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.
2/480   The HL segment is the only mandatory segment within the HL loop, and by itself, the HL segment has no meaning.
2/1020   The HL segment is the only mandatory segment within the HL loop, and by itself, the HL segment has no meaning.
2/1550   The HL segment is the only mandatory segment within the HL loop, and by itself, the HL segment has no meaning.
2/2080   The HL segment is the only mandatory segment within the HL loop, and by itself, the HL segment has no meaning.

Segments:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes
	ISA	Interchange Control Header	M	1		
	GS	Functional Group Header	M	1		

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		

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes
LOOP ID - HL					**200000**	
010	HL	Hierarchical Level (Shipment Level)	M	1		C2/010
120	TD5	Carrier Details (Routing Sequence/Transit Time)	M	1		
200	DTM	Date/Time Reference (Shipped)	M	1		
LOOP ID - N1					**2**	
220	N1	Name (Ship To)	M	1		
LOOP ID - N1					**2**	
290	N1	Name (Ship From)	M	1		
310	N3	Address Information (Ship From)	O	1		
320	N4	Geographic Location (Ship From)	O	1		

LOOP ID - HL					**200000**	
480	HL	Hierarchical Level (Order Level)	M	1		C2/480
520	PRF	Purchase Order Reference	C	1		
630	REF	Reference Identification (Vendor Number)	M	1		
640	REF	Reference Identification (Invoice Number)	M	1		

LOOP ID - N1					**1**
830	N1	Name (Mark-for Location)	C	1	

LOOP ID - HL					**200000**	
1020	HL	Hierarchical Level (Tare Level)	M	1		C2/1020
1320	MAN	Marks and Numbers	C	1		

LOOP ID - HL					**200000**	
1550	HL	Hierarchical Level (Pack Level)	M	1		C2/1550
1850	MAN	Marks and Numbers	M	1		

LOOP ID - HL					**200000**	
2080	HL	Hierarchical Level (Item Level)	M	1		C2/2080
2090	LIN	Item Identification	M	1		
2100	SN1	Item Detail (Shipment)	M	1		
2120	PRF	Purchase Order Reference	C	1		

Summary:

Pos	**Id**	**Segment Name**	**Req**	**Max Use**	**Repeat**	**Notes**
010	CTT	Transaction Totals	M	1		N3/010
020	SE	Transaction Set Trailer	M	1		

Segments:

Pos	**Id**	**Segment Name**	**Req**	**Max Use**	**Repeat**	**Notes**
	GE	Functional Group Trailer	M	1		
	IEA	Interchange Control Trailer	M	1		

ISA   Interchange Control Header

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
ISA01	I01	**Authorization Information Qualifier**	M	ID	2/2
		Description: Code to identify the type of information in the Authorization Information			

Code	Name
00	No Authorization Information Present (No Meaningful Information in I02)

Ref	Id	Element Name	Req	Type	Min/Max
ISA02	I02	**Authorization Information**	M	AN	10/10
		Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)			
ISA03	I03	**Security Information Qualifier**	M	ID	2/2
		Description: Code to identify the type of information in the Security Information			

Code	Name
00	No Security Information Present (No Meaningful Information in I04)

Ref	Id	Element Name	Req	Type	Min/Max
ISA04	I04	**Security Information**	M	AN	10/10
		Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)			
ISA05	I05	**Interchange ID Qualifier**	M	ID	2/2
		Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified			
ISA06	I06	**Interchange Sender ID**	M	AN	15/15
		Description: 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 value in the sender ID element			
ISA07	I05	**Interchange ID Qualifier**	M	ID	2/2
		Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified			

Code	Name
01	Duns (Dun & Bradstreet)

Ref	Id	Element Name	Req	Type	Min/Max
ISA08	I07	**Interchange Receiver ID**	M	AN	15/15
		Description: 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			

Finlay: Finlay's Receiver ID is 196146716.

