

The Bon-Ton EDI Fact Sheet

Contacts: Annette Cunningham - EDI Coordinator
 Phone 717-751-3269
 Fax 717-751-3108
 e-Mail edi1@bonton.com

Denise Dawson - EDI / PLU Manager

Phone 717-751-3222
 Fax 717-751-3108
 e-Mail edi@bonton.com

Address: The Bon Ton Department Stores, Inc
 EDI Department
 2801 E. Market Street
 York, PA 17402

Networks: IBM Global Network
 Interconnects:

GE	Inovis (Harbinger)	FHDMail
Ordernet/Sterling	Telecom Canada	SIMail
Sears	AT&T Mail	ELMail
Sprint	Kleinschmidt Mail	Edselite
MCI	ICCnet	Ecom
BT (MCI)	Softshare	ECDMail

Source for UPC: Quick Response Services

IBM Acct/User ID: T268, T268A

EDI Qualifier / ID: 08 / 6121270000

VICS Version Support: EAN support only available via 4030 or newer Supported VICS Versions

Current EDI Documents:	850 Purchase Order	4010	4030
	852 Product Activity Data	4010	4030
	855 Purchase Order Acknowledgement	4010	4030
	856 Ship Notice/Manifest	4010	4030
	997 Functional Acknowledgement	4010	4030

Future EDI Documents:	810 Invoice	4030
------------------------------	-------------	------

UCC-128 Label Available on the Bon Ton web site, www.bonton.com. Supply Chain, Domestic Vendor Standards Guide, 7th Topic: UCC-128 Standard & Sample Barcode. Fax a Sample to Vendor Relations Dept for Approval. Fax #717-840-5640

Bon Ton Store - DC Listing Available on the Bon Ton web site, www.bonton.com. Supply Chain, Domestic Vendor Standards Guide, 5th Topic: Store/Dist. Center Cross Reference.

**THE BON TON DEPT STORE'S
IN AND OUTBOUND ISA/GS MAPPING SPECIFICATIONS
-FOR VICS VERSION 4030**

All changes from our 4010 VICS version are shaded - yellow.

ISA - Interchange Control Header *

Segment:	Element:	Description:	Length:	Accepted Value:
ISA01	I01	authorization information qualifier	2	'00'
ISA02	I02	authorization information	10	BLANK
ISA03	I03	security information qualifier	2	'00'
ISA04	I04	security information	10	BLANK
ISA05	I05	interchange ID qualifier	2	Sender's Qualifier
ISA06	I06	interchange sender ID	15	Sender's Id
ISA07	I05	interchange ID qualifier	2	Receiver's Qualifier
ISA08	I07	interchange receiver ID	15	Receiver's Id
ISA09	I08	interchange date	6	YYMMDD
ISA10	I09	interchange time	4	HHMM - 24 HOUR
ISA11	I65	repetition separator	1	U' - X12
ISA12	I11	interchange version ID	5	00403'
ISA13	I12	interchange control number	9	Sender Assigned, Seq.
ISA14	I13	acknowledgment requested	1	'0'
ISA15	I14	usage indicator	1	T or P
ISA16	I15	component element separator	1	> (HEX 6E)

GS - Functional Group Header *

Segment:	Element:	Description:	Length:	Accepted Value:
GS01	0479	functional ID	2	FA, PD, PO, PR, SC, SH
GS02	0142	application sender's code	2 / 15	Sender's ID
GS03	0124	application receiver's code	2 / 15	Receiver's Id
GS04	0373	group create date	8	CCYYMMDD
GS05	0337	group create time	4 / 8	HHMM
GS06	0028	group control number	1 / 9	Sender Assigned, Seq.
GS07	0455	responsible agency code	1 / 2	'X' - ANSI X12
GS08	0480	version	1 / 12	004030VICS'

MISCELLANEOUS

SEGMENT TERMINATOR 1 HEX '15'

* Valid for all Bon Ton EDI Documents

THE BON TON DEPT STORE'S FUNCTIONAL ACKNOWLEDGEMENT (997) MAPPING SPECIFICATIONS - FOR VICS VERSION 4030

All changes from the 4010 VICS version are shaded - yellow.

