



856 Ship Notice/Manifest

Revision: 04/02/10

Functional Group ID=**SH**

Introduction:

This Standard 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.

Heading:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
0100	ST	Transaction Set Header	M	1		
0200	BSN	Beginning Segment for Ship Notice	M	1		
0500	REF	Reference Identification	O	2		Use

Detail:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
LOOP ID – HLS					1	
0100	HL	Hierarchical Level	M	1		c1
1100	TD1	Carrier Details (Quantity and Weight)	M	1		
1200	TD5	Carrier Details (Routine Sequence/ Transit Time)	M	1		
LOOP ID – TD3					1	
1300	TD3	Carrier Details(Equipment)	O	1		
1500	REF	Reference Identification	O	1		
1500	REF	Reference Identification	M	1		
2000	DTM	Date/Time Reference	M	1		
2000	DTM	Date/Time Reference	O	1		
2100	FOB	F.O.B. Related Instructions	M	1		
LOOP ID – N1 (Ship To)					1	
2200	N1	Name	M	1		
2300	N2	Additional Name Information	O	1		
2400	N3	Address Information	M	1		
2500	N4	Geographic Location	M	1		



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Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Loop Repeat	Notes and Comments
LOOP ID – N1 (Ship From)						1
2200	N1	Name	M	1		
2300	N2	Additional Name Information	O	1		
2400	N3	Address Information	M	1		
2500	N4	Geographic Location	M	1		
LOOP ID – HLO						200000
0100	HL	Hierarchical Level	M	1		
0500	PRF	Purchase Order Reference	M	1		
1500	REF	Reference Identification	M	2		
LOOP ID – N1 (Buying Party)						1
2200	N1	Name	M	1		
2300	N2	Additional Name Information	O	1		
2400	N3	Address Information	O	1		
2500	N4	Geographic Location	O	1		
LOOP ID – HLP						200000
0100	HL	Hierarchical Level	M	1		
1900	MAN	Marks and Numbers	M	1		
LOOP ID – HLI						200000
0100	HL	Hierarchical Level	M	1		
0200	LIN	Item Identification	M	1		
0300	SN1	Item Detail (Shipment)	M	1		
0600	PO4	Item Physical Details	C	1		
0700	PID	Product/Item Description	O	1		

Summary:

Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Loop Repeat	Notes and Comments
0100	CTT	Transaction Totals	O	1		
0200	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. 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.

Transaction Set Comments

1. The HL segment is the only mandatory segment within the HL loop, and by itself, the HL segment has no meaning.



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Segment: **ISA Interchange Control Header**
 Position:
 Loop:
 Level: Heading
 Usage: Mandatory
 Max Use: 1
 Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

Data Element Summary

Ref.	<u>Date</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
M	ISA01	I01 Authoization Information Qualifier Code to identify the type of information in the Authorization information 00 No Authorization Sent	M 1 ID 2/2
M	ISA02	I02 Authoization Information 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)	M 1 ID 10/10
M	ISA03	I03 Security Information Qualifier Code to identify the type of information in the Security Information 00 No Security Information	M 1 ID 2/2
M	ISA04	I04 Security Information 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)	M 1 ID 10/10
M	ISA05	I05 Interchange ID Qualifier Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified.	M 1 ID 2/2
M	ISA06	I06 Interchange Sender ID 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	M 1 ID 15/15
M	ISA07	I05 Interchange ID Qualifier Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified.	M 1 ID 2/2
M	ISA08	I07 Interchange Receiver ID 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 1 ID 15/15
M	ISA09	I08 Interchange Date Date of the interchange	M 1 DT 6/6



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Segment: **ISA** Interchange Control Header
 Position:
 Loop:
 Level: Heading
 Usage: Mandatory
 Max Use: 1
 Purpose: To start and identify an interchange of zero or more functional groups and interchange-related Control segments

