

**KOHL'S 856 – SHIP NOTICE / MANIFEST
PROGRAMMER'S REFERENCE GUIDE**

VERSION 4010VICS

Revised: April 8, 2008

856 Advance Ship Notice

Definition

The transaction set can be used to list the contents of a shipment of goods as well as additional information relating to the shipment, such as order information, product description, physical characteristics, type of packaging, marking, carrier information, and configuration of goods within the transportation equipment. The transaction set enables the sender to describe the contents and configuration of shipment in various levels of detail and provides an ordered flexibility to convey information.

Business Rules and Requirements

Our trading partners must support the following:

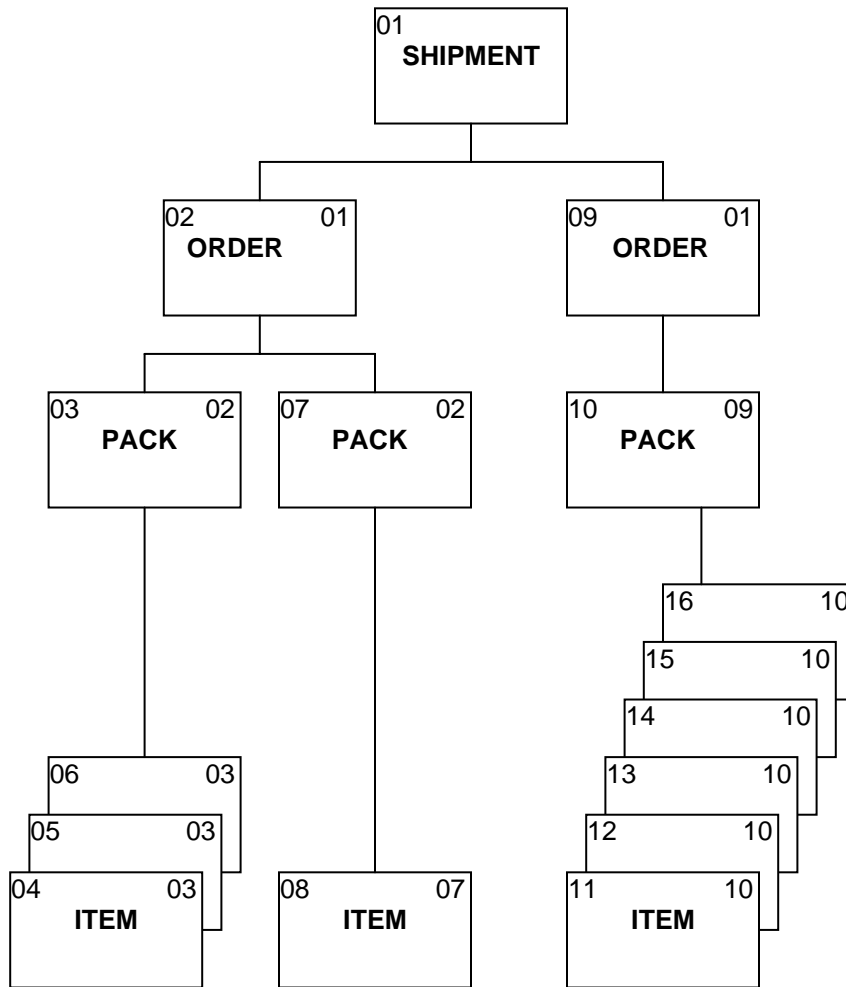
- The 856 is a required document.
- Vendors must utilize the EDI 816 Organizational Relationship to identify store to Distribution Center ship to associations.
- Kohl's requires the EDI 856 Advance Ship Notification (ASN) transmission be sent immediately, on or before the release of the shipment to the carrier.
- Kohl's requires ASN's to be transmitted 24/7 including holidays and weekends.
- If there is a disruption of the normal EDI ASN service, Kohl's expects the vendor to email edimio@kohls.com prior to the next EDI ASN transmission and to convert back to paper packing lists requirements until the system issues are resolved.
- ASN's for different shipments cannot be sent with the same ASN number in the BSN02 field. EDI standards dictate that a unique number be assigned for each ASN sent.
- Valid UPC's are required.
- Pack and Item detail must be complete.
- The same SSCC number cannot be transmitted more than once on the ASN.
- SSCC numbers cannot be reused with one year.
- Only one shipment loop is allowed for each ASN.
- Standard Carton Structure must include the PO4 at the pack level.
- Trading Partners that send ASN's in error due to a change in shipment information need to have approval before retransmitting. An email must be sent to edimio@kohls.com that includes the Purchase Order number, Bill of Lading number, DC number and details of the incorrect Information. Kohl's will review and determine whether a retransmit is necessary.
- If an ASN needs to be retransmitted, the BSN02 segment must be changed or the ASN will reject as a duplicate in Kohl's system and will not be processed.
- Do not transmit ASN's Direct to Store or sample orders.