FUNCTIONAL ACKNOWLEDGMENTS

VICS requires functional acknowledgements for all groups except FA. The Bon Ton requires functional acknowledgements for all groups sent. The Bon Ton will send FAs for every group received. Please use the following guidelines for returning FAs (997s). This will aid in our reconciliation process.

1. I/C Header- ISA12 value must be '00403'

EX: ISA*00* *00* *01*123456789 *08*6121270000 *981201*2153*U*00403*000000001*0*P*>

2. F/G Header- GS08 value must be '004030VICS'

EX: GS*FA*123456789*6121270000*19991201*2153*1*X*004030VICS.

3. IBM trading partners must use a valid Bon Ton message class

Valid Bon Ton message classes: #E2 X12 FA997

THE BON TON DEPT STORE'S OUTBOUND PO (850) MAPPING SPECIFICATIONS - FOR VICS VERSION 4030

All changes from our 4010 VICS version are shaded - yellow.

Segment:	Element:	Description:	Length:	Value:
ST01	0143	transaction set identifier code	3	850
ST02	0329	transaction set control number	9	sequential, start at 1
BEG01	0353	transaction set purpose code	2	00
BEG02	0092	purchase order type code	2	SA
BEG03	0324	purchase order number	7	PO number
BEG05	0373	purchase order date	8	CCYYMMDD
REF01	0128	reference number qualifier	2	DP
REF02	0127	reference number	3	dept number
REF01	0128	reference number qualifier	2	IA
REF02	0127	reference number	5	internal vendor number
DTM01	0374	date time qualifier	3	037
DTM02	0373	ship date	8	CCYYMMDD
DTM01	0374	date time qualifier	3	038
DTM02	0373	cancel date	8	CCYYMMDD
PO101	0350	assigned identification	6	sequential, start at 1
PO102	0330	quantity ordered	1 / 7	total units ordered
PO103	0355	unit or basis for measurement	2	DZ or EA
PO104	0212	unit price	1 / 9	cost per unit
PO105	0639	basis or unit price code	2	TD or TE
PO106	0235	product service ID qualifier	2	UP or EN
PO107	0234	product service ID	12 / 13	UPC or EAN number UPC will be 12 digits EAN will be 13 digits

THE BON TON DEPT STORE'S OUTBOUND PO (850) MAPPING SPECIFICATIONS - FOR VICS VERSION 4030

All changes from our 4010 VICS version are shaded - yellow.

Segment:	Element:	Description:	Length:	Value:
----------	----------	--------------	---------	--------

* CTP02	0236	price identifier code	3	RTL
* CTP03	0212	unit price	1 / 9	Retail Price

*** CTP02 and CTP03 are optional fields and are only transmitted for vendor preticketing ***

SDQ01	0355	unit or basis for measurement	2	DZ or EA
SDQ02	0066	identification code qualifier	2	92
SDQ03	0067	identification code	3	location 1
SDQ04	0380	quantity	1 / 7	quantity
SDQ05	0067	identification code	3	location 2
SDQ06	0380	quantity	1 / 7	quantity
SDQ07	0067	identification code	3	location 3
SDQ08	0380	quantity	1 / 7	quantity
SDQ09	0067	identification code	3	location 4
SDQ10	0380	quantity	1 / 7	quantity
SDQ11	0067	identification code	3	location 5
SDQ12	0380	quantity	1 / 7	quantity
SDQ13	0067	identification code	3	location 6
SDQ14	0380	quantity	1 / 7	quantity
SDQ15	0067	identification code	3	location 7
SDQ16	0380	quantity	1 / 7	quantity
SDQ17	0067	identification code	3	location 8
SDQ18	0380	quantity	1 / 7	quantity
SDQ19	0067	identification code	3	location 9
SDQ20	0380	quantity	1 / 7	quantity
SDQ21	0067	identification code	3	location 10
SDQ22	0380	quantity	1 / 7	quantity

**THE BON TON DEPT STORE'S
OUTBOUND PO (850) MAPPING SPECIFICATIONS
- FOR VICS VERSION 4030**

All changes from our 4010 VICS version are shaded - yellow.

