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# 856 Ship Notice/Manifest

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## Pick/Pack Structure

WITH VENDOR DIRECT FULFILLMENT (VFD) ORDERS

Macy's  
GS1 Document Mapping

GS1 Version 4050  
Effective 10/21/2019

### PICK and PACK STRUCTURE

#### Shipment/Order/Pack/Item

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

Your Ship/Notice Manifest must be in our system the same day the order ships to the customer. An expense offset will be assessed if this requirement is not met. The tracking number should be the number used in the REF BM segment of the ship notice. For shipments with more than one carton for the same PO a new header segment and all detail segments should be repeated in order to send the multiple tracking numbers as separate Bills Of Lading in separate REF BM segments.

Deviation from the standard GS1 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 GS1 retail industry conventions and guidelines for EDI.

The following segments are based on GS1 4050. 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.

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

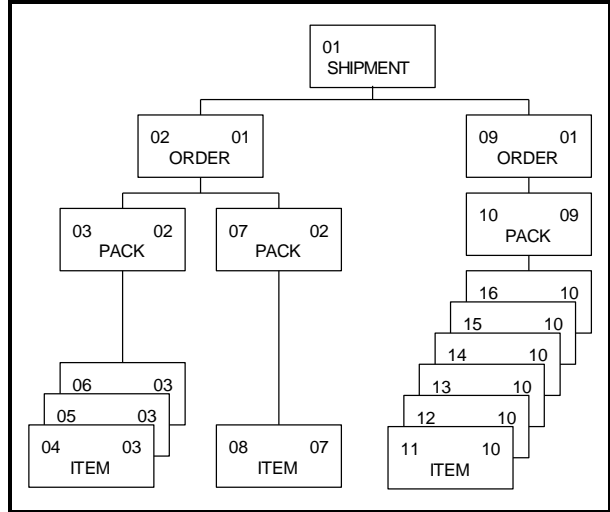
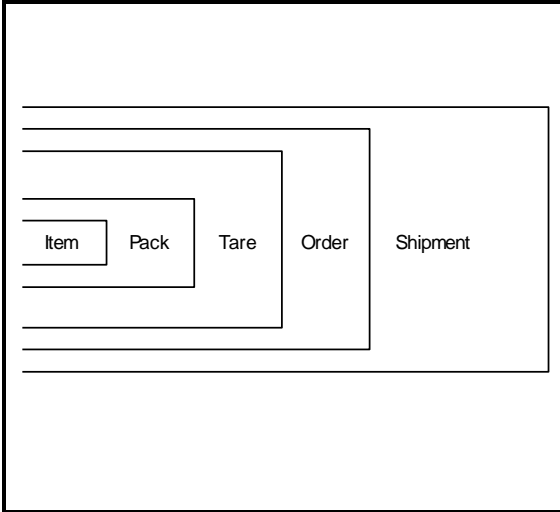
**Note:** Functional Acknowledgments will be sent for all documents transmitted to Macy's by vendors.

**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.



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

Header Envelope Segments

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	00405
		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	004050GS1

Header Segments

M	ST	ST01	ID	856
		ST02	Control Number	Sequential Number

**Note:** For each separate UPS/FedEx tracking number, the ST header segment and its detail segments must be repeated in order to send multiple tracking numbers as separate Bills of Lading in separate REF BM segments.

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

M*/O*	Segment	Data Element	Data Element	Value/Comments
M	BSN	BSN01	Transaction Set Purpose Code	00 – Original 07 – Duplicate
		BSN02	Ship Identification	Vendor's Shipment Number. Should be unique for Every 856.
		BSN03	Date	CCYYMMDD, Date Assigned to the Transmission of the Document
		BSN04	Time	HHMMSS, Time Assigned to the Transmission of the Document

**Detail Segments**

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 Cartons for Shipment
		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 – Consolidate
		TD505	Routing	Free-form Description of Routing (Carrier or Carrier's Four-character SCAC Code)
		TD506	Shipment/Order Status Code	CC – Ship Complete
M	REF	REF01	Reference Number Qualifier	BM – Bill of Lading Number or tracking number
		REF02	Reference Number	Shipment tracking number (small package carriers, i.e. UPS or FedEx)

**Note:** Tracking number must be unique for each shipment. Receipt of duplicate bill of lading numbers will be rejected from our system, unless the BSN01 is flagged '07' (retransmission).

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

M*/O*	Segment	Data	Element	Value/Comments
M	DTM	DTM01	Date/Time Qualifier	Code to Identify Date/Time Type: 011 – Shipped
		DTM02	Shipment Date	CCYYMMDD, Estimated Ship Date
M	DTM	DTM01	Date/Time Qualifier	Code to Identify Date/Time Type: 067 – Current Schedule Delivery
		DTM02	Delivery Date	CCYYMMDD, 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)
		N103	Identification Code Qualifier	Method of Code Structure: 92 – Assigned by Buyer
		N104	Identification Code	<b>DS</b>
<p><b>Note:</b> Failure to transmit the correct Ship To DC code will cause the 856 data to be incompatible with receiving applications.</p>				
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, GA
<p><b>Note:</b> N4 segment is only used in association with the N1 with N101 ID-Code SF.</p>				
M	HL (Order)	HL01	Hierarchical ID Number	Unique Number
		HL03	Hierarchical Level code	O – Order
M	PRF	PRF01	Purchase Order Number	Identifying Purchase Order Number from Retailer
<p><b>Note:</b> Macy's requires vendors to indicate compliance with the Fair Labor Standards Act in the PID segment.</p>				
M	PID	PID01	Item Description Type	'S' Structured
		PID03	Agency Qualifier	'VI' VICS
		PID04	Product Description Code	'FL' Compliant with Fair Labor Standards Act

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

M	TD1	TD101	Packaging Code	CTN25 PLT76
		TD102	Lading Quantity	Total Number of cartons for PO/store
O	REF	REF01	Ref Number Qualifier	IV – Sellers Invoice Number
		REF02	Ref Number	Invoice Number
M	N1	N101	Entity Identifier Code	BY – Buying Party
		N103	Identification Code Qualifier	92 – Assigned by Buyer
		N104	Identification Code	0149 – Macy’s VDF location 0158 – Bloomingdale’s VDF location

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

M	HL (Pack)	HL101	Hierarchical ID Number	Unique Number
		HL103	Hierarchical Level code	P – Pack
M	MAN	MAN01	Marks and Numbers Qualifier	Code to Identify Number Source GM – General Merchandise
		MAN02	Marks and Numbers	Marks and Numbers Used to Identify Shipment

**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.

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

M*/O*	Segment	Data Element	Element	Value/Comments
	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
		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 Selling Units Shipped for LIN Segment Just Sent.
		SN103	UOM Code	EA – Unit of Measure Always Each

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

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

**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
		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