Data Element Summary

	<u>Ref.</u>	<u>Date</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	ISA10	I09	InterchangeTime Time of the interchange	M 1 TM 4/4
M	ISA11	I10	Interchange Control Standards Identifier 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</u> <u>Description</u> U U.S. EDI Community of ASC X12, TDCC and UCS	M 1 ID 1/1
M	ISA12	I11	Interchange Control Version Number This version number covers the interchange control segments <u>Code</u> <u>Description</u> 00401 Version 4, Release 1	M 1 ID 5/5
M	ISA13	I12	Interchange Control Number A control number assigned by the interchange sender	M 1 N0 9/9
M	ISA14	I13	Acknowledgement Requested Code sent by the sender to request an interchange acknowledgment (TA1)	M 1 ID 1/1
M	ISA15	I14	Usage Indicator Code to indicate whether data enclosed by this interchange envelope Is test, product or information P Production T Test	M 1 ID 1/1
M	ISA16	I15	Component Element Separator 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 ~	M 1 1/1



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Segment: **GS** Functional Group Header

Level: Heading
 Usage: Mandatory
 Max Use: 1

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

- Semantic Notes:
- 1 GS04 is the group date.
 - 2 GS05 is the group time.
 - 3 The data interchange control number GS06 in this header be identical to the same data Element in the associated functional group trailer, GE02.

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.

Data Element Summary

Ref.	Date			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	GS01	479	Functional Identifier Code Code identifying a group of application related transaction sets <u>Code Description</u> SH Ship Notice/Manifest	M 1 ID 2/2
M	GS02	142	Application Sender's Code Code identifying party sending transmission; codes agreed to by trading partners	M 1 AN 2/15
M	GS03	124	Application Receiver's Code Code identifying party receiving transmission. Codes agreed to by trading partners	M 1 AN 2/15
M	GS04	373	Date Date expressed as CCYYMMDD	M 1 DT 8/8
M	GS05	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, 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 1 TM 4/8
M	GS06	028	Group Control Number Assigned number originated and maintained by the sender	M 1 N0 1/9
M	GS07	455	Responsible Agency Code <u>Code Description</u> X Accredited Standards Committee X12	M 1 ID 1/2
M	GS08	480	Version/Release/Industry Identifier Code <u>Code</u> 004010	M 1 AN 1/12



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Segment: **ST** Transaction Set Header
 Position: 0100
 Loop:
 Level: Heading
 Usage: Mandatory
 Max Use: 1
 Purpose: To indicate the start of a transaction set and to assign a control number
 Syntax Notes:
 Semantic Notes: 1 The transaction set identifier (ST01) is used by the translation routines of the Interchange partners to select the appropriate transaction set definition (e.g., 856 selects the Advance Ship Notice Set).

Comments:

Notes: The Transaction Set Control Number must be unique for each ASN sent. Please do not reset your Document control numbers to 0001 when sending a new Interchange.

Data Element Summary

Ref.	Date			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
M	ST01	143	Transaction Set Identifier Code	M 1 ID 3/3
			Code uniquely identifying a Transaction Set	
			<u>Code</u> <u>Description</u>	
			856 Ship Notice/Manifest	
M	ST02	329	Transaction Set Control Number	M 1 AN 4/9
			Identifying control number that must be unique within the transaction set	
			Functional group assigned by the originator for a transaction set	
			The number is sequentially assigned by the sender, starting with one within each functional group. For each functional group, the first transaction set control number will be 0001 and incremented by one for each additional transaction set within the group.	



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Segment: **BSN** Beginning Segment for Ship Notice

Position: 0200

Loop:

Level: Heading

Usage: Mandatory

Max Use: 1

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

Syntax Notes:

- Semantic Notes:
- 1 BSN03 is the date the shipment transaction set is created.
 - 2 BSN04 is the time the shipment transaction set is created.

Data Element Summary

Ref.	Date			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	BSN01	353	Transaction Set Purpose Code code identifying purpose of transaction set	M 1 ID 2/2
			<u>Code</u> <u>Description</u>	
			00 Original	
M	BSN02	396	Shipment Identification A unique control number assigned by the original shipper to identify a specific shipment	M 1 AN 2/13
M	BSN03	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M 1 DT 8/8
M	BSN04	337	Time 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 1 TM 4/8
	BSN05	1005	Hierarchical Structure Code Code indicating the hierarchical application structure of a transaction set that utilizes the HL segment to define the structure of the transaction set.	O 1 ID 4/4
			<u>Code</u> <u>Description</u>	
			0001 Shipment, Order, Packaging, Item	



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Segment: **HL** Hierarchical Level

Position: 0100

Loop: HLS Mandatory

Level: Detail

Usage: Mandatory

Max Use: 1

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

Syntax Notes:

Semantic Notes:

Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Date Element</u>	<u>Name</u>	<u>Attributes</u>
M	HL01	628	Hierarchical ID Number A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	M 1 AN 1/12
M	HL03	735	Hierarchical Level Code Code defining the characteristic of a level in a hierarchical structure	M 1 ID 1/2
			<u>Code</u> <u>Description</u>	
			S Shipment	



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

Position: 0100

Loop: HLS Mandatory

Level: Detail

Usage: Mandatory

Max Use: 1

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

Syntax Notes:

Semantic Notes:

Comments:

Data Element Summary

Ref.	Date			
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
M	TD101	103	Packageing Code	O 1 AN 3/5
			Code identifying the type of packing; Part 1: Packaging Form, Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required	
			<u>Code</u> <u>Description</u>	
			BAG Bag	
			CTN Carton	
			MIX Mixed Container Types	
			More than one type of container is included in a shipment (shipment could consist of 3 pieces that include 1 box, 1 crate, and 1 basket)	
			PLT Pallet	
			25 Corrugated of Solid	
			79 Plastic	
			80 Polyethylene	
			94 Wood	
M	TD102	80	Lading Quantity	X 1 N0 1/7
			Number of units (pieces) of the lading commodity	
M	TD106	187	Weight Qualifier	O 1 ID 1/2
			Code defining the type of Weight	
			<u>Code</u> <u>Description</u>	
			G Gross Weight	
M	TD107	81	Weight	X 1 R 1/10
			Numeric value of weight	
M	TD108	355	Unit or Basis for Measurement Code	X 1 ID 2/2
			Code specifying the units in which a value is being expressed, or manner in Which a measurement has been taken	
			<u>Code</u> <u>Description</u>	
			LB Pounds	



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Segment: **TD5** Carrier Details (Routing Sequence/Transit Time)

Position: 240

Loop: HLS Mandatory

Level: Detail

Usage: Mandatory

Max Use: 1

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

Syntax Notes: **1** At least one TD502, TD504, TD505, TD506 or TD512 is required.

2 If TD502 is present, then TD503 is required.

Semantic Notes:

Data Element Summary

Ref.	Date	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	TD502 66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67)	X 1 ID 1/2
		<u>Code</u> <u>Description</u> 2 Standard Carrier Alpha Code (SCAC)	
M	TD503 67	Identification Code Code identifying a party or other code	X 1 AN 2/4
M	TD504 91	Transportation Method/Type Code Code specifying the method or type of transportation for the shipment	X 1 ID 1/2
		A Air AE Air Express BU Bus C Consolidation CE Customer Pickup / Customer's Expense D Parcel Post E Expedited Truck H Customer Pickup L Contract Carrier M Motor (Common Carrier) R Rail S Ocean T Best Way (Shippers Option) U Private Parcel Service	
M	TD505 387	Routing Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	X 1 AN 1/35



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Segment: **TD3** Carrier Details (Equipment)

Position: 1300

Loop: TD3 Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To specify transportation details relating to the equipment used by the carrier

Syntax Notes:

Semantic Notes:

Comments:

Data Element Summary

Ref.	Date	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	TD301 40	Equipment Description Code	M 1 ID 1/2
		Code identifying type of equipment used for shipment	
		<u>Code</u> <u>Description</u>	
		2B 20 ft. IL Container (Closed Top)	
		4B 40 ft. IL Container (Closed Top)	
		AT Closed Container (Controlled Temperature)	
		CI Container, Insulated	
		CK Container, heated/Insulated/Ventilated	
		CN Container	
		CV Closed Van	
		CZ Refrigerated Container	
		FT Flat Bed Trailer	
		RC Refrigerated (Reefer) Car	
		RT Controlled Temperature Trailer (Reefer)	
		TA Trailer, Heated/Insulated/Ventilated	
		TL Trailer	
M	TD303 207	Equipment Number	O 1 AN 1/10
		Sequencing or serial part of an equipment unit's identifying number (pure Numeric form for equipment number is preferred)	



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Segment: **REF** Reference Identification
 Position: 1500
 Loop: HLS Mandatory
 Level: Detail
 Usage: Mandatory
 Max Use: 1
 Purpose: To specify identifying information
 Syntax Notes:
 Semantic Notes:

Data Element Summary

Ref.	Date	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01 128	Reference Identification Qualifier Code qualifying the Reference Identification	M 1 ID 2/3
		<u>Code</u> <u>Description</u>	
		CN Carrier's Reference Number (PRO/Invoice) This is used for Common Carrier Shipments	
		P8 Pickup Reference Number This is only used for Parcel Carrier Shipments. This Data can be either the Master Pick up number or one of The Carton Id numbers	
M	REF02 127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M 1 AN 1/50



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Segment: **REF** Reference Identification
 Position: 1500
 Loop: HLS Mandatory
 Level: Detail
 Usage: Mandatory
 Max Use: 1
 Purpose: To specify identifying information
 Syntax Notes:
 Semantic Notes:
 Comments:

Notes: This data is required for Common Carrier Shipments.

Data Element Summary

	<u>Ref. Des.</u>	<u>Date Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification <u>Code</u> <u>Description</u> BM Bill of Lading Number	M 1 ID 2/3
M	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M 1 AN 1/50



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Segment: **DTM** Date/Time Reference
 Position: 2000
 Loop: HLS Mandatory
 Level: Detail
 Usage: Mandatory
 Max Use: **1**
 Purpose: To specify pertinent dates and times

Syntax Notes:
 Semantic Notes:

Data Element Summary

Ref.	Date			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
M	DTM01	374	Date/Time Qualifier	M 1 ID 3/3
			Code specifying type of date or time, or both date and time	
			<u>Code</u> <u>Description</u>	
			011 Shipped	
M	DTM02	333	Date	M 1 DT 8/8
			Date expressed as CCYYMMDD	



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Segment: **DTM** Date/Time Reference
 Position: 2000
 Loop: HLS Mandatory
 Level: Detail
 Usage: Optional
 Max Use: **1**
 Purpose: To specify pertinent dates and times

Syntax Notes:
 Semantic Notes:

Data Element Summary

Ref.	Date			
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
M	DTM01	374	Date/Time Qualifier	M 1 ID 3/3
			Code specifying type of date or time, or both date and time	
			<u>Code</u> <u>Description</u>	
			017 Estimated Delivery	
M	DTM02	333	Date	M 1 DT 8/8
			Date expressed as CCYYMMDD	



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Segment: **FOB** F.O.B. Related Instructions
 Position: 2100
 Loop: HLS Mandatory
 Level: Heading
 Usage: Mandatory
 Max Use: 1
 Purpose: To specify transportation instructions relating to shipment
 Semantic Notes: **1** FOB01 indicates which party will pay the carrier.

Data Element Summary

Ref.	Date			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
M	FOB01	146	Shipment Method of Payment	M 1 ID 2/2
			Code identifying the major duty or responsibility of the person or group named	
		CC	Collect	
		PP	Prepaid	
		PA	Advanced Prepaid	
		CF	Collect Freight, Credit Back to Customer	
		PS	Paid by Seller	
			The seller agrees to the transportation payment term requiring the seller to pay transportation charges to a specified location (origin or destination location)	



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Segment: **N1** Name
 Position: 2200
 Loop: N1 Mandatory
 Level: Detail
 Usage: Mandatory
 Max Use: 1
 Purpose: To identify a party by type of organization, name, and code
 Syntax Notes: **1** At least of N102 or N103 is required.
2 If either N103 or N104 is present, then the other is required.

Semantic Notes:

Data Element Summary

	<u>Ref. Des.</u>	<u>Date Element</u>	<u>Name</u>	<u>Attributes</u>
M	N101	098	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an Individual <u>Code</u> <u>Description</u> ST Ship To	M 1 ID 2/3
M	N102	093	Name Free-form name	M 1 AN 1/35
M	N103	066	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) <u>Code</u> <u>Description</u> 92 Assigned by Buyer or Buyer's Agent	M 1 ID 1/2
M	N104	067	Identification Code Code identifying a party or other code This is Maurice Internal D.C. Location number	M 1 AN 4/4



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Segment: **N2** Additional Name Information
 Position: 2300
 Loop: N1 Mandatory
 Level: Detail
 Usage: Optional
 Max Use: 1
 Purpose: To specify additional names
 Syntax Notes:
 Semantic Notes:

Data Element Summary

	<u>Ref.</u>	<u>Date</u>	<u>Name</u>	<u>Attributes</u>
M	N201	166	Name Free-form name	M 1 AN 1/35