Ref	Id	Element Name	Req	Type	Min/Max
ISA09	**I08**	**Interchange Date**	M	DT	6/6
		Description: Date of the interchange			
ISA10	**I09**	**Interchange Time**	M	TM	4/4
		Description: Time of the interchange			
ISA11	**I10**	**Interchange Control Standards Identifier**	M	ID	1/1
		Description: Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer			

	Code	Name
	U	U.S. EDI Community of ASC X12, TDCC, and UCS

Ref	Id	Element Name	Req	Type	Min/Max
ISA12	**I11**	**Interchange Control Version Number**	M	ID	5/5
		Description: This version number covers the interchange control segments			
ISA13	**I12**	**Interchange Control Number**	M	N0	9/9
		Description: A control number assigned by the interchange sender			
ISA14	**I13**	**Acknowledgment Requested**	M	ID	1/1
		Description: Code sent by the sender to request an interchange acknowledgment (TA1)			

	Code	Name
	0	No Acknowledgment Requested

Ref	Id	Element Name	Req	Type	Min/Max
ISA15	**I14**	**Usage Indicator**	M	ID	1/1
		Description: Code to indicate whether data enclosed by this interchange envelope is test, production or information			

	Code	Name
	P	Production Data
	T	Test Data

Ref	Id	Element Name	Req	Type	Min/Max
ISA16	**I15**	**Component Element Separator**	M		1/1
		Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator			

GS Functional Group Header

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
GS01	479	**Functional Identifier Code**	M	ID	2/2
		Description: Code identifying a group of application related transaction sets			

Code	Name
SH	Ship Notice/Manifest (856)

Ref	Id	Element Name	Req	Type	Min/Max
GS02	142	**Application Sender's Code**	M	AN	2/15
		Description: Code identifying party sending transmission; codes agreed to by trading partners			
GS03	124	**Application Receiver's Code**	M	AN	2/15
		Description: Code identifying party receiving transmission. Codes agreed to by trading partners			

Finlay: Finlay's Application Receiver ID is 196146716

Ref	Id	Element Name	Req	Type	Min/Max
GS04	373	**Date**	M	DT	8/8
		Description: Date expressed as CCYYMMDD			
GS05	337	**Time**	M	TM	4/8
		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)			
GS06	28	**Group Control Number**	M	N0	1/9
		Description: Assigned number originated and maintained by the sender			
GS07	455	**Responsible Agency Code**	M	ID	1/2
		Description: Code used in conjunction with Data Element 480 to identify the issuer of the standard			

Code	Name
X	Accredited Standards Committee X12

Ref	Id	Element Name	Req	Type	Min/Max
GS08	480	**Version / Release / Industry Identifier Code**	M	AN	1/12
		Description: Code indicating the version, release, subrelease, and industry 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			

ST   Transaction Set Header

To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3

Description: Code uniquely identifying a Transaction Set

Code	Name
856	Ship Notice/Manifest

Ref	Id	Element Name	Req	Type	Min/Max
ST02	329	**Transaction Set Control Number**	M	AN	4/9

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

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

Finlay Comment:

If this mapping guideline is being considered as a guide for a version PRIOR to 4010, the date element BSN03 would require a min/max of 6 bytes.

Segment Example:

BSN|00|333666000123|20000514|1200|0001~

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
BSN01	**353**	**Transaction Set Purpose Code**	**M**	**ID**	**2/2**

Description: Code identifying purpose of transaction set

Example: |00|

Code	Name
00	Original

Ref	Id	Element Name	Req	Type	Min/Max
BSN02	**396**	**Shipment Identification**	**M**	**AN**	**12/12**

Description: A unique control number assigned by the original shipper to identify a specific shipment

Finlay: Finlay requires the leading 6 digits to be the Vendor ID (assigned by Finlay and identified in the "IA" qualified REF02 element in the 850 Purchase Order) with a 6 digit trailer that maintains uniqueness with each ASN.

