Macy's Merchandising Group   **ANSI X.12 Version 4030**
ANSI X.12 Document Mapping   **Effective 03/15/2016**

SUPPLIER

PICK AND PACK STRUCTURE

Shipment/Order/Pack/Item

The following is an outline of what is expected when transmitting ANSI 856 Pick And Pack Structure Ship Notice/Manifests to MMG. For definitions of the segments, please see the 4030 retail industry conventions and guidelines for EDI.

Header Envelope Segments

M*/O*	SEGMENT	DATA	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	'12'
		ISA08	Receiver ID	Telephone Number
		ISA09	Date	YYMMDD
		ISA10	Time	HHMM
		ISA11	Standard ID	'^'
		ISA12	Version	'00403'
		ISA13	Control Number	Sequential number
		ISA14	Request Acknowledgment	'0' – No
		ISA15	Test Indicator	'P' – Production
		ISA16	Sub-Element 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'
		GS08	Version	'004030'
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.
		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   Revised 03/01/16

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M*/O*	Segment	Data	Element	Value/Comments
M	HL	HL01	Hierarchical ID Number	'1' – Shipment Level
		HL03	Hierarchical Level Code	Code Defining Level of Structure: 'S' – Shipment
M	TD1	TD101	Packaging Code	'CTN25' – Carton, Corrugated or Solid 'PLT76' – Pallet, Paper
		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
M	REF	REF01	Reference Number Qualifier	'BM' – Bill of Lading Number
		REF02	Reference Number	Bill of Lading
M	DTM	DTM01	Date/Time Qualifier	Code to Identify Date/Time Type: '011' – Shipped
		DTM02	Shipment Date	CCYYMMDD, Anticipated Ship Date
		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	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: Small Ticket should use Distribution Center acronyms (i.e. SC, ST, HA etc.). Please see Routing Guide or Technology Contact List at www.Macysnet.com. For Big Ticket, see Guide. Failure to transmit the correct Ship-To DC code will cause the 856 data to be incompatible with EDI Receiving applications.

M*/O*	Segment	Data	Element	Value/Comments
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, (Ex: 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	'2' – Order Level
		HL03	Hierarchical Level code	'O' – Order

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 (7-digit number)
		PRF06	Contract Number	Contract Number

The Purchase Order number transmitted in the PRF01 and the Contract number transmitted in the PRF06 are required. This information is transmitted in the 850 purchase orders under the BEG06 segment. The Purchase Order and Contract Number are required in every 856 (ASN) transmitted to MMG.

Note: Macy's 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

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O	REF	REF01	Reference Number Qualifier	IV
O	REF	REF02	Reference Number	Seller's Invoice Number
M	N1	N101	Entity Identifier Code	'BY' – Buying Party
		N103	Identification Code Qualifier	'92' – Assigned by Buyer
		N104	Identification Code	Buyer's (Customer) ID

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 (Pack)	HL101	Hierarchical ID Number	'3' – Pack Level
		HL103	Hierarchical Level Code	'P' – Pack
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. The 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	HL (Item)	HL101	Hierarchical ID Number	'4' – Item Level
		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
		LIN03	Product/Service ID	Identifying Number of Product UPC Number (12 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.

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                    SN103   UOM Code   'EA' – Unit of Measure Always Each

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
		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
		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

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