Segment:	Element:	Description:	Length:	Value:
CTT01	0354	number of line items	6	total PO1 segments in PO.
SE01	0096	number of included segments	6	total segments in PO.
SE02	0329	transaction set control number	9	sequential, start at 1

THE BON TON DEPT STORE'S SALES INVENTORY (852) MAPPING SPECIFICATIONS - FOR VICS VERSION 4030

All changes from our 4010 VICS version are shaded - yellow.

Segment:	Element:	Description:	Length:	Value:
ST01	0143	transaction set identifier code	3	852
ST02	0329	transaction set control number	9	sequential, start at 1.
<hr/>				
XQ01	0305	transaction handling code	1	H
XQ02	0373	start date for period	8	CCYYMMDD
XQ03	0373	end date for period	8	CCYYMMDD
<hr/>				
N901	0128	reference number qualifier	2	DP
N902	0127	reference number	3	dept. number
<hr/>				
LIN02	0235	product/service id qualifier	2	UP or EN
LIN03	0234	product/service id	12 / 13	UPC or EAN number if UPC will be 12 digits if EAN will be 13 digits
<hr/>				
ZA01	0859	activity code for weekly sales data	2	QS = quantity sold and QU = quantity returned
ZA01	0859	activity code for inventory data***	2	QA = quantity on-hand

*** Upon request, inventory data is transmitted upon initial set-up of 852. Thereafter, this data is transmitted ONLY in January and July upon completion of physical inventory. NOTE: Inventory 852's will occur as SEPARATE TRANSACTIONS from sales 852's within the SAME INTERCHANGE.

THE BON TON DEPT STORE'S SALES INVENTORY (852) MAPPING SPECIFICATIONS - FOR VICS VERSION 4030

All changes from our 4010 VICS version are shaded - yellow.

Segment:	Element:	Description:	Length:	Value:
SDQ01	0355	unit of measurement code	2	EA
SDQ02	0066	identification code qualifier	2	92
SDQ03	0067	identification code	3	location 1
SDQ04	0380	quantity	1 / 5	units sold/returned
SDQ05	0067	identification code	3	location 2
SDQ06	0380	quantity	1 / 5	units sold/returned
SDQ07	0067	identification code	3	location 3
SDQ08	0380	quantity	1 / 5	units sold/returned
SDQ09	0067	identification code	3	location4
SDQ10	0380	quantity	1 / 5	units sold/returned
SDQ11	0067	identification code	3	location 5
SDQ12	0380	quantity	1 / 5	units sold/returned
SDQ13	0067	identification code	3	location 6
SDQ14	0380	quantity	1 / 5	units sold/returned
SDQ15	0067	identification code	3	location 7
SDQ16	0380	quantity	1 / 5	units sold/returned
SDQ17	0067	identification code	3	location 8
SDQ18	0380	quantity	1 / 5	units sold/returned
SDQ19	0067	identification code	3	location 9
SDQ20	0380	quantity	1 / 5	units sold/returned
SDQ21	0067	identification code	3	location 10
SDQ22	0380	quantity	1 / 5	units sold/returned
<hr/>				
CTT01	0354	number of line items	6	total LIN seg. sent
<hr/>				
SE01	0096	number of included segments	6	total seg. sent in 852.
SE02	0329	transaction set control number	9	sequential, start at 1.

THE BON TON DEPT STORE'S INBOUND PO (855) MAPPING SPECIFICATIONS - FOR VICS VERSION 4030

All changes from our 4010 VICS version are shaded - yellow.

Segment:	M:	Element:	Description:	Length:	Value:
ST01	M	0143	transaction set identifier code	3	855
ST02	M	0329	transaction set control number	9	sequential, start at 1.
BAK01	M	0353	transaction set code	2	00
BAK02	M	0587	acknowledgment type	2	AP
BAK03	M	0324	purchase order number	7	as provided
BAK04	M	0373	create date	8	CCYYMMDD
BAK07	O	367	vendor contract number	30	
REF01	M	0128	reference number qualifier	2	DP = department number IA = internal vendor number IT = inbound customer number VA = seller invoice number VN = vendor PO number
REF02	M	0127	reference number	3 / 30	DP must be 3 digits IA, IT, VA and VN can be up to 30 characters.
REF03	C	352	reference number description	0 / 80	Only allowed when REF01 = DP, then text description allowed.
DTM01	M	0374	date qualifier	3	001 cancel after 010 requested ship 068 current scheduled ship
DTM02	M	0373	date	8	CCYYMMDD

THE BON TON DEPT STORE'S INBOUND PO (855) MAPPING SPECIFICATIONS - FOR VICS VERSION 4030

All changes from our 4010 VICS version are shaded - yellow.