Example: |333666000123|

Ref	Id	Element Name	Req	Type	Min/Max
BSN03	**373**	**Date**	**M**	**DT**	**8/8**

Description: Date expressed as CCYYMMDD

Example: |20000514|

Ref	Id	Element Name	Req	Type	Min/Max
BSN04	**337**	**Time**	**M**	**TM**	**4/8**

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)

Example: |1200|

Ref	Id	Element Name	Req	Type	Min/Max
BSN05	**1005**	**Hierarchical Structure Code**	**O**	**ID**	**4/4**

Description: Code indicating the hierarchical application structure of a transaction set that utilizes the HL segment to define the structure of the transaction set

Example: |0001|

Code	Name
0001	Shipment, Order, Packaging, Item

HL   Hierarchical Level (Shipment Level)

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

Segment Example:
HL|1||S~

Element Summary:

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

Code	Name
S	Shipment

TD5   Carrier Details (Routing Sequence/Transit Time)

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

Segment Example:
TD5||2|BNKS~

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
TD502	66	**Identification Code Qualifier**	M	ID	1/2

Description: Code designating the system/method of code structure used for Identification Code (67)

Example: |2|

Code	Name
2	Standard Carrier Alpha Code (SCAC)

| TD503 | 67 | **Identification Code** | M | AN | 2/20 |

Description: Code identifying a party or other code

Finlay: Examples include:

UPSN - for United Parcel Service second day

BNKS - for Brinks

Example: |BNKS|

DTM　　**Date/Time Reference (Shipped)**

<div style="border:1px solid">

Pos: 200　　　　　　　Max: 1
Detail - Mandatory
Loop: HL　　　　Elements: 2

</div>

To specify pertinent dates and times

Finlay Comment:

If this mapping guideline is being considered as a guide for a version PRIOR to 4010, the date element DTM02 would require a min/max of 6 bytes and a DTM05 is optional for century.

Segment Example:

DTM|011|20000514~

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
DTM01	**374**	**Date/Time Qualifier**	**M**	**ID**	**3/3**

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

Example: |011|

Code	Name
011	Shipped

Ref	Id	Element Name	Req	Type	Min/Max
DTM02	**373**	**Date**	**C**	**DT**	**8/8**

Description: Date expressed as CCYYMMDD

Finlay: Date shipped.

Example: |20000514|

This value is required by Finlay in a "011" qualified DTM02 element in the 810 Invoice.

N1   **Name (Ship To)**

<div style="text-align:right">

Pos: 220   Max: 1
Detail - Mandatory
Loop: N1   Elements: 4

</div>

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

Segment Example:

N1|ST|FDC|92|002000~

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
N101	**98**	**Entity Identifier Code**	**M**	**ID**	**2/2**

Description: Code identifying an organizational entity, a physical location, property or an individual

Example: |ST|

Code	Name
ST	Ship To

Ref	Id	Element Name	Req	Type	Min/Max
N102	**93**	**Name**	**O**	**AN**	**1/35**

Description: Free-form name

Example: |FDC|

This value is provided by Finlay in a "ST" identified N102 element in the 850 Purchase Order.

This value is required by Finlay in a "ST" identified N102 element in the 810 Invoice.

Ref	Id	Element Name	Req	Type	Min/Max
N103	**66**	**Identification Code Qualifier**	**M**	**ID**	**2/2**

Description: Code designating the system/method of code structure used for Identification Code (67)

Example: |92|

Code	Name
92	Assigned by Buyer or Buyer's Agent

Ref	Id	Element Name	Req	Type	Min/Max
N104	**67**	**Identification Code**	**M**	**AN**	**6/6**

Description: Code identifying a party or other code

Finlay: Location (group/branch or distribution center) ID# identifying Finlay's "Ship To" location.

Example: |002000|

This value is provided by Finlay in a "ST" identified N104 element in the 850 Purchase Order.

This value is required by Finlay in a "ST" identified N104 element in the 810 Invoice.

N1   Name (Ship From)

Pos: 290   Max: 1
Detail - Mandatory
Loop: N1   Elements: 4

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

Segment Example:

N1|SHINY THINGS|92|333666~

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
N101	**98**	**Entity Identifier Code**	**M**	**ID**	**2/2**

Description: Code identifying an organizational entity, a physical location, property or an individual

Example: |SF|

Code	Name
SF	Ship From

Ref	Id	Element Name	Req	Type	Min/Max
N102	**93**	**Name**	**C**	**AN**	**1/35**

Description: Free-form name

Example: |SHINY THINGS|

Ref	Id	Element Name	Req	Type	Min/Max
N103	**66**	**Identification Code Qualifier**	**C**	**ID**	**2/2**

Description: Code designating the system/method of code structure used for Identification Code (67)

Example: |92|

Code	Name
92	Assigned by Buyer or Buyer's Agent

Ref	Id	Element Name	Req	Type	Min/Max
N104	**67**	**Identification Code**	**C**	**AN**	**2/10**

Description: Code identifying a party or other code

Finlay: Vendor ID# assigned by Finlay.

