



TRANSACTION SET 856 - ADVANCE SHIP NOTICE  
VERSION 4030VICS

The following is a brief outline of the information Meijer would like to receive in the 856 Advance Ship Notice. **This is to be used as a guideline only.** Please do not attempt to build a system based on this information alone. You should refer to the VICS national standard to assure full compliance to that standard. Please note the **MELJER REQUIRED** segments

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<u>HEADER</u>	<u>DESCRIPTION</u>	<u>VALUE</u>
<b>ISA SEGMENT - INTERCHANGE CONTROL HEADER-MELJER REQUIRED</b>		
ISA	Segment ID	"ISA"
ISA01	Authorization Information Qualifier	"00"
ISA02	Authorization Information	spaces
ISA03	Security Information Qualifier	"00"
ISA04	Security Information	blank
ISA05	Sender ID Qualifier	Supplied by Partner
ISA06	Sender ID	Supplied by Partner
ISA07	Receiver ID Qualifier	"01" - Production "ZZ" - Test
ISA08	Receiver ID	"006959555" - Production "00695955T" - Test
ISA09	Interchange Submit Date	YYMMDD
ISA10	Interchange Submit Time	HHMM
ISA11	Repetition Separator	"U"
ISA12	Interchange Standards	"00403"
ISA13	Interchange Control Number	Seq. Number (N0.)
ISA14	Acknowledge Requested	"0"
ISA15	Test Indicator	"P" Prod or "T" Test
ISA16	Sub Element Terminator	">"

**Note: Please note the change to ISA11. This field is now the Repetition Separator.**

**GS SEGMENT - FUNCTIONAL GROUP HEADER-MELJER REQUIRED**

GS	Segment ID	"GS"
GS01	Functional ID	"SH"
GS02	Application Sender's ID	Supplied by Partner
GS03	Application Receiver's ID	Same as ISA08
GS04	Data Interchange Date	CCYYMMDD
GS05	Data Interchange Time	HHMM
GS06	Group Control Number	Seq. Number (N0.)
GS07	Responsible Agency Code	"X"
GS08	Version	"004030VICS"

**ST SEGMENT - TRANSACTION SET HEADER-MELJER REQUIRED**

ST	Segment ID	"ST"
ST01	Transaction Set ID	"856"
ST02	Transaction Set Control	Seq. Number

**HEADER****DESCRIPTION****VALUE****BSN SEGMENT - BEGINNING SEGMENT FOR ASN - MEIJER REQUIRED**

BSN	Segment ID	"BSN"
BSN01	Transaction Set Purpose	"00" original
BSN02	Ship Notice Number	Sender's Internal Number Must be unique up to 15 digits
BSN03	Ship Notice Date	CCYYMMDD
BSN04	Ship Notice Time	HHMMSS
BSN05	Hierarchical Structure Code	0001 = Pick/Pak 0002 = Std/Ctn

**Note:** BSNO5 is a mandatory field for Meijer.

**HL SEGMENT - HIERARCHICAL LEVEL (Shipment Level) - MEIJER REQUIRED**

HL	Segment ID	"HL"
HL01	Hierarchical ID Number	"1"
HL03	Hierarchical Level Code	"S"

**TD1 SEGMENT - CARRIER DETAIL (QUANTITY)**

TD1	Segment ID	"TD1"
TD101	Packaging Code	See Data Dictionary
TD102	Lading Quantity	No. of Pkgs. in this shipment

**TD5 SEGMENT - CARRIER DETAIL (ROUTING) - MEIJER REQUIRED**

TD5	Segment ID	"TD5"
TD501	Routing Sequence Code	See Data Dictionary
TD504	Mode	See Data Dictionary
TD505	Routing (Original Carrier)	Carrier Name
TD506	Ship/Order Status Code	"PR" partial orders "CC" for complete orders, or last of multiple shipments against a single purchase order

**Note:** TD506 is a mandatory field for Meijer. Sent at either shipment or order level.

**TD3 SEGMENT - CARRIER DETAILS (EQUIPMENT)**

TD3	Segment ID	"TD3"
TD301	Equipment Description Code	"TL"
TD302	Equipment Initial	Send If Available
TD303	Equipment Number	Trailer Number

**REF SEGMENT - REFERENCE NUMBER**

REF	Segment ID	"REF"
REF01	Reference Number Qualifier	"CN" See Data Dictionary
REF02	Reference Number	Carrier Reference Number (Pro Number)

**DTM SEGMENT - DATE/TIME REFERENCE - MEIJER REQUIRED**

DTM	Segment ID	"DTM"
DTM01	Date/Time Qualifier	"011"
DTM02	Date	Shipped Date CCYYMMDD

