	M	ID	1/2	Must use
		O <u>Order</u>				

# PRF Purchase Order Reference

Pos: 310	Max: 1
Detail - Optional	
Loop: HL	Elements: 2

To provide reference to a specific purchase order

**Comments:**

1. This PRF segment is expected in the order level for non-master packed shipments.

**Segment Sample:**

PRF\*1234567\*\*\*980901~

**Element Summary:**

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PRF01	324	<b>Purchase Order Number</b> <b>Description:</b> Identifying number for the Purchase Order as assigned by the Finlay system. <i>This value is provided by Finlay in a BEG03 element on the 850 Purchase Order.</i> <i>This value is required by Finlay in a BIG04 element on the 810 Invoice.</i>	M	AN	7/7	Must use
PRF04	323	<b>Purchase Order Date</b> <b>Description:</b> Date assigned by the Finlay system to Purchase Order, formatted as YYMMDD. <i>This value is provided by Finlay in a BEG05 element on the 850 Purchase Order.</i> <i>This value is required by Finlay in a BIG03 element on the 810 Invoice.</i>	O	DT	6/6	Used

# REF Reference Numbers (vendor number)

Pos: 340	Max: 1
Detail - Optional	
Loop: HL	Elements: 2

To specify identifying numbers.

**Segment Sample:**

REF\*IA\*123123~

**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	<p>Reference Number Qualifier</p> <p>Description: Code qualifying the Reference Number.</p> <p><u>Code</u> <u>NAME</u></p> <p>IA Internal Vendor Number</p>	M	ID	2/2	Must use
REF02	127	<p>Reference Number</p> <p>Description: Vendor number, assigned by Finlay.</p> <p><i>This value is provided by Finlay in a "IA" qualified REF02 element on the 850 Purchase Order.</i></p> <p><i>This value is required by Finlay in a "VN" identified N1 segment, in the N104 element on the 810 Invoice.</i></p>	C	AN	6/6	Used

# REF Reference Numbers (invoice number)

Pos: 350	Max: 1
Detail - Optional	
Loop: HL	Elements: 2

To specify identifying numbers.

**Comments:**

This segment should include the the final invoice number (if available at this time) or some other key number that will link this shipment to the final invoice when the final invoice is issued (some examples would be the use of a Memo number or packing list number). This invoice (or key) number will be requested on the 810 invoice and referred to as the "original" invoice number.

**Segment Sample:**

REF\*IV\*1029384756~

**Element Summary:**

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	<p>Reference Number Qualifier</p> <p>Description: Code qualifying the Reference Number.</p> <p>Code NAME</p> <p>IV Seller's Invoice Number</p>	M	ID	2/2	Must use
REF02	127	<p>Reference Number</p> <p>Description: Invoice number assigned to order/shipment (see comment above)</p> <p><i>This value is required by Finlay in a "OI" qualified REF02 element on the 810 Invoice.</i></p>	C	AN	1/10	Used

# N1 Name (mark for location)

Pos: 380	Max: 1
Detail - Optional	
Loop: N1	Elements: 4

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

**Comments:**

Use of this "Z7" identified N1 segment is required only for Cross-Docked shipments that have a "Mark For" location id, as provided in a SDQ segment from the purchase order.

**Segment Sample:**

N1\*Z7\*STERNS\*92\*021001~

**Element Summary:**

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	<p><b>Entity Identifier Code</b>  <b>Description:</b> Code identifying an organizational entity, a physical location, or an individual  <u>Code NAME</u></p> <p>Z7 <b>Mark-for Party</b>  <b>Description:</b> The party for whom the needed material is intended</p>	M	ID	2/2	Must use
N102	93	<p><b>Name</b>  <b>Description:</b> Free-form name.</p>	O	AN	1/35	Optional
N103	66	<p><b>Identification Code Qualifier</b>  <b>Description:</b> Code designating the system/method of code structure used for Identification Code (67).  <u>Code NAME</u></p> <p>92 <b>Assigned by Buyer or Buyer's Agent</b></p>	C	ID	1/2	Used
N104	67	<p><b>Identification Code</b>  <b>Description:</b> Finlay's DC or Group/Branch location ID.</p>	C	AN	6/6	Used

*This value is provided by Finlay in a SDQ03 through SDQ13 (odd number) elements on the 850 Purchase Order.*

# HL Hierarchical Level (tare level)

Pos: 410	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 3

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

**Comments:**

1. While master packing shipments is desirable (when practical), use of this segment (while acceptable) is undesirable by Finlay. Please make attempt to avoid its use if possible. (Note: The tare level carton id in master packed shipments is ignored and only inner pack labels are scanned.)