Example: |333666|

This value is provided by Finlay in a "IA" qualified REF02 element in the 850 Purchase Order.

This value is required by Finlay in a "VN" identified N104 element in the 810 Invoice.

N3　Address Information (Ship From)

<div>
Pos: 310　　　　　　Max: 1
Detail - Optional
Loop: N1　　　Elements: 2
</div>

To specify the location of the named party

Segment Example:

N3|123 MAINSTREET|1ST FLOOR~

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
N301	**166**	**Address Information** **Description:** Address information	**M**	**AN**	**1/35**
		Example: |123 MAINSTREET|			
N302	**166**	**Address Information** **Description:** Address information	**O**	**AN**	**1/35**
		Example: |1ST FLOOR|			

N4 Geographic Location (Ship From)

Pos: 320   Max: 1
Detail - Optional
Loop: N1   Elements: 3

To specify the geographic place of the named party

Segment Example:

N4|NEW YORK|NY|10017~

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
N401	**19**	**City Name**	**O**	**AN**	**2/30**
		Description: Free-form text for city name			
N402	**156**	**State or Province Code**	**O**	**ID**	**2/2**
		Description: Code (Standard State/Province) as defined by appropriate government agency			
N403	**116**	**Postal Code**	**O**	**ID**	**3/11**
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)			

HL   Hierarchical Level (Order Level)

Pos: 480   Max: 1
Detail - Mandatory
Loop: HL   Elements: 3

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

Segment Example:
HL|2|1|O~

Element Summary:

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

Code	Name
O	Order

PRF   Purchase Order Reference

<div style="text-align: right">

Pos: 520   Max: 1
Detail - Conditional
Loop: HL   Elements: 2

</div>

To provide reference to a specific purchase order

Usage:

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

Master packed shipments, utilizing a Tare level, are to use the PRF segment at the Item level.

Finlay Comment:

If this guideline is being considered as a guide for a version prior to 4010, the date element PRF04 would require a min/max of 6 bytes.

Segment Example:

PRF|1234567|||20000318~

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
PRF01	**324**	**Purchase Order Number**	**M**	**AN**	**7/7**
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser			
		Example: |1234567|			
		This value is provided by Finlay in a BEG03 element in the 850 Purchase Order.			
		This value is required by Finlay in a BIG04 element in the 810 Invoice.			
PRF04	**373**	**Date**	**O**	**DT**	**8/8**
		Description: Date expressed as CCYYMMDD			
		Example: |20000318|			
		This value is provided by Finlay in a BEG05 element in the 850 Purchase Order.			
		This value is required by Finlay in a BIG03 element in the 810 Invoice.			

REF   Reference Identification (Vendor Number)

<div style="border:1px solid">

Pos: 630   **Max: 1**
Detail - Mandatory
Loop: HL   **Elements: 2**
</div>

To specify identifying information

REF|IA|333666~

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
REF01	**128**	**Reference Identification Qualifier**	**M**	**ID**	**2/2**

Description: Code qualifying the Reference Identification

Example: |IA|

Code	Name
IA	Internal Vendor Number

Ref	Id	Element Name	Req	Type	Min/Max
REF02	**127**	**Reference Identification**	**C**	**AN**	**6/6**

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

Finlay: Vendor number, assigned by Finlay.

Example: |333666|

This value is provided by Finlay in a "IA" qualified REF02 element in the 850 Purchase Order.

This value is required by Finlay in a "VN" identified N104 element in the 810 Invoice.

