

**Reverse 856 Outbound Ship Notice/Manifest  
Pick/Pack Structure**

**Macy's  
Document Mapping**

**Version 4050  
Effective 06/01/07**

**PICK and PACK STRUCTURE  
Shipment/Order/Pack/Item**

The following is an outline of what will be sent in an 856 Ship Notice to a vendor.

A separate ship notice must be provided for each bill of lading. In the case of multiple truck loads, each truck load requires a unique BOL and a separate ship notice.

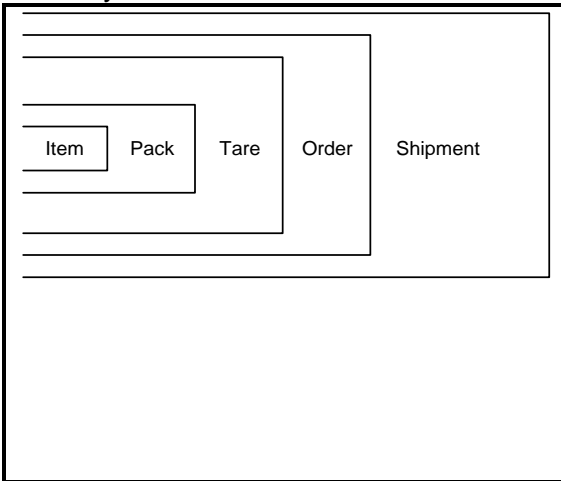
If you have questions or need assistance with this document, call 513-782-1222.

**Note:** Functional Acknowledgments are required from vendors for all documents sent by Macy's.

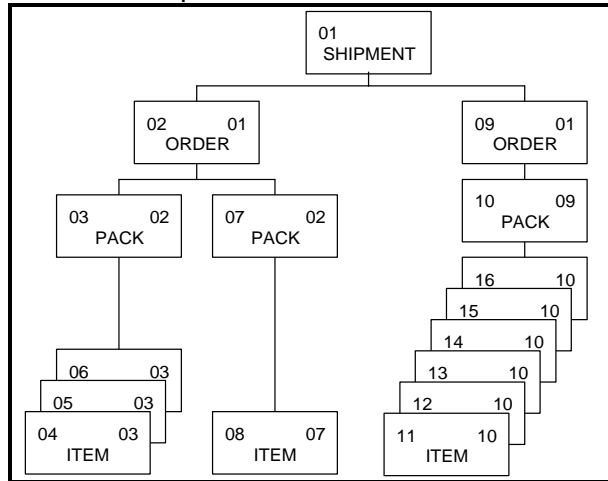
**REQUIRED STRUCTURE**

The following diagrams detail the structure required in this document.

The following example depicts the detail area of the Ship Notice/Manifest transaction for use within the retail industry.



Each box represents one hierarchical level and associated data segments detailed in this explanation. Required hierarchical levels are represented.



Reverse 856 Ship Notice/Manifest, Pick/Pack Structure, continued

Header Envelope Segments

M*/O*	Segment	Data	Element	Value/Comments
M	<b>ISA</b>	ISA01	Qualifier	00
		ISA02	Authorization	Blanks
		ISA03	Qualifier	00
		ISA04	Security	Blanks
		ISA05	Qualifier	01 – Duns Number 08 – UCC Communication ID 12 – Telephone Number
		ISA06	Sender ID	Sender's Identifier
		ISA07	Qualifier	08 – UCC Communication ID
		ISA08	Receiver ID	UCC Assigned Communication ID
		ISA09	Date	YYMMDD
		ISA10	Time	HHMM
		ISA11	Standard ID	U – ANSI X.12
		ISA12	Version	00401
		ISA13	Control Number	Sequential Number
		ISA14	Request Acknowledgment	0 – No
		ISA15	Test Indicator	P – Production
		ISA16	Subelement Separator	>
M	<b>GS</b>	GS01	ID	SH
		GS02	Sender ID	Same as ISA06
		GS03	Receiver ID	Same as ISA08
		GS04	Date	CCYYMMDD
		GS05	Time	HHMM
		GS06	Control Number	Sequential Number
		GS07	Agency	X – ANSI X.12
		GS08	Version	004050VICS