**Segment Sample:**

HL\*3\*2\*T~

**Element Summary:**

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	<b>Hierarchical ID Number</b> <b>Description:</b> A unique number assigned by the sender to identify a particular data segment in a hierarchical structure.	M	AN	1/12	Must use
HL02	734	<b>Hierarchical Parent ID Number</b> <b>Description:</b> Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to.	O	AN	1/12	Used
HL03	735	<b>Hierarchical Level Code</b> <b>Description:</b> Code defining the characteristic of a level in a hierarchical structure. <u>Code NAME</u>	M	ID	1/2	Must use
		T Shipping Tare				



# MAN Marks and Numbers

Pos: 480	Max: 1
Detail - Optional	
Loop: HL	Elements: 2

To indicate identifying marks and numbers for shipping containers

## Comments:

Only an SSCC-18 formatted bar code is acceptable by Finlay.

## Segment Sample:

MAN\*GM\*00001111222233334444~

## 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	- <b>Marks and Numbers Qualifier</b> <b>Description:</b> Code specifying the application or source of Marks and Numbers (87). <u>Code NAME</u> GM UCC-128 Serial Shipping Container Code Format	M	ID	2/2	Must use
MAN02	87	<b>Marks and Numbers</b> <b>Description:</b> 20 digit SSCC18 bar code value used to identify a shipment or parts of a shipment.	M	AN	20/20	Must use

**HL****Hierarchical Level (pack level)**

Pos: 530	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 3

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

**Segment Sample:**

*HL\*4\*3\*P~*

**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	<p>—  <b>Hierarchical ID Number</b>  <b>Description:</b> A unique number assigned by the sender to identify a particular data segment in a hierarchical structure.</p>	M	AN	1/12	Must use
HL02	734	<p><b>Hierarchical Parent ID Number</b>  <b>Description:</b> Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to.</p>	O	AN	1/12	Used
HL03	735	<p><b>Hierarchical Level Code</b>  <b>Description:</b> Code defining the characteristic of a level in a hierarchical structure.</p> <p><u>Code</u> <u>NAME</u></p> <p>P    —  Pack</p>	M	ID	1/2	Must use

# MAN Marks and Numbers

Pos: 600	Max: 1
Detail - Optional	
Loop: HL	Elements: 2

To indicate identifying marks and numbers for shipping containers

**Comments:**

Only an SSCC-18 formatted bar code is acceptable by Finlay.

**Segment Sample:**

MAN\*GM\*00001111222233334445~

**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	- <b>Marks and Numbers Qualifier</b> <b>Description:</b> Code specifying the application or source of Marks and Numbers (87). <u>Code NAME</u> GM UCC-128 Serial Shipping Container Code Format	M	ID	2/2	Must use
MAN02	87	<b>Marks and Numbers</b> <b>Description:</b> 20 digit SSCC18 bar code value used to identify a shipment or parts of a shipment.	M	AN	20/20	Must use

# HL Hierarchical Level (item level)

Pos: 650	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 3

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

**Comments:**

If an HL for Tare Level is used, it is expected to have a PRF segment included within the Item Level.

**Segment Sample:**

HL\*5\*4\*I~

**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	<p><b>Hierarchical ID Number</b></p> <p><b>Description:</b> A unique number assigned by the sender to identify a particular data segment in a hierarchical structure.</p>	M	AN	1/12	Must use
HL02	734	<p><b>Hierarchical Parent ID Number</b></p> <p><b>Description:</b> Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to.</p>	O	AN	1/12	Used
HL03	735	<p><b>Hierarchical Level Code</b></p> <p><b>Description:</b> Code defining the characteristic of a level in a hierarchical structure.</p> <p><u>Code</u> <u>NAME</u></p> <p>I    I~tem</p>	M	ID	1/2	Must use

# LIN Item Identification

Pos: 660	Max: 1
Detail - Optional	
Loop: HL	Elements: 5

To specify basic item identification data.

**Comments:**

1.