Frequently Asked Questions

- Q. Can the Standard Carton Pack Structure be used for every order type?
A. The Standard Structure can only be used when there is one UPC in a carton.
- Q. Can the Pick and Pack Structure be used with every order type?
A. Yes.
- Q. What is the CAN?
A. This is Kohl's Carrier Authorization Number (CAN) which is generated from our TMS (Transportation Management System).
- Q. Where do I obtain the CAN?
A. This is emailed to the vendor when the carrier has accepted the shipment.
- Q. Do I need to send an ASN for a landed shipment?
A. Yes, ASN's are required for landed shipments. Please contact edimio@kohls.com for more information.
- Q. Do I need to send an ASN for a Direct to Store or sample shipment?
A. No, ASN's are not required for Direct to Store shipments.

PICK AND PACK STRUCTURE EXAMPLE

In this Pick and Pack Structure example, the shipment contains two orders. The first order has two cartons. The first carton contains three items. The second carton contains one item. The second order contains one carton with 6 items in the carton. Each box represents one hierarchical level (one HL segment followed by data segments). The number in each box (top left corner) is the hierarchical sequence number (the number in HL01). The number in the top right is the parent ID (HL02). Please note that in order to see examples change view to page layout format with Microsoft Word.



STANDARD CARTON PACK STRUCTURE EXAMPLE

In this example the shipment contains two orders.

The first order has five cartons. All cartons contain the same item.

The second order contains three cartons with a unique item in each carton. Each box represents one hierarchical level (one HL segment followed by data segments). The number in each box (top left corner) is the hierarchical sequence number (the number in HL01). The number in the top right is the parent ID (HL02).