**HEADER****DESCRIPTION****VALUE*****N1 SEGMENT - NAME FOR SHIP-TO DISTRIBUTION CENTER - MEJER REQUIRED***

N1	Segment ID	"N1"
N101	Organization ID	"ST"
N102	Name	
N103	Identification Code Qualifier	"9"
N104	Identification Code	"006959555XXXX" where XXXX denotes the Meijer Distribution Center

***N1 SEGMENT - NAME FOR SHIP-FROM LOCATION***

N1	Segment ID	"N1"
N101	Organization ID	"SF"
N102	Name	
N103	Identification Code Qualifier	See Valid Code List
N104	Identification Code	(Data Dictionary)

***N3 SEGMENT - SHIP-FROM ADDRESS - FOR SHIP FROM - ONLY***

N3	Segment ID	"N3"
N301	Address Line 1	

***N4 SEGMENT - SHIP-FROM LOCATION - FOR SHIP FROM - ONLY***

N4	Segment ID	"N4"
N401	City Name	
N402	State/Province Code	It is important that we receive this element because it is used in conjunction with the DTM02 to calculate an arrival date for the shipment.
N403	Postal Code	

***HL SEGMENT - HIERARCHICAL LEVEL (Order Level) - MEJER REQUIRED***

HL	Segment ID	"HL"
HL01	Hierarchical ID Number	"2"
HL03	Hierarchical Level Code	"O"

**Note:** If multiple purchase orders are being filled on this shipment, send an HL (order level) loop for each purchase order on the shipment.

***PRF SEGMENT - PURCHASE ORDER REFERENCE - MEJER REQUIRED***

PRF	Segment ID	"PRF"
PRF01	Purchase Order Number	Meijer PO Number (6 Digit Numeric)

**Note:** Meijer requires ASN's for their six digit purchase orders ONLY.

<u>HEADER</u>	<u>DESCRIPTION</u>	<u>VALUE</u>
<b>TD5 SEGMENT - CARRIER DETAIL (ROUTING) - MEIJER REQUIRED, if different than ship level</b>		
TD5	Segment ID	"TD5"
TD501	Routing Sequence Number	See Data Dictionary
TD504	Mode	See Data Dictionary
TD505	Routing (Original Carrier)	Carrier Name
TD506	Ship/Order Status Code	"PR" partial orders "CC" complete orders, or for the last of multiple shipments against a single purchase order

**Note:** TD506 is a mandatory field for Meijer. Sent at either shipment or order level.

<b>N1 SEGMENT - NAME FOR SHIP-TO LOCATION - MEIJER REQUIRED, if different than ship level</b>		
N1	Segment ID	"N1"
N101	Organization ID	"BY" - ONLY
N102	Name	Final Destination
N103	Identification Code Qualifier	"9"
N104	Identification Code	"006959555XXXX" where XXXX denotes the Meijer final destination

**Note:** Use this segment to give the final destination (e.g. Store, DC) of an order that was first sent to our Retail Support Center.

<b>HL SEGMENT - HIERARCHICAL LEVEL (Pack Level) - MEIJER REQUIRED, if using 128 labels</b>		
HL	Segment ID	"HL"
HL01	Hierarchical ID Number	
HL03	Hierarchical Level Code	"P"

**Note:** This HL loop is used to describe a vendor master shipping carton.

<b>P04 SEGMENT - ITEM PHYSICAL DETAILS (SHIPPING CARTON)</b>		
P04	Segment ID	"P04"
P0401	Pack	No. of inner packs, or No. of EA., if there are no inner packs
P0406	Gross Weight Per Pack	Weight of master shipping carton in #'s
P0407	Unit of Measure Code	"LB"
P0410	Length	Length of shipping
P0411	Width	Width of shipping carton
P0412	Height	Height of shipping carton
P0413	Unit of Measure Code	"IN"
P0414	Inner Pack	No. of EA. within an inner pack

**Note:** All case dimensions must be shown in inches.

<b><u>HEADER</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>VALUE</u></b>
<b>MAN SEGMENT - MARKS AND NUMBERS - MEJER REQUIRED, if using 128 labels</b>		
MAN01	Marks and Numbers Qualifier	"GM", "UC" MAN01 & MAN02 must comply to the standards established by the Uniform Code Council (UCC). We must receive this segment in order to receive merchandise by scanning.
MAN02	Marks and Numbers	Shipping Container Identifier

**Note:** If MAN01 is "GM" then MAN02 must be 20 digits and unique, but need not be sequential. If MAN01 is "UC" then MAN02 must be 12 or 14 digits.