**Segment Sample:**

LIN\*0001\*VA\*ABC123L\*IT\*340003731~

**Element Summary:**

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN01	350	<b>Assigned Identification</b> <b>Description:</b> Line numbers assigned for differentiation within a transaction set.	O	AN	1/4	Used
LIN02	235	<b>Product/Service ID Qualifier</b> <b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234). <u>Code NAME</u> VA    Vendor's Style Number	M	ID	2/2	Must use
LIN03	234	<b>Product/Service ID (vendor style)</b> <b>Description:</b> Identifying number for a Finlay vendor's product or service. <i>This value is provided by Finlay in a PO107 element on the 850 Purchase Order.</i> <i>This value is required by Finlay in a IT107 element on the 810 Invoice.</i>	M	AN	1/10	Must use
LIN04	235	<b>Product/Service ID Qualifier</b> <b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234). <u>Code NAME</u> IT    Buyer's Style Number	O	ID	2/2	Used
LIN05	234	<b>Product/Service ID (Finlay short SKU)</b> <b>Description:</b> Finlay assigned short SKU identification number for this vendor product or service. <i>This value is provided by Finlay in a PO109 element on the 850 Purchase Order.</i> <i>This value is required by Finlay in a IT109 element on the 810 Invoice.</i>	C	AN	9/9	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		-				

# SN1 Item Detail (Shipment)

Pos: 670	Max: 1
Detail - Optional	
Loop: HL	Elements: 2

To specify line item detail relative to shipment

**Comments:**

- SN103 defines the unit of measurement for both SN102 and SN104.

**Segment Sample:**

SN1\*\*2\*EA~

**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	- <b>Number of Units Shipped</b> <b>Description:</b> Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set.	M	R	1/7	Must use
SN103	355	<b>Unit or Basis for Measurement Code</b> <b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <u>Code NAME</u> EA    Each	M	ID	2/2	Must use

# PRF Purchase Order Reference

Pos: 680	Max: 1
Detail - Optional	
Loop: HL	Elements: 2

To provide reference to a specific purchase order

**Comments:**

The PRF segment is used at the Item level only if a Tare level has been used, otherwise it should be in the Order level only.

**Segment Sample:**

PRF\*1234567\*\*\*980901~

**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	- <b>Purchase Order Number</b> <b>Description:</b> Identifying number for the Purchase Order as assigned by the Finlay system. <i>This value is provided by Finlay in a BEG03 element on the 850 Purchase Order.</i> <i>This value is required by Finlay in a BIG04 element on the 810 Invoice.</i>	M	AN	7/7	Must use
PRF04	323	<b>Purchase Order Date</b> <b>Description:</b> Date assigned by the Finlay system to Purchase Order, formatted as YYMMDD. <i>This value is provided by Finlay in a BEG05 element on the 850 Purchase Order.</i> <i>This value is required by Finlay in a BIG03 element on the 810 Invoice.</i>	O	DT	6/6	Used



# CTT Transaction Totals

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

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

**Comments:**

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

**Segment Sample:**

CTT\*5~

**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 Description: Total number of HL segments in the transaction set.	M	N0	1/6	Must use

# SE Transaction Set Trailer

Pos: 020	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 (ST) and ending (SE) segments).

## Comments:

- SE is the last segment of each transaction set.

## Segment Sample:

SE\*20\*0002~

## Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	<b>Number of Included Segments</b> <b>Description:</b> Total number of segments included in a transaction set including ST and SE segments.	M	N0	1/10	Must use
SE02	329	<b>Transaction Set Control Number</b> <b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

# GE Functional Group Trailer

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

To indicate the end of a functional group and to provide control information

## Comments:

- The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

## Segment Sample:

GE\*1\*185~

## Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	<p><b>Number of Transaction Sets Included</b></p> <p><b>Description:</b> Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element.</p>	M	N0	1/6	Must use
GE02	28	<p><b>Group Control Number</b></p> <p><b>Description:</b> Assigned number originated and maintained by the sender.</p>	M	N0	1/9	Must use

# IEA Interchange Control Trailer

Pos: 020	Max: 1
- Mandatory	
Loop: N/A	Elements: 2

To define the end of an interchange of one or more functional groups and interchange-related control segments

**Segment Sample:**

IEA\*1\*000000185~

**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>
IEA01	I16	<p><b>Number of Included Functional Groups</b></p> <p><b>Description:</b> A count of the number of functional groups included in a transmission.</p>	M	N0	1/5	Must use
IEA02	I12	<p><b>Interchange Control Number</b></p> <p><b>Description:</b> This number uniquely identifies the interchange data to the sender. It is assigned by the sender. Together with the sender ID it uniquely identifies the interchange data to the receiver. It is suggested that the sender, receiver, and all third parties be able to maintain an audit trail of interchanges using this number.</p>	M	N0	9/9	Must use