Segment:	M:	Element:	Description:	Length:	Value:
PO101	O	0350	assigned identification	1 / 20	sequential, start at 1
PO102	M	0330	total units ordered	1 / 15	total units ordered
PO103	M	0355	unit of measure	2	EA
PO104	O	0212	unit price	1 / 17	use decimal only if needed
PO105	O	0639	basis of unit price	2	WE
PO106	M	0235	product ID qualifier	2	UP or EN
PO107	M	0234	product ID number	12 / 13	UPC or EAN number if UPC must be 12 digits if EAN must be 13 digits
PO108	O	0235	product ID qualifier	2	IZ, VA, or VN
PO109	C	0234	product ID number	0 / 48	Required when PO108 contains a value.
PO110	O	0235	product ID qualifier	2	IZ, VA, or VN
PO111	C	0234	product ID number	0 / 48	Required when PO110 contains a value.
PO112	O	235	product ID qualifier	2	IZ, VA, or VN
PO113	C	0234	product ID number	0 / 48	Required when PO112 contains a value.
CTP02	O	0236	price identifier code	3	RTL
CTP03	C	0212	unit price	1 / 17	unit retail
CTP05	O	0355	unit or basis of measurement	2	EA
PO401	O	0356	pack	1 / 6	
PO408	O	0385	gross volume per pack	1 / 9	inner pack
PO414	O	0810	inner pack	1 / 6	size ratio within inner pack

THE BON TON DEPT STORE'S INBOUND PO (855) MAPPING SPECIFICATIONS - FOR VICS VERSION 4030

All changes from our 4010 VICS version are shaded - yellow.

Segment:	M:	Element:	Description:	Length:	Value:
SDQ10	C	0380	quantity	1 / 15	quantity
SDQ11	C	0067	identification code	3	location 5
SDQ12	C	0380	quantity	1 / 15	quantity
SDQ13	C	0067	identification code	3	location 6
SDQ14	C	0380	quantity	1 / 15	quantity
SDQ15	C	0067	identification code	3	location 7
SDQ16	C	0380	quantity	1 / 15	quantity
SDQ17	C	0067	identification code	3	location 8
SDQ18	C	0380	quantity	1 / 15	quantity
SDQ19	C	0067	identification code	3	location 9
SDQ20	C	0380	quantity	1 / 15	quantity
SDQ21	C	0067	identification code	3	location 10
SDQ22	C	0380	quantity	1 / 15	quantity
<hr/>					
CTT01	M	0354	number of line items	6	total PO1 segments sent
<hr/>					
SE01	M	0096	number of included segments	6	total seg. sent in 855
SE02	M	0329	transaction set control number	9	sequential, start at 1.

NOTE:

- The detail loop (PO1) may occur up to 100,000 times. Each occurrence represents an SKU in the order.
- SDQ03 AND SDQ04 are paired and are used to identify store and quantity. This pairing of data can repeat up to 10 times per SDQ segment. Max use per PO1 loop is 500.

**THE BON TON DEPT STORE'S
ASN (856) STANDARD PACK MAPPING SPECIFICATIONS
- FOR VICS VERSION 4030**

All changes from our 4010 VICS version are shaded - yellow.

Header

<u>Seg ID</u>	<u>Name</u>	<u>Required</u>	<u>Max Use</u>	<u>Comments</u>
ST	Transaction Set Header	M	1	
BSN	Beginning Segment for Ship Notice	M	1	

Detail - Shipment

<u>Seg ID</u>	<u>Name</u>	<u>Required</u>	<u>Max Use</u>	<u>Comments</u>
HL	Hierarchical Level	M	1	
TD1	Quantity and Weight	M	1	
TD5	Routing Sequence/Transit Time	M	1	Segment occurs one time per Shipment detail.
REF	Reference Number	M	2	Data must reference delivering carrier. Segment can occur up to 2 times per Shipment detail.
DTM	Date/Time Reference	M	3	
N1	Name	M	2	Segment occurs 2 times per Shipment detail. First occurrence is for "SHOP FROM". Second occurrence is for "SHIP TO".
N4	Geographic Location	C	1	Segment occurs 1 time per Shipment detail. Required when N101 - SF and N103 = 1.