**HL SEGMENT - HIERARCHICAL LEVEL (Item Level) - MEJER REQUIRED**

HL	Segment ID	"HL"
HL01	Hierarchical ID Number	
HL03	Hierarchical Level Code	"I"

**LIN SEGMENT - ITEM IDENTIFICATION DETAIL - MEJER REQUIRED**

LIN	Segment ID	"LIN"
LIN02	Product/Service ID Qualifier	* "UA"
LIN03	Product/Service ID	* UPC Case Code
LIN04	Product/Service ID Qualifier	* UP, EN, EO
LIN05	Product/Service ID	* 8-13 Digits

**SN1 SEGMENT - ITEM DETAIL - MEJER REQUIRED**

SN1	Segment ID	"SN1"
SN102	Number of Units Shipped	
SN103	Unit of Measure Code	"EA", "CA", or "DZ"

**Note:** If SN103 is "CA", the P04 segment must be used to define what is in each case.

Mejor would prefer all quantities be referred to in Retail units "EA".

**P04 SEGMENT - ITEM PHYSICAL DETAILS - MEJER REQUIRED, if SN103 is "CA"**

P04	Segment ID	"P04"
P0401	Pack	No. of inner packs., or No. of EA., if there are no inner packs. No. of EA. within an inner pack
PO414	Inner Pack	

**HEADER****DESCRIPTION****VALUE*****CTT SEGMENT - TRANSACTION TOTALS - MEJER REQUIRED***

CTT	Segment ID	"CTT"
CTT01	Count of all HL Segments	Count of all HL Segments (No.)

***SE SEGMENT - TRANSACTION SET TRAILER- MEJER REQUIRED***

SE	Segment ID	"SE"
SE01	No. Of Included Segments	Numeric (N0.)
SE02	Transaction Set Control	Must match ST02

***GE SEGMENT - FUNCTIONAL GROUP TRAILER- MEJER REQUIRED***

GE	Segment ID	"GE"
GE01	No. Of Transaction Sets	Numeric (N0.)
GE02	Group Control Number	Must match GS06 Value

***IEA SEGMENT - INTERCHANGE CONTROL TRAILER-MEJER REQUIRED***

IEA	Segment ID	"IEA"
IEA01	No. of Included Group	No. of GS Segments (N0.)
IEA02	Interchange Control Number	Must match ISA13 Value

**SEGMENT HIERARCHY**  
**PICK AND PACK STRUCTURE - ASN-856**

ISA		Interchange Control Header
GS		Functional Group Header
	ST	Transaction Set Header
	BSN	Beginning Segment for ASN
	HL	Hierarchical Level Marker
Shipment Level	TD1	Carrier Details (Quantity)
	TD5	Carrier Details (Routing)
	TD3	Carrier Details (Equipment)
	REF	Reference Numbers
	DTM	Date/Time Information
	N1	Ship To/From Information
	N3	Ship From Information
	N4	Ship From Information
Order Level	HL	Hierarchical Level Marker
	PRF	Purchase Order Reference
	TD5	Carrier Details (Routing)
	N1	Ship To Information
Pack HL Level		Hierarchical Level Marker
	PO4	Item Physical Details (Shipping Carton)
	MAN	Marks and Numbers
Item Level	HL	Hierarchical Level Marker
	LIN	Item Identification Detail
	SN1	Item Detail (Shipment)
	PO4	Item Physical Details (Inner Pack)
	CTT	Transaction Control Totals
	SE	Transaction Set Trailer
	GE	Functional Group Trailer
IEA		Interchange Control Trailer

**SEGMENT HIERARCHY DIAGRAM  
STANDARD CARTON STRUCTURE - ASN-856**

ISA		Interchange Control Header
GS		Functional Group Header
	ST	Transaction Set Header
	BSN	Beginning Segment for ASN
	HL	Hierarchical Level Marker
Shipment Level	TD1	Carrier Details (Quantity)
	TD5	Carrier Details (Routing)
	TD3	Carrier Details (Equipment)
	REF	Reference Numbers
	DTM	Date/Time Information
	N1	Ship To/From Information
	N3	Ship From Information
	N4	Ship From Information
Order Level	HL	Hierarchical Level Marker
	PRF	Purchase Order Reference
	TD5	Carrier Details (Routing)
	N1	Ship To Information
Item Level	HL	Hierarchical Level Marker
	LIN	Item Identification Detail
	SN1	Item Detail (Shipment)
	PO4	Item Physical Details (Inner Pack)
Pack HL Level		Hierarchical Level Marker
	PO4	Item Physical Details (Shipping Carton)
	MAN	Marks and Numbers
	CTT	Transaction Control Totals
	SE	Transaction Set Trailer
	GE	Functional Group Trailer
IEA		Interchange Control Trailer