Header Segments

M*/O*	Segment	Data	Element	Value/Comments
M	<b>ST</b>	ST01	ID	856
		ST02	Control Number	Sequential Number
M	<b>BSN</b>	BSN01	Transaction Set Purpose Code	00 – Original 07 – Duplicate
		BSN02	Ship Identification	Shipment Number. BOL number with divisional alpha character
		BSN03	Date	CCYYMMDD, Date Assigned to the Transmission of the Document
		BSN04	Time	HHMMSSDD, Time Assigned to the Transmission of the Document

\*M = Mandatory for Application, O = Optional

Reverse 856 Ship Notice/Manifest, Pick/Pack Structure, continued

Detail Segments M*/O *	Segment	Data	Element	Value/Comments
M	<b>HL</b>  (SHIPMENT)	HL01	Hierarchical ID Number	1 – Shipment Level
		HL03	Hierarchical Level Code	Code Defining Level of Structure: S – Shipment
M	<b>TD1</b>	TD101	Packaging Code	CTN25 PLT76
		TD102	Lading Quantity	Total Number of Cartons for Shipment
		TD106	Weight Qualifier	G – Gross Weight
		TD107	Weight	Numeric Value of Weight
		TD108	UOM Code	LB – Pound KG – Kilogram
M	<b>TD5</b>	TD501	Routing Sequence Code	'O'- Origin Carrier
		TD502	Identification Qualifier	'2' – SCAC Code
		TD503	Identification Code	SCAC Code
		TD504	Transportation Method Code	'L' – Contract Carrier
		TD505	Routing	Free-form Description of Routing (Carrier's Four- character SCAC Code)
	<b>REF</b>	REF01	Reference Number Qualifier	'CN'
		REF02	Reference Number	(PRO/Freight Invoice)
M	<b>REF</b>	REF01	Reference Number Qualifier	'BM' – Bill of Lading Number
		REF02	Reference Number	Bill of Lading (Same as shipment number in BSN02 without division alpha code)
	<b>REF</b>	REF01	Reference Number Qualifier	'MR' – Merchandise Type Code
		REF02	Reference Identification	-Accommodation -Special -SDV Damage -SDV Special
	<b>DTM</b>	DTM01	Date/Time Qualifier	'011'- Shipped
		DTM02	Shipment Date	CCYYMMDD, Estimated Ship Date

\*M = Mandatory for Application, O = Optional

Reverse 856 Ship Notice/Manifest, Pick/Pack Structure, continued

M*/O*	Segment	Data	Element	Value/Comments
M	<b>N1</b>	N101	Entity Identifier Code	Code to Identify Organization or Physical Location SF – Ship From (CRC location)
		N102	Name	CRC Location Name
		N103	Identification Code Qualifier	Method of Code Structure: 92 – Assigned by Buyer
		N104	Identification Code	CRC location number
	<b>N3</b>	N301	Address Information	Address Information
		N302	Address Information	Address Information
	<b>N4</b>	N401	City Name	Free-form text
		N402	State or Province Code	State or Province Code
		N403	Postal Code	Zip code for United States
		N404	Country Code	Code identifying the country
M	<b>N1</b>	N101	Entity Identifier Code	Code to Identify Organization or Physical Location ST – Ship To
		N102	Name	Ship To Vendor Name
		N103	Identification Code Qualifier	'1'- Duns Number
		N104	Identification Code	Duns Number
	<b>N3</b>	N301	Address Information	Address Information
		N302	Address Information	Address Information
M	<b>N4</b>	N401	City Name	Name of City
		N402	State or Province	State Code, for example: NY, GA
M	<b>HL (ORDER)</b>	HL01	Hierarchical ID Number	Unique Number
		HL03	Hierarchical Level code	O – Order
M	<b>PRF</b>	PRF01	Claim/Charge back Number	Charge back at the Department/vendor level
	<b>TD1</b>	TD101	Packaging Code	CTN25
		TD102	Quantity	Total number of containers in shipment for store
	<b>REF</b>	REF01	Reference Identification Qualifier	'PD'
		REF02	Reference Identification	Notes/RA#
	<b>REF</b>	REF01	Reference Identification Qualifier	'PD'
		REF02	Reference Identification	Notes/RA# **The REF segment may be repeated based on shipment or container notes**