Detail - Order

<u>Seg ID</u>	<u>Name</u>	<u>Required</u>	<u>Max Use</u>	<u>Comments</u>
HL	Hierarchical Level	M	1	
PRF	Purchase Order Reference	M	1	
TD1	Quantity and Weight	M	1	Segment occurs one time per Bon Ton PO location
REF	Reference Numbers	C	2	BM required if Shipment Detail REF01 = MB.
N1	Name	M	1	Segment occurs one time per Bon Ton PO location

Detail - Item

<u>Seg ID</u>	<u>Name</u>	<u>Required</u>	<u>Max Use</u>	<u>Comments</u>
HL	Hierarchical Level	M	1	
LIN	Item Identification	M	1	
SN1	Item Detail	M	1	

**THE BON TON DEPT STORE's
ASN (856) STANDARD PACK MAPPING SPECIFICATIONS
- FOR VICS VERSION 4030**

All changes from our 4010 VICS version are shaded - yellow.

Detail - Pack

<u>Seg ID</u>	<u>Name</u>	<u>Required</u>	<u>Max Use</u>	<u>Comments</u>
HL	Hierarchical Level	M	1	
PO4	Item Physical Details	M	1	
MAN	Marks and Numbers	M	>1	Segment can occur multiple times per item.

Summary

<u>Seg ID</u>	<u>Name</u>	<u>Required</u>	<u>Max Use</u>	<u>Comments</u>
CTT	Transaction Totals	M	1	
SE	Transaction Set Trailer	M	1	

THE BON TON DEPT STORE'S ASN (856) STANDARD PACK MAPPING SPECIFICATION - FOR VICS VERSION 4030

All changes from our 4010 VICS version are shaded - yellow.

Segment	Element	Description	Attributes	Value
HEADER				
ST01	143	Transaction Set ID Code	M 3	856
ST02	329	Transaction Set Control Number	M 9	Sequential, start at 1
BSN01	353	Transaction Purpose	M 2	00, 07 (Will only accept duplicates, 07, when the original transmission has
BSN02	396	Shipment ID Number	M 30	Unique for each ASN.
BSN03	373	Transaction Create Date	M 8	CCYYMMDD
BSN04	337	Transaction Create Time	O 4/8	HHMM, HHMMSS, HHMMSSDD
BSN05	1005	Structure Type	M 4	0002
SHIPMENT LEVEL				
HL01	628	Hierarchical ID Number	M 12	1
HL03	735	Hierarchical Level Code	M 2	S
TD101	103	Packaging Code	M 5	Accept any combinations where the first three positions are CTN or PLT (ex: CTN25).
TD102	080	Lading Qty	M 7	
TD106	187	Weight Qualifier	M 2	G
TD107	081	Weight	M 10	
TD108	355	Unit of Measure Code	M 2	LB, KG
TD501	133	Routing Sequence Code	M 2	B, O
TD502	066	Carrier ID Code	M 1	2
TD503	067	Carrier ID	M 4	SCAC Code (See logistics guide for carrier listing.)
REF01	128	Reference ID Qualifier	M 2	BM (preferred), MB
REF02	127	Reference ID	M 30	If 'MB' is used because multiple bill of ladings exist for a shipment, BM is REQUIRED in the Order Detail REF segment.

THE BON TON DEPT STORE'S ASN (856) STANDARD PACK MAPPING SPECIFICATION - FOR VICS VERSION 4030

All changes from our 4010 VICS version are shaded - yellow.

Segment	Element	Description	Attributes	Value
SHIPMENT LEVEL (cont'd)				
	DTM01	374	Date/ Time Qualifier	M 3 011 (preferred), 068, 067
	DTM02	373	Date	M 8 CCYYMMDD
	DTM03	337	Time	O 4/8 HHMM, HHMMSS, HHMMSSDD
	N101	098	Entity ID Code	M 2 SF, ST
	N102	093	Name	O 35
	N103	066	ID Code Qualifier	M 1/2 Ship from - 91 (preferred), 1. Provide associated values. Ship to - 92.
	N104	067	ID Code	M *10 Max allowable length dependent on qualifier. SF = 10, ST = 3.
	N401	019	City Name	C 30
	N402	156	State or Province Code	O 2
	N403	116	Postal Code	O 9
	N404	026	Country Code	O 3 Required when not "USA"

THE BON TON DEPT STORE'S ASN (856) STANDARD PACK MAPPING SPECIFICATION - FOR VICS VERSION 4030

All changes from our 4010 VICS version are shaded - yellow.

