856 Ship Notice/Manifest
Standard Carton Pack Structure

Macy's   **VICS Version 5010**
VICS Document Mapping   **Effective 06/12/09**

The following is an outline of what is expected when receiving VICS 856 Ship Notice from a vendor.

STANDARD CARTON PACK STRUCTURE

Shipment/Order/Item/Pack

Many Macy's / Bloomingdale's divisions use more than one distribution facility, therefore you must generate and transmit a separate EDI Ship Notice for each facility/shipment. 'Ship To' information may be obtained from the Macy's Transportation Routing Guide.

Your Ship/Notice Manifest must be in our system before your shipment arrives at our distribution facility. An expense offset will be assessed if this requirement is not met. We require a consolidated VICS 856 Ship Notice/Manifest with carton level information for every shipment to a Macy's distribution facility. However, the industry standard for merchandise shipped by small package carriers (for example, RPS or UPS) requires one 856 per carton. The tracking number should be the number used in the REF BM segment of the ship notice.

A separate ship notice must be provided for each **Master Bill of Lading**. In the case of multiple truck loads, each truck load requires a unique BOL and a separate ship notice. **Please refer to the Macy's Transportation Routing Guide for complete Bill of Lading information.**

Deviation from the standard VICS 856 format may negate our ability to receive data from trading partners.

The segments listed below are the minimum requirements for the 856 system. Other segments and information can be defined and sent; however, system modifications may be required to accommodate them. For definitions of the segments, please see the VICS retail industry conventions and guidelines for EDI.

The following segments are based on VICS 5010. Refer to individual manuals for differences in standards.

Do not send lowercase characters. Do not send spaces in the REF BM segment.

If you have questions or need assistance with testing this document, call the EC Technology group at (513)782-1222.

Questions? Call (678) 474-3595; 8 a.m. - 6 p.m. (Eastern time)

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Note: Macy's now requires vendors to send the order level PID segment to indicate compliance with the Fair Labor Standards Act**.**
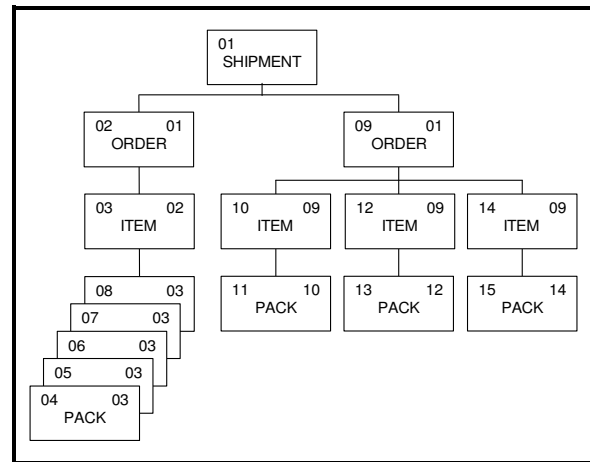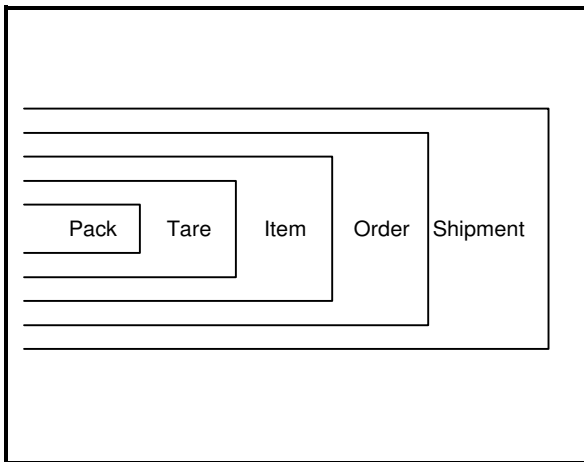
Note: Functional Acknowledgments will be sent for all documents transmitted to Macy's by vendors.