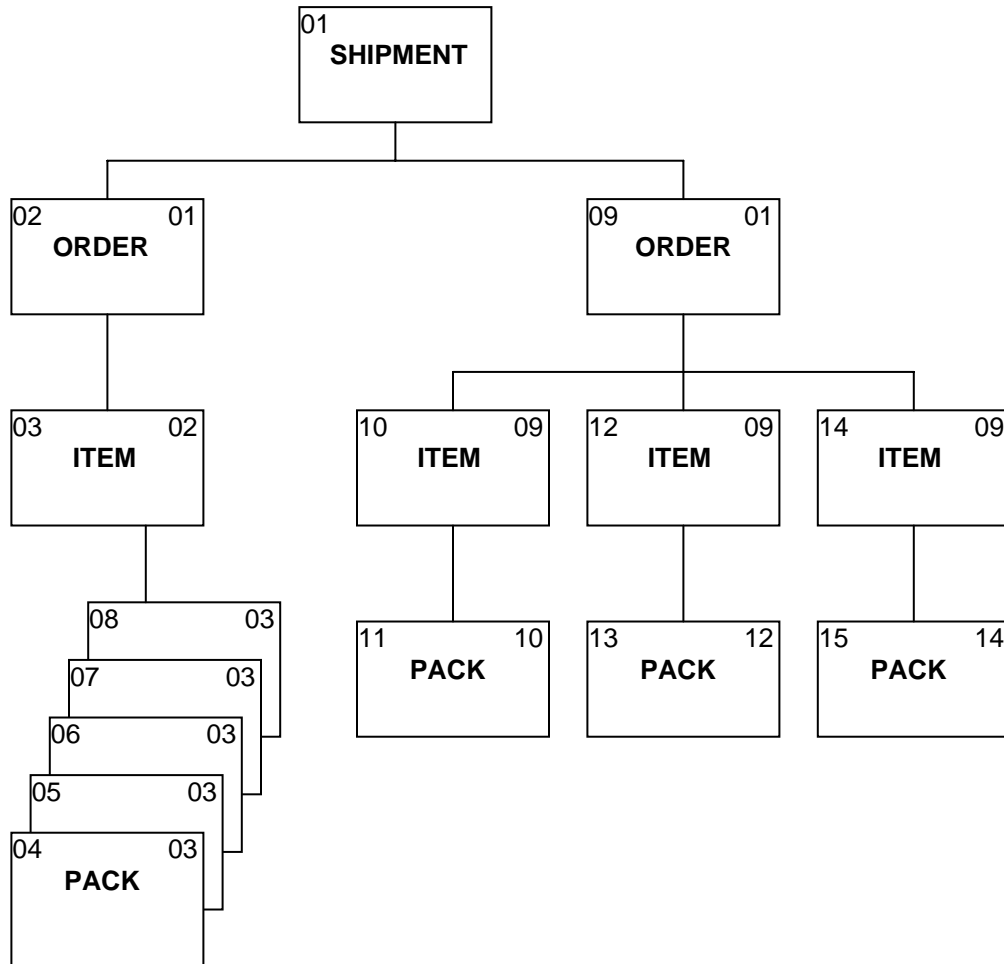


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Segment: ISA - Interchange Control Header

Level: Envelope

Loop: -----

Usage: Mandatory

Max Use: 1

Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments.

---- Data Element Summary ----

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>VICS Attributes</u>
ISA01	I01	Authorization Information Qualifier 00 No Authorization Information Present	M ID 2/2
ISA02	I02	Authorization Information This field should contain spaces	M AN 10/10
ISA03	I03	Security Information Qualifier 00 No Security Information Present	M ID 2/2
ISA04	I04	Security Information This field should contain spaces	M AN 10/10
ISA05	I05	Interchange ID Qualifier 01 Duns (Dun & Bradstreet) 08 UCC EDI Communications ID (Comm ID) 12 Phone Number 13 UCS Code 14 Duns Plus Suffix	M ID 2/2
ISA06	I06	Interchange Sender ID This field should contain your partner ID	M AN 15/15
ISA07	I05	Interchange ID Qualifier 12 Phone Number	M ID 2/2
ISA08	I07	Interchange Receiver ID 14147844480 GXS Global eXchange Services	M AN 15/15
ISA09	I08	Interchange Date Format is YYMMDD	M DT 6/6
ISA10	I09	Interchange Time Format is HHMM; 24 hour clock	M TM 4/4
ISA11	I10	Interchange Control Standards Identifier U U.S. EDI Community of ASC X12	M ID 1/1
ISA12	I11	Interchange Control Version Number 00401 Version 4, Release 1	M ID 5/5
ISA13	I12	Interchange Control Number This number uniquely identifies the interchange data	M N0 9/9
ISA14	I13	Acknowledgement Requested 0 No Acknowledgement Requested	M ID 1/1
ISA15	I14	Test Indicator P Production Data T Test Data	M ID 1/1
ISA16	I15	Component Element Separator > The value identified for retail use	M 1/1

Segment: **GS – Functional Group Header**

Level: **Envelope**

Loop: **-----**

Usage: **Mandatory**

Max Use: **1**

Purpose: **To indicate the beginning of a functional group and to provide control information.**

---- Data Element Summary ----

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>VICS Attributes</u>
GS01	479	Functional Identifier Code SH Ship Notice / Manifest (856)	M ID 2/2
GS02	142	Application Sender's Code This field should contain your partner ID	M AN 2/15
GS03	124	Application Receiver's Code 14147844480 GXS Global eXchange Services	M AN 2/15
GS04	373	Date Format is CCYYMMDD	M DT 8/8
GS05	337	Time Format is HHMM; 24 hour clock	M TM 4/8
GS06	28	Group Control Number This number uniquely identifies the functional group	M N0 1/9
GS07	455	Responsible Agency Code X Accredited Standards Committee X12	M ID 1/2
GS08	480	Version / Release / Industry Identifier Code 004010VICS	M AN 1/12

Segment: **ST** – Transaction Set Header

Level: Header

Loop: -----

Usage: Mandatory

Max Use: 1

Purpose: To indicate the start of a transaction set and to assign a control number.

---- Data Element Summary ----

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>VICS Attributes</u>
ST01	143	Transaction Set Identifier Code 856 Ship Notice / Manifest	M ID 3/3
ST02	329	Transaction Set Control Number This number uniquely identifies the transaction set	M AN 4/9

Segment: BSN – Beginning Segment for Ship Notice

Level: Header

Loop: -----

Usage: Mandatory

Max Use: 1

Purpose: To transmit identifying numbers, dates, and other basic data relating to the transaction set.

