
856 Ship Notice/Manifest

Pick/Pack Structure

WITH VENDOR DIRECT FULFILLMENT (VFD) ORDERS

Macy's
GS1 Document Mapping

GS1 Version 4030
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 4030. 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.

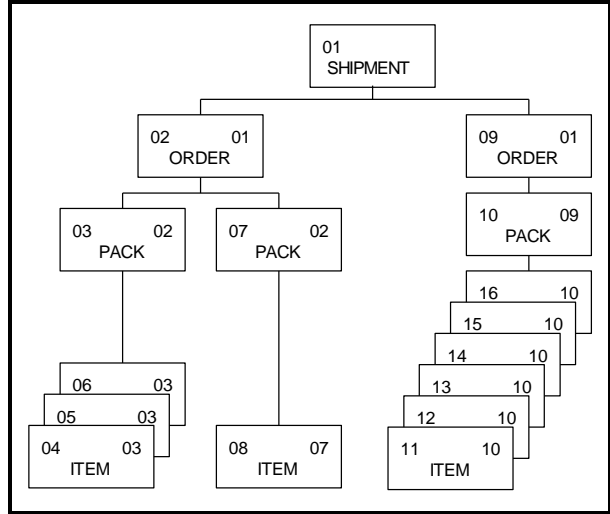
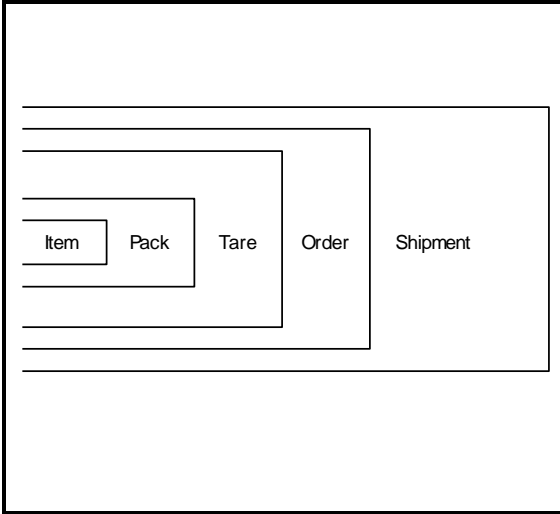
Note: Functional Acknowledgments will be sent for all documents transmitted to Macy's by vendors.

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 | 00403 |
| | | 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 | 004030GS1 |

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) |

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| <p>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).</p> |
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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 | DS |
| <p>Note: 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>Note: 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>Note: 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 |