REQUIRED STRUCTURE

The following diagrams detail the structure required in this document. Failure to adhere to this structure will cause the 856 data to be incompatible with receiving applications; therefore, this structure is considered mandatory.

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.

Pack	Tare	Item	Order	Shipment

01 SHIPMENT

02 01 ORDER   09 01 ORDER

03 02 ITEM   10 09 ITEM   12 09 ITEM   14 09 ITEM

08 03 / 07 03 / 06 03 / 05 03 / 04 03 PACK   11 10 PACK   13 12 PACK   15 14 PACK

*M = Mandatory for Application, O = Optional

M*/O*	Segment	Data	Element	Value/Comments
M	ISA	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	00501
		ISA13	Control Number	Sequential number
		ISA14	Request Acknowledgment	0 – No
		ISA15	Test Indicator	P – Production
		ISA16	Subelement Separator	>
M	GS	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	005010VICS

Header Segments

M*/O*	Segment	Data	Element	Value/Comments
M	ST	ST01	ID	856
		ST02	Control Number	Sequential number
M	BSN	BSN01	Transaction Set Purpose Code	00 – Original
				07 – Duplicate
		BSN02	Ship Identification	Vendor's Shipment Number. Should be unique for every 856. **For Master BOL shipments, provide a unique shipment number per division.**
		BSN03	Date	CCYYMMDD, Date Assigned to the Transmission of the Document
		BSN04	Time	HHMMSS, Time Assigned to the Transmission of the Document

*M = Mandatory for Application, O = Optional

Detail Segments

M*/O*	Segment	Data	Element	Value/Comments
M	HL (Shipment)	HL01	Hierarchical ID Number	1 – Shipment Level
		HL03	Hierarchical Level Code	Code Defining Level of Structure: S – Shipment
M	TD1	TD101	Packaging Code	CTN25 PLT76
		TD102	Lading Quantity	Total Number of Shipping Units for BOL
		TD106	Weight Qualifier	G – Gross Weight
		TD107	Weight	Numeric Value of Weight
		TD108	UOM Code	LB – Pound KG – Kilogram
M	TD5	TD504	Transportation Method Code	M – Motor A – Air C – Consolidated
		TD505	Routing	Free-form Description of Routing (Carrier or Carrier's Four-character SCAC Code)
		TD506	Shipment/Order Status Code	CC – Ship Complete

NOTE: ALL FREIGHT SHIPPING FROM ONE VENDOR ORIGIN TO ONE MACY'S DESTINATION, MUST BE COMBINED INTO ONE MASTER BOL. THE QUALIFIER 'MB' SHOULD BE SENT IN THE REF01. THE MASTER BOL VALUE SHOULD BE SENT IN THE REF02. A UNIQUE ASN MUST BE SENT FOR EACH MACY'S DIVISION.

M	REF	REF01	Reference Number Qualifier	MB – Master Bill of Lading
		REF02	Reference Number	Master Bill of Lading Number

NOTE: WHEN USING MASTER BOL BOTH THE REF MB AND THE REF BM ARE REQUIRED.

M	REF	REF01	Reference Number Qualifier	BM – Bill of Lading Number or tracking number
		REF02	Reference Number	Bill of Lading or tracking number (small package carriers, i.e. UPS or RPS)

*M = Mandatory for Application, O = Optional

> **Note:** Bill of lading number must be unique in the Macy's Division for each shipment. Receipt of duplicate bill of lading numbers within the same Macy's Division will be rejected from our system unless the BSN01 is flagged '07' (retransmission)

M	DTM	DTM01	Date/Time Qualifier	Code to Identify Date/Time Type: 011 – Shipped
		DTM02	Shipment Date	CCYYMMDD, Anticipated Ship Date

M	DTM	DTM01	Date/Time Qualifier	Code to Identify Date/Time Type: 067 – Current Schedule Delivery
		DTM02	Delivery Date	CCYYMMDD, Anticipated Delivery Date

