

Macy's 856 Ship Notice/Manifest - 5010 VICS version
Standard Carton Pack Structure
Shipment/Order/Item/Pack

The following is an outline of what is required when receiving a GS1-VICS 856 Ship Notice from a vendor.

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 the merge center and our distribution facility. An expense offset will be assessed if this requirement is not met. We require a consolidated GS1-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, FedEx or UPS) requires one 856 per carton. The tracking number should be the number used in the REF BM segment of the ship notice.

Deviation from the standard GS1-VICS 856 formats may negate our ability to receive data from trading partners.

The segments outlined in this document 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 GS1- VICS retail industry conventions and guidelines for EDI.

The 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.

Master Bill of Lading – ASN

Macy's and Bloomingdale's divisions shipping together on the same day from one location to a single final destination DC

A separate ship notice must be provided for each Master Bill of Lading.

A unique shipment number is required per division.

Multiple truckloads require a unique BOL and a separate ship notice.

Refer to the Macy's Transportation Routing Guide for complete Bill of Lading information.

Master Bill of Lading – Hard Copy for 1:1 Merge Center Network

A Master BOL is required for all shipments with a single authorization number from Macy's Transportation to multiple final destination DCs - with a routing destination via a 1:1 Merge Center network.

The Master BOL number (for shipments via the 1:1 Merge Center network) is NOT transmitted on the EDI 856.

Macy's requires vendors to send the order level PID segment to indicate compliance with the Fair Labor Standards Act.

Functional Acknowledgments will be sent for all documents transmitted to Macy's by vendors.

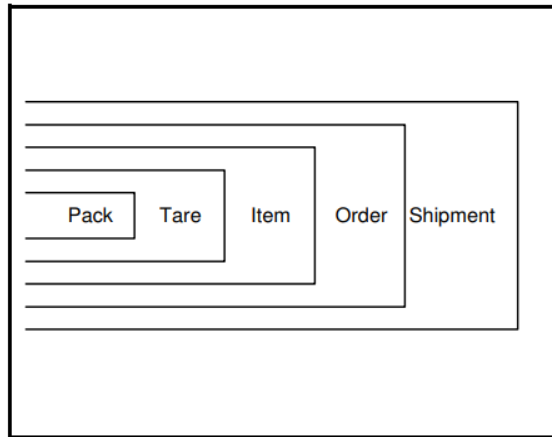
If you have questions or need assistance with testing this document, email financialec@macys.com

Required Structure

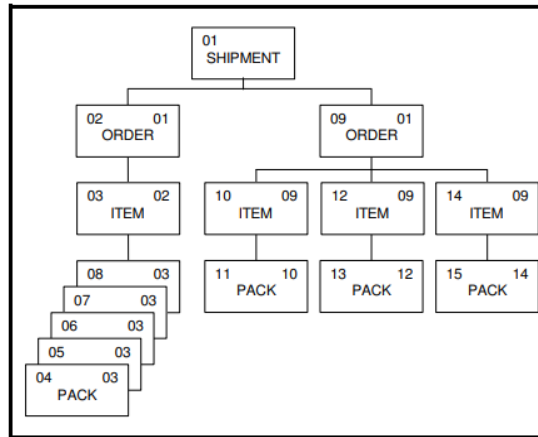
The following diagrams detail the structure required in this document. Failure to adhere to this structure will cause the 856 data to be incompatible with receiving applications; therefore, this structure is considered mandatory.



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.



Mandatory/ Optional	Segment	Data	Element	Value/Comments
Header Envelope Segments				
M	ISA	ISA01	Qualifier	00
M	ISA	ISA02	Authorization	Blanks
M	ISA	ISA03	Qualifier	00
M	ISA	ISA04	Security	Blanks
				01 - Duns Number
				08 - GS1 (UCC) Communication ID
				12 - Telephone Number
				ZZ - Mutually Defined
M	ISA	ISA05	Qualifier	
M	ISA	ISA06	Sender ID	Sender's Identifier
M	ISA	ISA07	Qualifier	08 - UCC Communication ID

M	ISA	ISA08	Receiver ID	UCC Assigned Communication ID
M	ISA	ISA09	Date	YYMMDD
M	ISA	ISA10	Time	HHMM
M	ISA	ISA11	Standard ID	U – ANSI X.12
M	ISA	ISA12	Version	00501
M	ISA	ISA13	Control Number	Sequential Number
M	ISA	ISA14	Request Acknowledgment	0 - No
M	ISA	ISA15	Test Indicator	P – Production
M	ISA	ISA16	Sub element Separator	>
M	GS	GS01	ID	SH
M	GS	GS02	Sender ID	Same as ISA06
M	GS	GS03	Receiver ID	Same as ISA08
M	GS	GS04	Date	CCYYMMDD
M	GS	GS05	Time	HHMM
M	GS	GS06	Control Number	Sequential Number
M	GS	GS07	Agency	X – ANSI X.12
M	GS	GS08	Version	005010VICS

Header Segments

M	ST	ST01	ID	856
M	ST	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 per division
M	BSN			
M	BSN	BSN03	Date	CCYYMMDD, Date Assigned to the Transmission of the Document
M	BSN	BSN04	Time	HHMMSS, Time Assigned to the Transmission of the Document

Detail Segments

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

NOTE: Macy's and Bloomingdale's divisions shipping on one day from one location to a single final destination DC, on the same trailer must be combined onto ONE Master BOL. THE QUALIFIER 'MB' SHOULD BE SENT IN THE REF01. THE MASTER BOL VALUE SHOULD BE SENT IN THE REF02.