\*M = Mandatory for Application, O = Optional

Reverse 856 Ship Notice/Manifest, Pick/Pack Structure, continued

<b>N1</b>	N101	Entity Identifier Code	'BY' (Purchaser)
	N102	Name	Free form text
	N103	Identification Code Qualifier	'92'
	N104	Identification Code	Location number

M\*/O\* Segment Data Element Value/Comments

**Note:** Order level N1 segment is used to access store number; segment must be present to get store number. Segment only used when entity code is BY in the order hierarchy level to retrieve the store number.

O	<b>HL (PACK)</b>	HL101	Hierarchical ID Number	Unique Number
		HL103	Hierarchical Level code	P – Pack
O	<b>MAN</b>	MAN01	Marks and Numbers Qualifier	Code to Identify Number Source SM – Shipper Assigned
		MAN02	Marks and Numbers	Marks and Numbers Used to Identify Shipment container number. (Only use UCC code 128 SCM Numbers)

**Note:** MAN segment is used to identify carton number when it follows pack level HL segment. MAN segment is required if data is to be viewed at carton number level. (Only use 20 digit UCC-128 serial container marking numbers.)

M	<b>HL (ITEM)</b>	HL101	Hierarchical ID Number	Unique Number
		HL103	Hierarchical Level code	I – Item
M	<b>LIN</b>	LIN02	Product/Service ID Qualifier	Code to Identify Type of Information Within the Set UP – UPC Number Identifier EN – European Article Number UK – GTIN Number
		LIN03	Product/Service ID	Identifying Number of Product UPC Number (12 Digits) EAN Number (13 Digits) GTIN Number (14 Digits)

**Note:** LIN segment used to access all UPC numbers associated with the order. Other information such as vendor style, color, or size will be ignored. LIN02 qualifiers cannot repeat within the same LIN segment. LIN segment is required for the 856 application.

\*M = Mandatory for Application, O = Optional

Reverse 856 Ship Notice/Manifest, Pick/Pack Structure, continued

M*/O*	Segment	Data	Element	Value/Comments
M	<b>SN1</b>	SN102	Number of Units Shipped	Number of Units Shipped for LIN Segment Just Sent.
		SN103	UOM Code	EA – Unit of Measure Always Each
	<b>SLN</b>	SLN01	Assigned Identification	Number assigned for differentiation within a transaction set.
		SLN03	Relationship Code	'I'- Included
		SLN06	Unit Price	Cost of Item
		SLN07	Basis of Unit Price Code	'TE' (Contracted Price for Item)

**Note:** SN1 segment only used to retrieve quantity information about the item information contained on the preceding LIN segment.

Summary Segments

M*/O*	Segment	Data	Element	Value/Comments
M	<b>CTT</b>	CTT01	Number of Line Items	Total Number of HL Segments in Transaction Set
M	<b>SE</b>	SE01	Total Number of Segments	Segment Count Including ST and SE Segments
		SE02	Control Number	Sequential number, Same as in ST02

Trailer Envelope Segments

M*/O*	Segment	Data	Element	Value/Comments
M	<b>GE</b>	GE01	Total Number of ST Segments	Total Number of ST Segments
		GE02	Control Number	Sequential Number, Same as in GS06
M	<b>IEA</b>	IEA01	Total Number of GS Segments	Total Number of GS Segments
		IEA02	Control Number	Sequential Number, Same as in ISA13

\*M = Mandatory for Application, O = Optional