---- Data Element Summary ----

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>VICS Attributes</u>
BSN01	353	Transaction Set Purpose Code 00 Original	M ID 2/2
BSN02	396	Shipment Identification A unique number to identify a specific shipment	M AN 2/30
BSN03	373	Date Create Date - Format is CCYYMMDD	M DT 8/8
BSN04	337	Time Create Time - Format is HHMM	M TM 4/8
BSN05	1005	Hierarchical Structure Code 0001 Pick and Pack Structure Shipment, Order, Pack, Item 0002 Standard Carton Pack Structure Shipment, Order, Item, Pack	M ID 4/4

Note:

- **The BSN02 must be unique or the entire document will be rejected.**

Segment: HL – Hierarchical Level

Level: Detail - Shipment

Loop: HL Usage: Mandatory Max Use: 200000

Usage: Mandatory

Max Use: 1

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments.

---- Data Element Summary ----

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>VICS Attributes</u>
HL01	628	Hierarchical ID Number A unique number for each occurrence of the HL segment. The value at the shipment level is 1.	M AN 1/12
HL03	735	Hierarchical Level Code S Shipment	M ID 1/2

Segment: TD1 – Carrier Details (Quantity and Weight)

Level: Detail – Shipment

Loop: HL

Kohl's Usage: Mandatory

Max Use: 20

Purpose: To specify the transportation details relative to commodity, weight, and quantity.

---- Data Element Summary ----

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>VICS Attributes</u>
TD101	103	Packaging Code CTN25 Carton – Corrugated or Solid	O AN 3/5
TD102	80	Lading Quantity The number of packages in the shipment	C N0 1/7
TD106	187	Weight Qualifier G Gross Weight	O ID 1/2
TD107	81	Weight	C R 1/10
TD108	355	Unit or Basis for Measurement Code LB Pounds	C ID 2/2

Segment: TD5 – Carrier Details (Routing Sequence / Transit Time)

Level: Detail - Shipment

Loop: HL

Kohl's Usage: Mandatory

Kohl's Max Use: 1

Purpose: To specify the carrier and sequence of routing and provide transit time information.

---- Data Element Summary ----

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>VICS Attributes</u>
TD501	133	Routing Sequence Code O Origin Carrier (Air, Motor, or Ocean)	O ID 1/2
TD502	66	Identification Code Qualifier 2 Standard Carrier Alpha Code (SCAC)	C ID 1/2
TD503	67	Identification Code Standard Carrier Alpha Code (SCAC)	C AN 2/80
TD504	91	Transportation Method / Type Code A Air AE Air Express BU Bus C Consolidation CE Customer Pickup / Customer's Expense D Parcel Post E Expedited Truck H Customer Pickup L Contract Carrier M Motor (Common Carrier) R Rail S Ocean T Best Way (Shipper's Option) U Private Parcel Service	C ID 1/2

Note:

- When using a small package service provider as the carrier, TD504 should contain code U.

Segment: TD3 – Carrier Details (Equipment)

Level: Detail - Shipment

Loop: HL

Kohl's Usage: Optional

Kohl's Max Use: 1

Purpose: To specify transportation details relating to the equipment used by the carrier.

---- Data Element Summary ----

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>VICS Attributes</u>
TD301	40	Equipment Description Code CN Container	C ID 2/2
TD302	206	Equipment Initial Container SCAC Code	O AN 1/4
TD303	207	Equipment Number Unique Container ID	C AN 1/10

Note:

- **This segment is mandatory for Import and Landed shipments.**

Segment: REF – Reference Identification

Level: Detail – Shipment

Loop: HL

Kohl's Usage: Mandatory

Max Use: > 1

Purpose: To specify identifying information.

---- Data Element Summary ----

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>VICS Attributes</u>
REF01	128	Reference Identification Qualifier 06 System Number/Kohl's Carrier Authorization Number (CAN) BM Bill of Lading Number (BOL) CN Carrier's Reference Number (PRO)	M ID 2/3
REF02	127	Reference Identification	M AN 1/30

Notes:

- Kohl's requires that the Bill of Lading Number and the Carrier Authorization Number are transmitted.
- The Carrier's Reference Number is optional but preferred.
- The Bill of Lading number must match the number on the physical Bill of Lading that is tendered to the carrier.

