MEIJER INC.
TRANSACTION SET 856 - ADVANCE SHIP NOTICE
VERSION 4010VICS

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 ***MEIJER REQUIRED*** segments

HEADER	*DESCRIPTION*	*VALUE*

ISA SEGMENT - INTERCHANGE CONTROL HEADER

ISA	Segment ID	"ISA"
ISA01	Auth. Info. Qualifier	"00"
ISA02	Authorization Information	spaces
ISA03	Security Info. Qualifier	"00"
ISA04	Security Information	blank
ISA05	Sender ID Qualifier	Supplied by Partner
ISA06	Sender ID	Supplied by Partner
ISA07	Receiver ID Qualifier	"01" (for prod.) or "ZZ" (for test)
ISA08	Receiver ID	"006959555" (For prod.) or "00695955T" (For test)
ISA09	Interchange Submit Date	YYMMDD
ISA10	Interchange Submit Time	HHMM
ISA11	Interchange Standards ID	"U"
ISA12	Interchange Standards	"00401"
ISA13	Interchange Control No.	Seq. Number (N0.)
ISA14	Acknowledge Requested	"0"
ISA15	Test Indicator	"P" Prod or "T" Test
ISA16	Sub Element Terminator	">"

GS SEGMENT - FUNCTIONAL GROUP HEADER

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	"004010VICS"

ST SEGMENT - TRANSACTION SET HEADER

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"
HL02	Hierarchical Parent ID	Not Used
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
TD502	ID Code Qualifier	Not Used
TD503	ID Code	Not Used
TD504	Mode	See Data Dictonary
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* <u>*mandatory*</u> *field for Meijer. Sent at either shipment or order level.*

TD3 SEGMENT - CARRIER DETAILS (EQUIPMENT)

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

HEADER	*DESCRIPTION*	*VALUE*

REF SEGMENT - REFERENCE NUMBER

REF	Segment ID	"REF"
REF01	Reference Number Qual.	"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

N1 SEGMENT - NAME FOR SHIP-TO DISTRIBUTION CENTER - MEIJER REQUIRED

N1	Segment ID	"N1"
N101	Organization ID	"ST"
N102	Name	
N103	Identification Code Qual.	"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 Qual.	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	

HEADER	DESCRIPTION	VALUE

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

HL	Segment ID	"HL"
HL01	Hierarchical ID Number	"2"
HL02	Hierarchical Parent ID	Not Used
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 - *MEIJER REQUIRED*

PRF	Segment ID	"PRF"
PRF01	Purchase Order Number	Meijer PO Number-6 digit numeric
PRF02	Release Number	Not Used
PRF03	Change Order Seq. Number	Not Used
PRF04	Purchase Order Date	Not Used

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

TD5 SEGMENT - CARRIER DETAIL (ROUTING) - *MEIJER REQUIRED, if different than ship level*

TD5	Segment ID	"TD5"
TD501	Routing Sequence Number	See Data Dictionary
TD502	ID Code Qualifier	Not Used
TD503	ID Code	Not Used
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 <u>mandatory</u> field for Meijer. Sent at either shipment or order level.*

N1 SEGMENT - NAME FOR SHIP-TO LOCATION - *MEIJER REQUIRED, if different than ship level*

N1	Segment ID	"N1"
N101	Organization ID	"BY" - ONLY
N102	Name	Final Destination
N103	Identification Code Qual.	"9"
N104	Identification Code	"006959555XXXX" where XXXX denotes the Meijer final destination

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

HEADER	**DESCRIPTION**	**VALUE**

HL SEGMENT - HIERARCHICAL LEVEL (Pack Level) - *MEIJER REQUIRED, if using 128 labels*

HL	Segment ID	"HL"
HL01	Hierarchical ID Number	
HL02	Hierarchical Parent ID	Not Used
HL03	Hierarchical Level Code	"P"

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

P04 SEGMENT - ITEM PHYSICAL DETAILS (SHIPPING CARTON)

P04	Segment ID	"P04"
P0401	Pack	No. of inner packs, or No. of EA., if there are no inner packs
P0404	Packaging Code	Not Used
P0405	Weight Qualifier	Not Used
P0406	Gross Weight Per Pack	Weight of master shipping carton in #'s
P0407	Unit of Measure Code	"LB"
P0408	Gross Volume Per Pack	Not Used
P0409	Unit of Measure Code	Not Used
P0410	Length	Length of shipping
P0411	Width	Width of shipping carton
P0412	Height	Height of shipping carton
P0413	Unit of Measure Code	"IN"
PO414	Inner Pack	No. of EA. within an inner pack

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

MAN SEGMENT - MARKS AND NUMBERS - MEIJER REQUIRED, *if using 128 labels*

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.*

HEADER	*DESCRIPTION*	*VALUE*

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

HL	Segment ID	"HL"
HL01	Hierarchical ID Number	

HL02	Hierarchical Parent ID	Not Used
HL03	Hierarchical Level Code	"I"

LIN SEGMENT - ITEM IDENTIFICATION DETAIL - MEIJER REQUIRED

LIN	Segment ID	"LIN"
LIN01	Line Item Number	Not Used
LIN02	Product/Service ID Qual.	* "UA"
LIN03	Product/Service ID	* UPC Case Code
LIN04	Product/Service ID Qual.	* "UP"
LIN05	Product/Service ID	* Item's UPC Code

Note: If you are receiving UCS purchase orders from Meijer, both UA and UP are required and in that order (respectively). One of UA or UP is mandatory. If the UA information is not used, the UP information must be mapped in the Lino2 and Lino3. Every ship notice **must** contain the LIN segment.

SN1 SEGMENT - ITEM DETAIL - MEIJER REQUIRED

SN1	Segment ID	"SN1"
SN101	Ship Notice Line Number	Not Used
SN102	Number of Units Shipped	
SN103	Unit of Measure Code	"EA", "CA", or "DZ"
SN104	Quantity Shipped to Date	Not Used
SN105	Quantity Ordered	Not Used
SN106	Unit of Measure Code	Not Used

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

Meijer would prefer all quantities be referred to in retailable units "EA".

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

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

CTT SEGMENT - TRANSACTION TOTALS - MEIJER REQUIRED

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

SE SEGMENT - TRANSACTION SET TRAILER

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

HEADER	DESCRIPTION	VALUE

GE SEGMENT - FUNCTIONAL GROUP TRAILER

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

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IEA SEGMENT - INTERCHANGE CONTROL TRAILER

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
	TD1	Carrier Details (Quantity)
	TD5	Carrier Details (Routing)
Shipment	TD3	Carrier Details (Equipment)
Level	REF	Reference Numbers
	DTM	Date/Time Information
	N1	Ship To/From Information
	N3	Ship From Information
	N4	Ship From Information
Order	HL	Hierarchical Level Marker
Level	PRF	Purchase Order Reference
	TD5	Carrier Details (Routing)
	N1	Ship To Information
Pack	HL	Hierarchical Level Marker
Level	PO4	Item Physcial Details (Shipping Carton)
	MAN	Marks and Numbers
	HL	Hierarchical Level Marker
Item	LIN	Item Identification Detail
Level	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

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

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