Segment	Element	Description	Attributes		Value
ORDER LEVEL					
HL01	628	Hierarchical ID Number	M	12	Sequential Number with transaction set
HL02	734	Hierarchical Parent ID	M	12	HL segment number to which this HL segment is subordinate
HL03	735	Hierarchical Level Code	M	2	O
PRF01	324	Purchase Order Number	M	7	
PRF02	328	Release Number	O	7	
PRF06	367	Contract Number	O	7	
TD101	103	Packaging Code	M	5	Accept any combinations where the first three positions are CTN or PLT (ex: CTN25).
TD102	080	Lading Qty	M	7	
TD106	187	Weight Qualifier	M	2	G
TD107	081	Weight	M	10	
TD108	355	Unit of Measure Code	M	2	LB, KG
REF01	128	Reference ID Qualifier	C	2	BM, IV, IA, DP
REF02	127	Reference Number	C	30	
N101	098	Entity ID Code	M	2	BY
N102	093	Name	O	35	
N103	066	ID Code Qualifier	M	2	92
N104	067	ID Code	M	3	Valid Bon Ton Selling Location

THE BON TON DEPT STORE'S ASN (856) STANDARD PACK MAPPING SPECIFICATION - FOR VICS VERSION 4030

All changes from our 4010 VICS version are shaded - yellow.

Segment	Element	Description	Attributes		Value
ITEM LEVEL					
HL01	628	Hierarchical ID Number	M	12	Sequential Number with transaction set
HL02	734	Hierarchical Parent ID	M	12	HL segment Number to which this HL segment is subordinate
HL03	735	Hierarchical Level Code	M	2	I
LIN02	235	Product/Service ID Qualifier	M	2	UP or EN
LIN03	234	Product/Service ID	M	12 / 13	UPC or EAN Number, if UPC must be 12 digits, if EAN must be 13 digits
SN102	382	Number of Units Shipped	M	10	
SN103	355	Unit of Measure Code	M	2	EA

THE BON TON DEPT STORE'S ASN (856) STANDARD PACK MAPPING SPECIFICATION - FOR VICS VERSION 4030

All changes from our 4010 VICS version are shaded - yellow.

Segment	Element	Description	Attributes		Value
PACK LEVEL					
HL01	628	Hierarchical ID Number	M	12	Sequential Number with transaction set
HL02	734	Hierarchical Parent ID	M	12	HL segment Number to which this HL segment is subordinate
HL03	735	Hierarchical Level Code	M	2	P
PO401	356	Pack	M	6	Number of inner packs
PO402	357	Size	M	8	Size of units in pack
PO403	355	Unit of Measure Code	M	2	EA
PO406	384	Gross Weight per Pack	O	9	
PO407	355	Unit of Measure Code	C	2	LB, KG
PO410	082	Length	O	8	
PO411	189	Width	O	8	
PO412	065	Height	O	8	
PO413	355	Unit of Measure Code	C	2	FT, MR, IN, CM
MAN01	088	Mark and Numbers Qualifier	M	2	GM
MAN02	087	Mark and Numbers	M	20	UCC-128 Number
SUMMARY					
CTT01	354	Number of line items	M	6	
SE01	096	Total segments	M	10	
SE02	329	Transaction Set Control Number	M	9	Sequential, start at 1

**THE BON TON DEPT STORE'S
ASN (856) PICK PACK MAPPING NOTES
- FOR VICS VERSION 4030**

All changes from the 4010 VICS version are shaded - yellow.