Example:

REF*06*00005678910S
REF*BM*12345678912345678
REF*CN*293010

Segment: PER – Administrative Communications Contact

Level: Detail – Shipment

Loop: HL

Kohl's Usage: Mandatory

Max Use: 3

Purpose: To identify a person or office to whom administrative communications should be directed

--- Data Element Summary ---

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>VICS Attributes</u>
PER01	366	Contact Function Code IC Information Contact	M ID 2/2
PER03	365	Communication Number Qualifier Reference Identification Number EM Email	C ID 2/2
PER04	364	Communication Number Email Address	C AN 1/80

Segment: **DTM** – Date / Time Reference

Level: **Detail** – Shipment

Loop: **HL**

Kohl's Usage: **Mandatory**

Max Use: **10**

Purpose: **To specify pertinent dates and times.**

---- Data Element Summary ----

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>VICS Attributes</u>
DTM01	374	Date / Time Qualifier 011 Shipped	M ID 3/3
DTM02	373	Date Date merchandise shipped - Format is CCYYMMDD	M DT 8/8
DTM03	337	Time Time merchandise shipped – Format is HHMM	C TM 4/8

Segment: N1 – Name

Level: Detail - Shipment

Loop: HL / N1 Usage: Optional

Kohl's Usage: Mandatory Max Use: 200

Max Use: 1

Purpose: To identify a party by type of organization, name, and code.

---- Data Element Summary ----

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>VICS Attributes</u>
N101	98	Entity Identifier Code SF Ship From ST Ship To	M ID 2/3
N102	93	Name Kohl's Vendor Name	C AN 1/60
N103	66	Identification Code Qualifier 91 Assigned by Seller 92 Assigned by Buyer	C ID 1/2
N104	67	Identification Code Kohl's 5-digit DC Number Kohl's 5-digit Store Number Vendor's Location ID or Vendor/Consolidator Name	C AN 2/80

Note:

- Kohl's has multiple Distribution Centers. Store and Distribution Center associations are transmitted via the 816-Organizational Relationship document.

Examples:

When N101 = ST, N102 should be Kohl's
N103 should be 92
N104 should be a Kohl's 5-digit Distribution Center or Store number

When N101 = SF, N102 should be the vendor/consolidator name
N103 should be 91
N104 should be the Vendor Location ID if there is more than one shipping location.
If there is only one shipping location, this field can contain the vendor name.

Segment: N3 – Address Information

Level: Detail - Shipment

Loop: HL / N1

Kohls Usage: Mandatory

Max Use: 2

Purpose: To specify the location of the named party.

---- Data Element Summary ----

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>VICS Attributes</u>
N301	166	Address Information	M AN 1/55
N302	166	Address Information	O AN 1/55

Note:

- This segment needs to be sent if the previous N1 segment contains Ship From information.

Segment: N4 – Geographic Location

Level: Detail - Shipment

Loop: HL / N1

Kohls Usage: Mandatory

Max Use: 1

Purpose: To specify the geographic place of the named party.

---- Data Element Summary ----

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>VICS Attributes</u>
N401	19	City Name	O AN 2/30
N402	156	State or Province Code	O ID 2/2
N403	116	Postal Code	O ID 3/15

Note:

- **This segment needs to be sent if the previous N1 segment contains Ship From information.**

Segment: HL – Hierarchical Level

Level: Detail – Order

Loop: HL Usage: Mandatory Max Use: 200000

Usage: Mandatory

Max Use: 1

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments.

---- Data Element Summary ----

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>VICS Attributes</u>
HL01	628	Hierarchical ID Number A unique number for each occurrence of the HL segment.	M AN 1/12
HL02	734	Hierarchical Parent ID Number ID Number of the next higher hierarchical HL segment.	M AN 1/12
HL03	735	Hierarchical Level Code O Order	M ID 1/2

Segment: PRF – Purchase Order Reference

Level: Detail – Order

Loop: HL

Kohl's Usage: Mandatory

Max Use: 1

Purpose: To provide reference to a specific purchase order.

---- Data Element Summary ----

<u>Ref.</u>	<u>Data</u>		<u>VICS</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
PRF01	324	Purchase Order Number	M AN 1/22

Notes:

- The Purchase Order number is required and must match the number transmitted on Kohl's 850.