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Segment: **N3** Address Information
 Position: 2400
 Loop: N1 Mandatory
 Level: Detail
 Usage: Mandatory
 Max Use: 1
 Purpose: To specify the location of the named party
 Syntax Notes:
 Semantic Notes:

Data Element Summary

	<u>Ref.</u>	<u>Date</u>	<u>Name</u>	<u>Attributes</u>
M	N301	166	Address Information Address information	M 1 AN 1/35
	N302	166	Address Information Address information (if necessary)	O 1 AN 1/35



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Segment: **N4** Geographic Location
 Position: 2500
 Loop: N1 Mandatory
 Level: Detail
 Usage: Mandatory
 Max Use: 1
 Purpose: To specify the geographic place of the named party
 Syntax Notes:
 Semantic Notes:

Data Element Summary

	<u>Ref. Des.</u>	<u>Date Element</u>	<u>Name</u>	<u>Attributes</u>
M	N401	019	City Name Free-form text for city name	M 1 AN 2/30
M	N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	M 1 ID 2/2
M	N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	M 1 ID 3/15
	N404	026	Country Code Code identifying the country	O 1 ID 2/3



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Segment: **N1** Name
 Position: 2200
 Loop: N1 Mandatory
 Level: Detail
 Usage: Mandatory
 Max Use: 1
 Purpose: To identify a party by type of organization, name, and code
 Syntax Notes:
 Semantic Notes:

Data Element Summary

	<u>Ref. Des.</u>	<u>Date Element</u>	<u>Name</u>	<u>Attributes</u>
M	N101	098	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an Individual <u>Code</u> <u>Description</u> SF Ship From	M 1 ID 2/3
M	N102	093	Name Free-form name	M 1 AN 1/35



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Segment: **N2** Additional Name Information
 Position: 2300
 Loop: N1 Mandatory
 Level: Detail
 Usage: Optional
 Max Use: 1
 Purpose: To specify additional names
 Syntax Notes:
 Semantic Notes:

Data Element Summary

	<u>Ref.</u>	<u>Date</u>	<u>Name</u>	<u>Attributes</u>
M	N201	166	Name Free-form name	M 1 AN 1/35



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Segment: **N3** Address Information
 Position: 2400
 Loop: N1 Mandatory
 Level: Detail
 Usage: Mandatory
 Max Use: 1
 Purpose: To specify the location of the named party
 Syntax Notes:
 Semantic Notes:

Data Element Summary

	<u>Ref.</u>	<u>Date</u>	<u>Name</u>	<u>Attributes</u>
M	N301	166	Address Information Address information	M 1 AN 1/35
	N302	166	Address Information Address information (if necessary)	O 1 AN 1/35



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Segment: **N4** Geographic Location
 Position: 2500
 Loop: N1 Mandatory
 Level: Detail
 Usage: Mandatory
 Max Use: 1
 Purpose: To specify the geographic place of the named party
 Syntax Notes:
 Semantic Notes:

Data Element Summary

	<u>Ref. Des.</u>	<u>Date Element</u>	<u>Name</u>	<u>Attributes</u>
M	N401	019	City Name Free-form text for city name	M 1 AN 2/30
M	N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	M 1 ID 2/2
M	N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	M 1 ID 3/15
	N404	026	Country Code Code identifying the country	O 1 ID 2/3



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Segment: **HL** Hierarchical Level

Position: 0100

Loop: HLO Mandatory

Level: Detail

Usage: Mandatory

Max Use: 1

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

Syntax Notes:

Semantic Notes:

Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Date Element</u>	<u>Name</u>	<u>Attributes</u>
M	HL01	628	Hierarchical ID Number A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	M 1 AN 1/12
M	HL02	734	Hierarchical Parent ID Number A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	O 1 AN 1/12
M	HL03	735	Hierarchical Level Code Code defining the characteristic of a level in a hierarchical structure	M 1 ID 1/2
			<u>Code</u> <u>Description</u>	
			O Order	



856 Ship Notice/Manifest

Revision: 04/02/10

Segment: **PRF** Purchase order Reference

Position: 0500

Loop: HLO Mandatory

Level: Detail

Usage: Mandatory

Max Use: 1

Purpose: To provide reference to a specific purchase order

Syntax Notes:

Semantic Notes: 1 PRF04 is the date assigned by the purchaser to purchase order.