Header

<u>Seg ID</u>	<u>Name</u>	<u>Required</u>	<u>Max Use</u>	<u>Comments</u>
ST	Transaction Set Header	M	1	
BSN	Beginning Segment for Ship Notice	M	1	

Detail - Shipment

<u>Seg ID</u>	<u>Name</u>	<u>Required</u>	<u>Max Use</u>	<u>Comments</u>
HL	Hierarchical Level	M	1	
TD1	Quantity and Weight	M	1	
TD5	Routing Sequence/Transit Time	M	1	Segment occurs one time per Shipment detail. Data Must reference delivering carrier.
REF	Reference Number	M	2	Segment can occur up to 2 times per Shipment detail.
DTM	Date/Time Reference	M	3	
N1	Name	M	2	Segment occurs 2 times per Shipment detail. First occurrence is for "SHIP FROM" data elements. Second occurrence is for "SHIP TO" data elements.
N4	Geographic Location	C	1	Segment occurs 1 time per Shipment detail. Required when N101 = SF and N103 = 1.

Detail - Order

<u>Seg ID</u>	<u>Name</u>	<u>Required</u>	<u>Max Use</u>	<u>Comments</u>
HL	Hierarchical Level	M	1	
PRF	Purchase Order Reference	M	1	
TD1	Quantity and Weight	M	1	Segment occurs one time per Bon Ton PO location
REF	Reference Numbers	C	2	BM required if Shipment Detail REF01 = MB.
N1	Name	M	1	Segment occurs one time per Bon Ton PO location

**THE BON TON DEPT STORE'S
ASN (856) PICK PACK MAPPING NOTES
- FOR VICS VERSION 4030**

All changes from the 4010 VICS version are shaded - yellow.

Detail - Pack

<u>Seg ID</u>	<u>Name</u>	<u>Required</u>	<u>Max Use</u>	<u>Comments</u>
HL	Hierarchical Level	M	1	
PO4	Item Physical Details	O	1	
MAN	Marks and Numbers	M	>1	Segment occurs one time per UCC-128 number.

Detail - Item

<u>Seg ID</u>	<u>Name</u>	<u>Required</u>	<u>Max Use</u>	<u>Comments</u>
HL	Hierarchical Level	M	1	
LIN	Item Identification	M	1	
SN1	Item Detail	M	1	

Summary

<u>Seg ID</u>	<u>Name</u>	<u>Required</u>	<u>Max Use</u>	<u>Comments</u>
CTT	Transaction Totals	M	1	
SE	Transaction Set Trailer	M	1	

**THE BON TON DEPT STORE's
ASN (856) PICK PACK MAPPING SPECIFICATION
- FOR VICS VERSION 4030**

All changes from our 4010 VICS version are shaded - yellow.

Segment	Element	Description	Attributes	Value
HEADER				
	ST01	Transaction Set ID Code	M 3	856
	ST02	Transaction Set Control Number	M 9	Sequential, start at 1
	BSN01	Transaction Purpose	M 2	00, 07 (Will only accept duplicates, 07, when the original transmission has failed.)
	BSN02	Shipment ID Number	M 30	Unique for each ASN.
	BSN03	Transaction Create Date	M 8	CCYYMMDD
	BSN04	Transaction Create Time	O 4/8	HHMM, HHMMSS, HHMMSSDD
	BSN05	Structure Type	M 4	0001 (preferred structure)
SHIPMENT LEVEL				
	HL01	Hierarchical ID Number	M 12	1
	HL03	Hierarchical Level Code	M 2	S
	TD101	Packaging Code	M 5	Accept any combinations where the first three positions are CTN or PLT (EX: CTN25)
	TD102	Lading Qty	M 7	
	TD106	Weight Qualifier	M 2	G
	TD107	Weight	M 10	
	TD108	Unit of Measure Code	M 2	LB, KG
	TD501	Routing Sequence Code	M 2	B, O
	TD502	Carrier ID Code	M 1	2
	TD503	Carrier ID	M 4	SCAC Code (See The Bon Ton web site for valid SCAC code listing.)

**THE BON TON DEPT STORE's
ASN (856) PICK PACK MAPPING SPECIFICATION
- FOR VICS VERSION 4030**

All changes from our 4010 VICS version are shaded - yellow.