Segment: TD1 – Carrier Details (Quantity and Weight)

Level: Detail – Order

Loop: HL

Kohl's Usage: Mandatory

Max Use: 20

Purpose: To specify the transportation details relative to commodity, weight, and quantity.

---- Data Element Summary ----

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>VICS Attributes</u>
TD101	103	Packaging Code CTN25 Carton – Corrugated or Solid	O AN 3/5
TD102	80	Lading Quantity Number of cartons on shipment for this order	C N0 1/7

Segment: REF – Reference Identification

Level: Detail – Order

Loop: HL

Kohl's Usage: Optional

Max Use: > 1

Purpose: To specify identifying information.

---- Data Element Summary ----

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>VICS Attributes</u>
REF01	128	Reference Identification Qualifier DP Department Number IV Seller's Invoice Number	M ID 2/3
REF02	127	Reference Identification	M AN 1/30

Segment: N1 – Name

Level: Detail – Order

Loop: HL / N1 Usage: Optional Kohl's Usage: Mandatory Max Use: 200

Kohl's Usage: Mandatory

Max Use: 1

Purpose: To identify a party by type of organization, name, and code.

---- Data Element Summary ----

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>VICS Attributes</u>
N101	98	Entity Identifier Code BY Buying Party	M ID 2/3
N103	66	Identification Code Qualifier 92 Assigned by Buyer	C ID 1/2
N104	67	Identification Code Kohl's 5 Digit DC Number Kohl's 5 Digit Store Number	C AN 2/80

Note:

- Kohl's has multiple Distribution Centers. Store and Distribution Center associations are transmitted via the 816-Organizational Relationship document.

Examples:

When N101 = ST, N102 should be KOHLS

N103 should be 92

N104 should be a Kohl's 5-digit Distribution Center or Store number

When N101 = SF, N102 should be the vendor/consolidator name

N103 should be 91

N104 should be the Vendor Location ID if there is more than one shipping location.

If there is only one shipping location, this field can contain the vendor name.

Segment: HL – Hierarchical Level

Level: Detail – Pack

Loop: HL Usage: Optional Max Use: 200000

Usage: Mandatory

Max Use: 1

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments.

---- Data Element Summary ----

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>VICS Attributes</u>
HL01	628	Hierarchical ID Number A unique number for each occurrence of the HL segment.	M AN 1/12
HL02	734	Hierarchical Parent ID Number ID Number of the next higher hierarchical HL segment.	M AN 1/12
HL03	735	Hierarchical Level Code P Pack	M ID 1/2

Segment: PO4 – Item Physical Details

Level: Detail – Pack

Loop: HL

Kohl's Usage: Optional

Max Use: 1

Purpose: To specify the physical qualities, packaging, weights, and dimensions relating to the item.

---- Data Element Summary ----

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>VICS Attributes</u>
PO401	356	Pack The number of inner containers per outer carton OR The number of eaches if there are no inner containers	O N0 1/6
PO410	82	Length	C R 1/8
PO411	189	Width	C R 1/8
PO412	65	Height	C R 1/8
PO413	355	Unit or Basis for Measurement Code	C ID 2/2
PO414	810	Inner Pack The number of eaches per inner container.	O N0 1/6

Notes:

- Kohls does not require the PO4 segment if the ASN is in the Pick and Pack Structure.
- The PO4 segment is mandatory if the ASN is in the Standard Structure.
- The PO414 is required if there are inner containers in each outer carton. If there are no inner containers, send only the PO401.
- Examples of an inner container can be bundles, polybags or inner cartons.

Example:

The carton contains 2 inner containers, each of which has 4 items
PO4*2*****4

Segment: **PKG – Marking, Packaging, Loading**

Level: **Detail – Pack**

Loop: **HL**

Kohl's Usage: **Optional**

Max Use: **25**

Purpose: **To describe marking, packaging, loading, and unloading requirements.**