Data Element Summary

	<u>Ref.</u>	<u>Date</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	PRF01	324		Purchase Order Number	M 1 AN 1/22
				Identifying number for Purchase Order assigned by the ordered/purchaser	
M	PRF04	373		Date	M 1 DT 8/8
				Date expressed as CCYYMMDD; As appeared on the 850 Purchase Order	



856 Ship Notice/Manifest

Revision: 04/02/10

Segment: **REF** Reference Identification
 Position: 1500
 Loop: HLO Mandatory
 Level: Detail
 Usage: Mandatory
 Max Use: 1
 Purpose: To specify identifying information
 Syntax Notes:
 Semantic Notes:
 Comments:

Notes: The Vendor number sent back in the ASN must be the same vendor number sent in REF(IA) on the 850 Purchase Order you received.

Data Element Summary

	<u>Ref.</u>	<u>Date</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification <u>Code</u> <u>Description</u> IA Internal Vendor Number	M ID 2/3
M	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 7/7



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Revision: 04/02/10

Segment: **REF** Reference Identification
 Position: 1500
 Loop: HLO Mandatory
 Level: Detail
 Usage: Mandatory
 Max Use: 1
 Purpose: To specify identifying information
 Syntax Notes:
 Semantic Notes:
 Comments:
 Notes: The Segment is required by Maurice for all Shipments to locations

Data Element Summary

	<u>Ref.</u>	<u>Date</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification <u>Code</u> <u>Description</u> IV Seller's Invoice Number	M ID 2/3
M	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/12



856 Ship Notice/Manifest

Revision: 04/02/10

Segment: **N1** Name

Position: 2200

Loop: N1 Mandatory

Level: Detail

Usage: Mandatory

Max Use: 1

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

Syntax Notes: **1** At least of N102 or N103 is required.

2 If either N103 or N104 is present, then the other is required.

Semantic Notes:

Data Element Summary

	<u>Ref. Des.</u>	<u>Date Element</u>	<u>Name</u>	<u>Attributes</u>
M	N101	098	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an Individual <u>Code</u> <u>Description</u> BY Buying Party (Purchaser)	M 1 ID 2/3
M	N102	093	Name Free-form name	M 1 AN 1/35
M	N103	066	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) <u>Code</u> <u>Description</u> 92 Assigned by Buyer or Buyer's Agent	M 1 ID 1/2
M	N104	067	Identification Code Code identifying a party or other code This is Maurice Internal D.C. Location number	M 1 AN 4/4



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Revision: 04/02/10

Segment: **N2** Additional Name Information
 Position: 2300
 Loop: N1 Mandatory
 Level: Detail
 Usage: Optional
 Max Use: 1
 Purpose: To specify additional names
 Syntax Notes:
 Semantic Notes:

Data Element Summary

	<u>Ref.</u>	<u>Date</u>	<u>Name</u>	<u>Attributes</u>
M	N201	166	Name Free-form name	M 1 AN 1/35



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Revision: 04/02/10

Segment: **N3** Address Information
 Position: 2400
 Loop: N1 Mandatory
 Level: Detail
 Usage: Optional
 Max Use: 1
 Purpose: To specify the location of the named party
 Syntax Notes:
 Semantic Notes:

Data Element Summary

	<u>Ref.</u>	<u>Date</u>	<u>Name</u>	<u>Attributes</u>
M	N301	166	Address Information Address information	M 1 AN 1/35
	N302	166	Address Information Address information (if necessary)	O 1 AN 1/35



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Revision: 04/02/10

Segment: **N4** Geographic Location
 Position: 2500
 Loop: N1 Mandatory
 Level: Detail
 Usage: Optional
 Max Use: 1
 Purpose: To specify the geographic place of the named party
 Syntax Notes:
 Semantic Notes:

Data Element Summary

	<u>Ref. Des.</u>	<u>Date Element</u>	<u>Name</u>	<u>Attributes</u>
M	N401	019	City Name Free-form text for city name	M 1 AN 2/30
M	N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	M 1 ID 2/2
M	N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	M 1 ID 3/15
	N404	026	Country Code Code identifying the country	O 1 ID 2/3



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Revision: 04/02/10

Segment: **HL** Hierarchical Level

Position: 0100

Loop: HLP Mandatory

Level: Detail

Usage: Mandatory

Max Use: 1

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

Syntax Notes:

Semantic Notes:

Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Date Element</u>	<u>Name</u>	<u>Attributes</u>
M	HL01	628	Hierarchical ID Number A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	M 1 AN 1/12
M	HL02	734	Hierarchical Parent ID Number A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	O 1 AN 1/12
M	HL03	735	Hierarchical Level Code Code defining the characteristic of a level in a hierarchical structure	M 1 ID 1/2
			<u>Code</u> <u>Description</u>	
			P Pack	



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Revision: 04/02/10

Segment: **MAN** Mark and Numbers

Position: 1900

Loop: HLP Mandatory

Level: Detail

Usage: Mandatory

Max Use: 1

Purpose: To indicate identifying marks and numbers for shipping containers

Syntax Notes: 1 If either MAN04 or MAN05 is present, then the other is required.

Semantic Notes: 1 MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container.

Comments:

Notes: Shipments to Maurice DC require qualifier GM in MAN01. If a shipment is Being made to the DC and is being shipped via Parcel Carrier (i.e. UPS) both Qualifiers GM and CP are required. GM should be sent in MAN01 and CP in MAN04

Data Element Summary

Ref.	Date	Name	Attributes	
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
M	MAN01	88	Marks and Numbers Qualifier	M 1 AN 1/2
			Code specifying and application or source of Marks and Number (87)	
			<u>Code</u> <u>Description</u>	
			GM SSCC-18 and Application Identifier	
M	MAN02	87	Marks and Number	M 1 AN 1/48
			Marks and numbers used to identify a shipment or parts of a shipment	
	MAN04	88	Marks and Numbers Qualifier	X 1 AN 1/2
			Code specifying and application or source of Marks and Number (87)	
			<u>Code</u> <u>Description</u>	
			CP Carrier-Assigned Package ID Number	
	MAN05	87	Marks and Number	M 1 AN 1/48
			Marks and numbers used to identify a shipment or parts of a shipment	



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Revision: 04/02/10

Segment: **HL** Hierarchical Level

Position: 0100

Loop: HLI Mandatory

Level: Detail

Usage: Mandatory

Max Use: 1

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

Syntax Notes:

Semantic Notes:

Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Date Element</u>	<u>Name</u>	<u>Attributes</u>
M	HL01	628	Hierarchical ID Number A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	M 1 AN 1/12
M	HL02	734	Hierarchical Parent ID Number A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	O 1 AN 1/12
M	HL03	735	Hierarchical Level Code Code defining the characteristic of a level in a hierarchical structure	M 1 ID 1/2
			<u>Code</u> <u>Description</u>	
			I Item	



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Revision: 04/02/10

Segment: **LIN** **Item Identification**
 Position: 0200
 Loop: HLI Mandatory
 Level: Detail
 Usage: Mandatory
 Max Use: 1
 Purpose: To specify basic item identification data
 Syntax Notes: 1 If either LIN06 or LIN07 is present, then the other is required
 2 If either LIN08 or LIN09 is present, then the other is required
 3 If either LIN10 or LIN11 is present, then the other is required

Data Element Summary

Ref.	Date	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	LIN02	235 Product/Service ID Qualifier	M 1 ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		<u>Code</u> <u>Description</u>	
		CB Buyer Catalog Number	
M	LIN03	234 Product/Service ID	M 1 AN 1/48
		Identifying number for a product or service	
M	LIN04	235 Product/Service ID Qualifier	X 1 ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		<u>Code</u> <u>Description</u>	
		UP UCC - 12	
		Data structure for the 12 digit EAN.UCC (EAN International Uniform Code Council) Global Trade Identification Number (GTIN). Also known as the Universal Product Code (U.P.C.)	
M	LIN05	234 Product/Service ID	X 1 AN 1/48
		Identifying number for a product or service	
	LIN06	235 Product/Service ID Qualifier	X 1 ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		<u>Code</u> <u>Description</u>	
		VP Vendor's (Seller's) Part Number	
	LIN07	234 Product/Service ID	X AN 1/48
		Identifying number for a product or service	