REF   Reference Identification (Invoice Number)

<div style="border:1px solid black;">
Pos: 640   Max: 1
    Detail - Mandatory
Loop: HL   Elements: 2
</div>

To specify identifying information

Usage:
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 Example:
REF|IV|0318940400~

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
REF01	128	**Reference Identification Qualifier**	M	ID	2/2

Description: Code qualifying the Reference Identification

Example: |IV|

Contact Finlay EDI department for use of other codes.

Code	Name
IV	Seller's Invoice Number

| REF02 | 127 | **Reference Identification** | M | AN | 1/10 |

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

Finlay: Invoice number assigned to order/shipment (see Usage comment above)

Example: |0318940400|

This value is required by Finlay in a "OI" qualified REF02 element in the 810 Invoice.

N1   **Name (Mark-for Location)**

Pos: 830   Max: 1
Detail - Conditional
Loop: N1   Elements: 4

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

Usage:

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 Example:

N1|Z7|BELKS|92|015002~

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
N101	**98**	**Entity Identifier Code**	**M**	**ID**	**2/2**
		Description: Code identifying an organizational entity, a physical location, property or an individual			

	Code	Name
	Z7	Mark-for Party

Ref	Id	Element Name	Req	Type	Min/Max
N102	**93**	**Name**	**O**	**AN**	**1/35**
		Description: Free-form name			
N103	**66**	**Identification Code Qualifier**	**M**	**ID**	**1/2**
		Description: Code designating the system/method of code structure used for Identification Code (67)			

	Code	Name
	92	Assigned by Buyer or Buyer's Agent

Ref	Id	Element Name	Req	Type	Min/Max
N104	**67**	**Identification Code**	**M**	**AN**	**6/6**
		Description: Code identifying a party or other code			

Finlay: Location (group/branch) ID# identifying Finlay's "Mark for" location if indicated with an SDQ segment on PO.

This value is provided by Finlay in a SDQ03 through SDQ13 (odd numbered) elements in a cross-docked 850 Purchase Order.

HL   Hierarchical Level (Tare Level)

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

Finlay Comment:

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.)

Cartons of non-master packed ASNs, without tare level, can be consolidated into one carton for the purpose of shipment ease, but should indicate that master packed cartons are within.

Segment Example:

HL|3|2|T~

Element Summary:

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

Code	Name
T	Shipping Tare

MAN   Marks and Numbers

<table>
<tr><td>Pos: 1320</td><td>Max: 1</td></tr>
<tr><td colspan="2">Detail - Conditional</td></tr>
<tr><td>Loop: HL</td><td>Elements: 2</td></tr>
</table>

To indicate identifying marks and numbers for shipping containers

Finlay Comment:

Only an SSCC-18 formatted bar code of the MAN02 value is acceptable by Finlay.

Segment Example:

MAN|GM|00003336660000000514~

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
MAN01	**88**	**Marks and Numbers Qualifier** **Description:** Code specifying the application or source of Marks and Numbers (87)	**M**	**ID**	**2/2**

Example: |GM|

Code	Name
GM	SSCC-18 and Application Identifier

Ref	Id	Element Name	Req	Type	Min/Max
MAN02	**87**	**Marks and Numbers** **Description:** Marks and numbers used to identify a shipment or parts of a shipment	**M**	**AN**	**20/20**

Finlay: 20 digit SSCC18 bar code value used to identify a shipment or parts of a shipment.

Example: |00003336660000000514|

HL　Hierarchical Level (Pack Level)

Pos: 1550	Max: 1
Detail - Mandatory	
Loop: HL	**Elements: 3**

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

Segment Example:
HL|4|3|P~

Element Summary:

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

Code	Name
P	Pack

MAN   Marks and Numbers

To indicate identifying marks and numbers for shipping containers

Finlay Comment:

Only an SSCC-18 formatted bar code of the MAN02 value is acceptable by Finlay.

Segment Example:

MAN|GM|00003336660000000515~

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
MAN01	**88**	**Marks and Numbers Qualifier** **Description:** Code specifying the application or source of Marks and Numbers (87)	**M**	**ID**	**2/2**

Example: |GM|

Code	Name
GM	SSCC-18 and Application Identifier

Ref	Id	Element Name	Req	Type	Min/Max
MAN02	**87**	**Marks and Numbers** **Description:** Marks and numbers used to identify a shipment or parts of a shipment	**M**	**AN**	**20/20**

Finlay: 20 digit SSCC18 bar code value used to identify a shipment or parts of a shipment.