---- Data Element Summary ----

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>VICS Attributes</u>
PKG01	349	Item Description Type S Structured (From Industry Code List)	M ID 1/1
PKG02	753	Packaging Characteristic Code 36 Package Specifications	O ID 1/5
PKG03	559	Agency Qualifier Code VI VICS EDI	M ID 2/2
PKG04	754	Packaging Description Code Part 1: Container Type (Position 1) L Logical Container P Physical Container Part 2: Container Configuration (Positions 2-3) 01 Carton 02 Carton, Hanging Garments 03 Carton, With Hangers (not hanging) 04 Carton, With Identifiable Inner Packs 05 Carton, With Unidentifiable Inner Packs	M AN 1/7

Segment: **MAN – Marks and Numbers**

Level: **Detail – Pack**

Loop: **HL**

Kohl's Usage: **Mandatory**

Max Use: **>1**

Purpose: **To indicate identifying marks and numbers for shipping containers.**

---- Data Element Summary ----

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>VICS Attributes</u>
MAN01	88	Marks and Numbers Qualifier GM SSCC-18 and Application Identifier	M ID 1/2
MAN02	87	Marks and Numbers	M AN 1/48

Segment: HL – Hierarchical Level

Level: Detail – Item

Loop: HL Usage: Mandatory Max Use: 200000

Usage: Mandatory

Max Use: 1

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments.

---- Data Element Summary ----

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>VICS Attributes</u>
HL01	628	Hierarchical ID Number A unique number for each occurrence of the HL segment.	M AN 1/12
HL02	734	Hierarchical Parent ID Number ID Number of the next higher hierarchical HL segment.	M AN 1/12
HL03	735	Hierarchical Level Code I Item	M ID 1/2

Segment: LIN – Item Identification

Level: Detail – Item

Loop: HL

Kohl's Usage: Mandatory

Max Use: 1

Purpose: To specify basic item identification data.

---- Data Element Summary ----

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>VICS Attributes</u>
LIN02	235	Product / Service ID Qualifier UP UPC Code - Universal Product Code EN EAN - European Article Number	M ID 2/2
LIN03	234	Product / Service ID UPC Number EAN	M AN 1/48
LIN04	235	Product / Service ID Qualifier CB Buyers Catalog Number	O ID 2/2
LIN05	234	Product / Service ID Kohl's CB number	O AN 1/48

Notes:

- The UPC or EAN is required and must match the UPC or EAN on the Kohl's 850 transmission.
- Kohl's recommends when shipping an assortment that the LIN03 reflect the pack UPC number. The SN103 needs to be AS for assortment. The SLN/Item loops would contain the item UPC numbers or EAN's.

Segment: **SN1 – Item Detail (Shipment)**

Level: **Detail – Item**

Loop: **HL**

Kohl's Usage: **Mandatory**

Max Use: **1**

Purpose: **To specify line-item detail relative to shipment.**

---- Data Element Summary ----

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>VICS Attributes</u>
SN102	382	Number of Units Shipped	M R 1/10
SN103	355	Unit or Basis for Measurement Code EA Each AS Assortment	M ID 2/2

Notes:

- For the Standard Carton Structure, the SN102 should be the total number of eaches per UPC shipped.
- For the Pick and Pack Structure, when the SN103 is EA theSN102 must be the total number of units per carton.
- For the Pick and Pack Structure when the SN103 is AS the SN102 must be the total number of packs in the carton.

Segment: SLN – Subline Item Detail

Level: Detail – Item

Loop: HL

Usage: Optional

Max Use: 1000

Purpose: To specify product subline detail item data.

---- Data Element Summary ----

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>VICS Attributes</u>
SLN01	350	Assigned Identification	M AN 1/20
SLN03	662	Relationship Code S Substituted I Included	M ID 1/1
SLN04	380	Quantity	C R 1/15
SLN05	355	Unit or Basis for Measurement Code EA Each	M ID 2/2
SLN09	235	Product / Service ID Qualifier UP UPC Code - Universal Product Code EN EAN - European Article Number	C ID 2/2
SLN10	234	Product / Service ID UPC Number EAN	C AN 1/48

Notes:

- **The SLN10 must contain the item UPC numbers or EAN's within the pack.**

Segment: PO4 – Item Physical Details

Level: Detail – Item

Loop: HL

Kohl's Usage: Optional

Max Use: 1

Purpose: To specify the physical qualities, packaging, weights, and dimensions relating to the item.