O	FOB	FOB01	Shipment Payment Method	CC – Collect PP – Prepaid

M*/O*	Segment	Data	Element	Value/Comments
M	N1	N101	Entity Identifier Code	Code to Identify Organization or Physical Location: ST – Ship To (Distribution Center)
		N103	Identification Code Qualifier	Method of Code Structure: 92 – Assigned by Buyer
		N104	Identification Code	Retailer-Assigned Code to Identify the Ship To DC

> **Note:** Failure to transmit the correct Ship To DC code will cause the 856 data to be incompatible with receiving applications.

M	N1	N101	Entity Identifier Code	Code to Identify Organization or Physical Location: SF – Ship From
		N102	Name	Free-form Name of Shipper

M	N4	N401	City Name	Name of City
		N402	State or Province	State Code, for example, NY or GA

> **Note:** N4 segment is only used in association with the N1 with N101 ID Code, SF.

M	HL (Order)	HL01	Hierarchical ID Number	Unique Number
		HL03	Hierarchical Level code	O – Order

*M = Mandatory for Application, O = Optional

> **Note:** A new order level must be provided for each PO/store occurrence within the Bill of Lading/shipment.

M	PRF	PRF01	Purchase Order Number	Identifying Purchase Order Number from Retailer (Prefer 7-digit number)

> **Note:** Macy's, Inc. requires vendors to indicate compliance to the Fair Labor Standards Act in the PID segment

M	PID	PID01	Item Description Qualifier	'S' Structured
		PID03	Agency Qualifier Code	'VI' VICS
		PID04	Product Description Code	'FL' Compliant with Fair Labor Standards Act

M	TD1	TD101	Packaging Code	CTN25 PLT76
		TD102	Lading Quantity	Total Number of Shipping Units in PO/store

O	REF	REF01	Ref Number Qualifier	IV – Seller's Invoice Number
		REF02	Ref Number	Invoice Number

M*/O*	Segment	Data	Element	Value/Comments
M	N1	N101	Entity Identifier Code	BY – Buying Party
		N103	Identification Code Qualifier	92 – Assigned by Buyer
		N104	Identification Code	Buyer's Selling Location (Store Number)

> **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 store number.
>
> Order level N1 segment is required for the 856 application.

M	HL (Item)	HL101	Hierarchical ID Number	Unique Number
		HL103	Hierarchical Level code	I – Item

M	LIN	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

*M = Mandatory for Application, O = Optional

		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	SN1	SN102	Number of Units Shipped	Number of Units Shipped for LIN Segment Just Sent
		SN103	UOM Code	EA – Unit of Measure Always Each

M	HL (Pack)	HL101	Hierarchical ID Number	Unique Number
		HL103	Hierarchical Level Code	P – Pack

M	PO4	PO402	Size	Number of selling units for UPC in carton
		PO403	UOM Code	EA – Each

> **Note:** The PO4 segment is mandatory for the standard carton pack in order to ensure valid quantity levels.

M*/O*	Segment	Data	Element	Value/Comments
M	MAN	MAN01	Marks and Numbers Qualifier	Code to Identify Number Source: GM – UCC-128 Serial Shipping Container Code Format
		MAN02	Marks and Numbers	Marks and Numbers Used to Identify Shipment. 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.

Summary Segments

M*/O*	Segment	Data	Element	Value/Comments
M	CTT	CTT01	Number of Line Items	Total Number of HL Segments in Transaction Set
M	SE	SE01	Total Number of Segments	Segment Count Including ST and SE Segments

*M = Mandatory for Application, O = Optional

		SE02	Control Number	Sequential number, Same as in ST02

Trailer Envelope Segments

M*/O*	Segment	Data	Element	Value/Comments
M	GE	GE01	Total Number of ST Segments	Total Number of ST Segments
		GE02	Control Number	Sequential Number, Same as in GS06
M	IEA	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