O	REF	REF01	Reference Number Qualifier	MB - Master Bill of Lading
O	REF	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 for small package carriers
M	REF	REF02	Reference Number	Bill of Lading or tracking number (small package carriers, i.e. UPS or FedEx)

Note: The 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	REF	REF01	Reference Number Qualifier	AO- Authorization Number	New Segment Requirement 2/1/2026
M	REF	REF02	Reference Number	Trip ID/Authorization Number provided in the Macy's Routing Notification email	New Segment Requirement 2/1/2026

M	DTM	DTM01	Date/Time Qualifier	Code to Identify Date/Time Type: 011 - Shipped
M	DTM	DTM02	Shipment Date	CCYMMDD, Estimated Ship Date
M	DTM	DTM01	Date/Time Qualifier	Code to Identify Date/Time Type: 067 - Current Schedule Delivery
M	DTM	DTM02	Delivery Date	CCYMMDD, Estimated Delivery Date
O	FOB	FOB01	Shipment Payment Method	CC- Collect PP-Prepaid
M	N1	N101	Entity Identifier Code	Code to Identify Organization or Physical Location ST – Ship To (Distribution Center)
M	N1	N103	Identification Code Qualifier	Method of Code Structure: 92 - Assigned by Buyer
M	N1	N104	Identification Code	Retailer Assigned -Ship to DC Code

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
M	N1	N102	Name	Free-form Name of Shipper
M	N4	N401	City Name	Name of City
M	N4	N402	State or Province	State Code; for example NY, GA

Note: The N4 segment is only used in association with the N1 with N101 ID-Code SF.

M	HL (Order)	HL01	Hierarchical ID Number	Unique Number
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M	HL (Order)	HL03	Hierarchical Level code	O - Order
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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 (numeric only)
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Note: Macy's requires vendors to indicate compliance with the Fair Labor Standards Act in the PID segment.

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

M	TD1	TD101	Packaging Code	CTN25 PLT76
M	TD1	TD102	Lading Quantity	Total Number of cartons for PO/store

O	REF	REF01	Ref Number Qualifier	IV - Sellers Invoice Number
O	REF	REF02	Ref Number	Invoice Number

M	N1	N101	Entity Identifier Code	BY-Buying Party
M	N1	N103	Identification Code Qualifier	92 - Assigned by Buyer
M	N1	N104	Identification Code	Store Number (4 digits)

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

Order level N1 segment is required for the 856 application.

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

				Code to Identify Type of Information Within the Set
M	LIN	LIN02	Product/Service ID Qualifier	UP - UPC Number Identifier EN - European Article Number UK - GTIN
				Identifying Number of Product UPC Number (12 Digits) EAN Number (13 digits) GTIN Number (14 Digits)
M	LIN	LIN03	Product/Service ID	

Note: The LIN segment is 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.

				Number of Selling Units Shipped for the LIN Segment Just Sent
M	SN1	SN102	Number of Units Shipped	
M	SN1	SN103	UOM Code	EA - Unit of Measure Always Each

Note: The SN1 segment is only used to retrieve quantity information about the item information contained in the preceding LIN segment. The SN1 segment must follow the related LIN segment in the transmission for the 856 application to work correctly.

M	HL (Pack)	HL101	Hierarchical ID Number	Unique Number
M	HL (Pack)	HL103	Hierarchical Level code	P-Pack
M	P04	PO402	Pack	Number of selling units for UPC in carton
M	P04	PO403	UOM Code	EA-Each

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

				Code to Identify Number Source
M	MAN	MAN01	Marks and Numbers Qualifier	GM - General Merchandise
M	MAN	MAN02	Marks and Numbers	Marks and Numbers Used to Identify Shipment (Only use GS1 code 128 SCM Numbers)

Note: MAN segment is used to identify carton number when it follows pack level HL segment. MAN segment is required so data can be viewed at the carton number level. (Only use 20-digit GS1-128 serial container marking numbers.)

Summary Segments

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	SE	SE02	Control Number	Sequential number, same as in ST02

Trailer Envelope Segments

M	GE	GE01	Total Number of ST Segments	Total Number of ST Segments
M	GE	GE02	Control Number	Sequential number, same as in GS06
M	IEA	IEA01	Total Number of GS Segments	Total Number of GS Segments
M	IEA	IEA02	Control Number	Sequential number, same as in ISA13

Revision Date 9/30/2025