Example: |00003336660000000515|

HL   Hierarchical Level (Item Level)

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

Segment Example:

HL|5|4|I~

Element Summary:

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

Code	Name
I	Item

LIN   Item Identification

Pos: 2090   Max: 1
Detail - Mandatory
Loop: HL   Elements: 7

To specify basic item identification data

Segment Example:

LIN|0001|VA|G0310|IT|260001318~

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
LIN01	**350**	**Assigned Identification**	O	AN	1/4
		Description: Alphanumeric characters assigned for differentiation within a transaction set			
		Example: |0001|			
LIN02	**235**	**Product/Service ID Qualifier**	M	ID	2/2
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		Example: |VA|			

	Code	Name
	VA	Vendor's Style Number

Ref	Id	Element Name	Req	Type	Min/Max
LIN03	**234**	**Product/Service ID (Vendor Style)**	M	AN	1/12
		Description: Identifying number for a product or service			
		Finlay: Vendor's style number for the current line item.			
		Example: |G0310|			

This value is provided by Finlay in a PO107 element in the 850 Purchase Order.

This value is required by Finlay in a IT107 element in the 810 Invoice.

Ref	Id	Element Name	Req	Type	Min/Max
LIN04	**235**	**Product/Service ID Qualifier**	M	ID	2/2
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		Example: |IT|			

	Code	Name
	IT	Buyer's Style Number

Ref	Id	Element Name	Req	Type	Min/Max
LIN05	**234**	**Product/Service ID (Finlay short SKU)**	M	AN	9/9
		Description: Identifying number for a product or service			
		Finlay: Finlay's short SKU for the current line item.			
		Example: |260001318|			

This value is provided by Finlay in a PO109 element in the 850 Purchase Order.

This value is required by Finlay in a IT109 element in the 810 Invoice.

SN1 **Item Detail (Shipment)**

To specify line-item detail relative to shipment

Segment Example:
SN1||12|EA~

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
SN102	**382**	**Number of Units Shipped**	**M**	**R**	**1/7**
		Description: Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set			
		Example: |EA|			
SN103	**355**	**Unit or Basis for Measurement Code**	**M**	**ID**	**2/2**
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
		Example: |12|			

Code	Name
EA	Each

PRF　Purchase Order Reference

To provide reference to a specific purchase order

Usage:

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.

Finlay Comment:

If this guideline is being considered as a guide for a version prior to 4010, the date element PRF04 would require a min/max of 6 bytes.

Segment Example:

PRF|1234567|||20000318~

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
PRF01	324	**Purchase Order Number**	M	AN	7/7

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

Example:　|1234567|

This value is provided by Finlay in a BEG03 element in the 850 Purchase Order.

This value is required by Finlay in a BIG04 element in the 810 Invoice.

Ref	Id	Element Name	Req	Type	Min/Max
PRF04	373	**Date**	O	DT	8/8

Description: Date expressed as CCYYMMDD

Finlay:　Date assigned by the Finlay system to Purchase Order.

Example:　|20000318|

This value is provided by Finlay in a BEG05 element in the 850 Purchase Order.

This value is required by Finlay in a BIG03 element in the 810 Invoice.

CTT   **Transaction Totals**

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

Segment Example:
CTT|1~

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
CTT01	**354**	**Number of Line Items**	**M**	**N0**	**1/6**

Description: Total number of line items in the transaction set

Example: |1|

SE Transaction Set Trailer

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:

Ref	Id	Element Name	Req	Type	Min/Max
SE01	96	**Number of Included Segments**	M	N0	1/10
		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
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set			

GE **Functional Group Trailer**

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

Element Summary:

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

IEA   Interchange Control Trailer

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

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
IEA01	**I16**	**Number of Included Functional Groups**	**M**	**N0**	**1/5**
		Description: A count of the number of functional groups included in an interchange			
IEA02	**I12**	**Interchange Control Number**	**M**	**N0**	**9/9**
		Description: A control number assigned by the interchange sender			