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Data Element Summary

<u>Ref.</u>	<u>Date</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
LIN08	235	Product/Service ID Qualifier	X 1 ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		<u>Code</u> <u>Description</u>	
		UK EAN/UCC - 14	
		Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN).	
LIN09	234	Product/Service ID	X 1 AN 1/14
		Identifying number for a product or service	
LIN10	235	Product/Service ID Qualifier	X 1 ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		<u>Code</u> <u>Description</u>	
		HD International harmonized Commodity Code	
LIN11	234	Product/Service ID	X 1 AN 1/20
		Identifying number for a product or service	
		Tariff Code	
		<i>For Customs authority purposes, the class and description of a subject or Material item per harmonized agreements on tariff commodity codes.</i>	
		(For Import Only)	



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Revision: 04/02/10

Segment: **SN1** Item Detail (Shipment)
 Position: 0300
 Loop: HLI Mandatory
 Level: Detail
 Usage: Mandatory
 Max Use: 1
 Purpose: To specify line-item detail relative to shipment
 Syntax Notes:

Data Element Summary

	<u>Ref. Des.</u>	<u>Date Element</u>	<u>Name</u>	<u>Attributes</u>
M	SN102	382	Number of Units Shipped Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set	M 1 R 1/10
M	SN103	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <u>Code</u> <u>Description</u> EA Each	M 1 ID 2/2
	SN105	330	Quantity Ordered Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set	C 1 R 1/10
	SN106	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <u>Code</u> <u>Description</u> EA Each	C 1 ID 2/2



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Revision: 04/02/10

Segment: **PO4** Item Physical Details
 Position: 0600
 Loop: HLI Mandatory
 Level: Detail
 Usage: Conditional
 Max Use: 1
 Purpose: To specify the physical qualities, packaging, weights, and dimensions relating to the item
 Syntax Notes:
 Semantic Notes:

Data Element Summary

<u>Ref.</u>	<u>Date</u>	<u>Name</u>	<u>Attributes</u>
PO401	356	Pack	M 1 N0 1/6
		The number of inner containers, or number of eaches if there are no inner containers, per outer container	
		Number of Inner Units per Outer container (case)	
PO414	810	Inner Pack	M 1 N0 1/6
		The number of eaches per inner container.	



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Revision: 04/02/10

Segment: **PID** **Product/Item Description**
 Position: 0700
 Loop: HLI Mandatory
 Level: Detail
 Usage: Optional
 Max Use: 1
 Purpose: To describe a product or process in coded or free-form format
 Syntax Notes:
 Semantic Notes:
 Comments :

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Date</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	PID01	349	Item Description Type Code indicating the format of a description <u>Code</u> <u>Description</u> F Free-form	M 1 ID 1/1
M	PID02	750	Product/Process Characteristic Code Code identifying the general class of a product or process characteristic <u>Code</u> <u>Description</u> 08 Product	M 1 ID 2/3
M	PID05	352	Description A free-form description to clarify the related data elements and their content Item Description	M 1 AN 1/80



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Revision: 04/02/10

Segment: **CTT** **Transaction Totals**
 Position: 0100
 Loop:
 Level: Summary
 Usage: Mandatory
 Max Use: 1
 Purpose: To transmit a hash total for a specific element in the transaction set
 Syntax Notes:
 Semantic Notes:
 Comments:

Data Element Summary

	<u>Ref.</u>	<u>Date</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	CTT01	354	Number of Line Items Total number of line items in the transaction	M 1 N0 1/6



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Revision: 04/02/10

Segment: **SE** Transaction Set Trailer

Position: 0200

Loop:

Level: Summary

Usage: Mandatory

Max Use: 1

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Syntax Notes:

Semantic Notes: 1. SE is the last segment of each transaction set.

Comments:

Data Element Summary

	<u>Ref.</u>	<u>Date</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	SE01	096	Number of included Segments <i>Total number of segments included in a transaction set including ST and SE segments</i>	M 1 N0 1/10
M	SE02	329	Transaction Set Control Number <i>Identifying control number that must be unique within the transaction set Functional group assigned by the originator for a transaction set. Must be the same number as ST02</i>	M 1 AN 4/9



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Sample:



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Distribution Centers

Maurice Chicago Warehouse #0011

1825 Shermer Road
Northbrook, IL. 60062-5385

Maurice Atlanta Warehouse #0012

1325 Hwy. 155 South
McDonough GA, 30253-7506

Maurice Western Warehouse #0015

4980 Longley Lane
Reno NV. 89502-7932

Maurice Canada Warehouse #0016

7045 Beckett Dr. Unit 15
Mississauga ON. L5S 2A3