Segment	Element	Description	Attributes	Value
SHIPMENT LEVEL (cont'd)				
REF01	128	Reference ID Qualifier	M 2	BM (preferred), MB If 'MB' is used because multiple bill of ladings exist for a shipment, BM is REQUIRED in the Order Detail REF segment.
REF02	127	Reference ID	M 30	
DTM01	374	Date/ Time Qualifier	M 3	011 (preferred), 068, 067
DTM02	373	Date	M 8	CCYYMMDD
DTM03	337	Time	O 4/8	HHMM, HHMMSS, HHMMSSDD
N101	098	Entity ID Code	M 2	SF, ST
N102	093	Name	O 35	
N103	066	ID Code Qualifier	M 1/2	Ship from - 91 (preferred), 1. Provide associated values. Ship to - 92
N104	067	ID Code	M *10	Max allowable length dependent on qualifier. SF = 10, ST = 3
N401	019	City Name	C 30	
N402	156	State or Province Code	O 2	
N403	116	Postal Code	O 9	
N404	026	Country Code	O 3	Required when not "USA"

**THE BON TON DEPT STORE's
ASN (856) PICK PACK MAPPING SPECIFICATION
- FOR VICS VERSION 4030**

All changes from our 4010 VICS version are shaded - yellow.

Segment	Element	Description	Attributes	Value
ORDER LEVEL				
HL01	628	Hierarchical ID Number	M 12	Sequential Number with transaction set
HL02	734	Hierarchical Parent ID	M 12	HL segment number to which this HL segment is subordinate
HL03	735	Hierarchical Level Code	M 2	O
PRF01	324	Purchase Order Number	M 7	
PRF02	328	Release Number	O 7	
PRF06	367	Contract Number	O 7	
TD101	103	Packaging Code	M 5	Accept any combinations where the first three positions are CTN or PLT (ex: CTN25)
TD102	080	Lading Qty	M 7	
TD106	187	Weight Qualifier	M 2	G
TD107	081	Weight	M 10	
TD108	355	Unit of Measure Code	M 2	LB, KG
REF01	128	Reference ID Qualifier	C 2	BM, IV, IA, DP
REF02	127	Reference Number	C 30	
N101	098	Entity ID Code	M 2	BY
N102	093	Name	O 35	
N103	066	ID Code Qualifier	M 2	92
N104	067	ID Code	M 3	Valid Bon Ton Selling Location

**THE BON TON DEPT STORE'S
ASN (856) PICK PACK MAPPING SPECIFICATION
- FOR VICS VERSION 4030**

All changes from our 4010 VICS version are shaded - yellow.

Segment	Element	Description	Attributes	Value
PACK LEVEL				
HL01	628	Hierarchical ID Number	M 12	Sequential Number with transaction set
HL02	734	Hierarchical Parent ID	M 12	HL segment number to which this HL segment is subordinate
HL03	735	Hierarchical Level Code	M 2	P
<hr/>				
PO406	384	Gross Weight Per Pack	O 9	
PO407	355	Unit of Measure Code	C 2	LB, KG
PO410	082	Length	O 8	
PO411	189	Width	O 8	
PO412	065	Height	O 8	
PO413	355	Unit of Measure Code	C 2	FT, MR, IN, CM
<hr/>				
MAN01	088	Mark and Numbers Qualifier	M 2	GM
MAN02	087	Mark and Numbers	M 20	UCC-128 Number
<hr/>				
ITEM LEVEL				
HL01	628	Hierarchical ID Number	M 12	Sequential Number with transaction set
HL02	734	Hierarchical Parent ID	M 12	HL segment Number to which this HL segment is subordinate
HL03	735	Hierarchical Level Code	M 2	I
<hr/>				
LIN02	235	Product/Service ID Qualifier	M 2	UP or EN
LIN03	234	Product/Service ID	M 12 / 13	UPC or EAN Number if UPC must be 12 digits if EAN must be 13 digits
<hr/>				
SN102	382	Number of Units Shipped	M 10	
SN103	355	Unit of Measure Code	M 2	EA

**THE BON TON DEPT STORE's
ASN (856) PICK PACK MAPPING SPECIFICATION
- FOR VICS VERSION 4030**

All changes from our 4010 VICS version are shaded - yellow.

Segment	Element	Description	Attributes	Value
SUMMARY				
	CTT01	354	Number of line items	M 6
	SE01	096	Total segments	M 10
	SE02	329	Transaction Set Control Number	M 9 Sequential, start at 1