---- Data Element Summary ----

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>VICS Attributes</u>
PO401	356	Pack The number of inner containers per outer container OR The number of eaches if there are no inner containers	O N0 1/6
PO414	810	Inner Pack The number of eaches per inner container	O N0 1/6

Notes:

- This segment can be sent only for the Pick and Pack Structure.
- The PO414 is required if there are inner containers in each outer carton. If there are no inner containers, send only the PO401.
- Examples of an inner container can be bundles, polybags or inner cartons.

Example:

The carton contains 2 inner containers, each of which has 4 items
PO4*2*****4

Segment: CTT – Transaction Totals

Level: Summary

Loop: -----

Kohl's Usage Mandatory

Max Use: 1

Purpose: To transmit a hash total for a specific element in the transaction set.

---- Data Element Summary ----

<u>Ref.</u>	<u>Data</u>		<u>VICS</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
CTT01	354	Number of Line Items	M NO 1/6

Note:

- This is the number of HL segments present in the transaction set.

Segment: **SE – Transaction Set Trailer**

Level: **Summary**

Loop: **-----**

Usage: **Mandatory**

Max Use: **1**

Purpose: **To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).**

--- Data Element Summary ---

<u>Ref.</u>	<u>Data</u>		<u>VICS</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
SE01	96	Number of Included Segments	M N0 1/10
SE02	329	Transaction Set Control Number	M AN 4/9

Note:

- **The SE02 must be the same as the ST02.**

Segment: GE – Functional Group Trailer

Level: Envelope

Loop: -----

Usage: Mandatory

Max Use: 1

Purpose: To indicate the end of a functional group and to provide control information.

---- Data Element Summary ----

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>VICS Attributes</u>
GE01	97	Number of Transaction Sets Included The number of ST segments within the group	M N0 1/6
GE02	28	Group Control Number	M N0 1/9

Note:

- **The GE02 must be the same as the GS06.**

Segment: IEA – Interchange Control Trailer

Level: Envelope

Loop: -----

Usage: Mandatory

Max Use: 1

Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments.

--- Data Element Summary ---

<u>Ref.</u>	<u>Data</u>		<u>VICS</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
IEA01	I16	Number of Included Functional Groups	M N0 1/5
IEA02	I12	Interchange Control Number	M N0 9/9

Note:

- The IEA01 must be the number of GS segments within the transmission.
- The IEA02 must be the same as the ISA13.

The first ASN example below is complete with all segments. The following examples will only contain the segments that changed.

ASN Example # 1- Pick and Pack Structure-Mark for store, ship to DC (Pack by Store)

Shipment Number	000004
Carton Qty / Weight	2 Cartons / 100 Pounds
Carrier's Standard Alpha Code	ABCD
CAN	00000123456S
Bill of Lading	562834
Pro Number	293010
Information Contact	JDOE@123.COM
Date Shipped	01/15/2007 2:30 p.m.
Ship to Location	Distribution Center #00810
Purchase Order #1	234567

First Carton's SSCC	00000111111111111111
First UPC	888888888888
Units Shipped	20
Mark for	Store 00007

Second UPC	888999999999
Units Shipped	5
Mark for	Store #00007

Second carton's SSCC	00000222222222222222
UPC	888888555555
Units Shipped	10
Mark for	Store 00008

ISA*00*00* *12*111111111111 *12*14147844480*070112*1136*U*00401*600000001*0*P
GS*PO*111111111111*14147844480*20070112*1136*600000001*X*004010VICS
ST*856*0001
BSN*00*000004*20070112*0001
HL*1**S
TD1*CTN25*2***G*100*LB
TD5*O*2*JDOE*M
REF*06*00000123456S
REF*BM*562834
REF*CN*293010
PER*IC**EM*JDOE@123.COM
DTM*011*20071501*1430
N1*ST*KOHL'S*92*00810
N1*SF*COMPANY NAME*91*10
N3*123 NORTH MAIN STREET
N4*ORLANDO*FL*55555
HL*2*1*O
PRF*234567
TD1*CTN25*1
N1*BY**92*00007
HL*3*2*P
MAN*GM*00000111111111111111
HL*4*3*I
LIN**UP*888888888888
SN1**20*EA
HL*5*3*I
LIN**UP*888999999999
SN1**5*EA
HL*6*1*O
PRF*234567
TD1*CTN25*1
N1*BY**92*00008
HL*7*6*P
MAN*GM*00000222222222222222
HL*8*7*I
LIN**UP*888888555555
SN1**10*EA
CTT*8
SE*37*0001
GE*1*600000001
IEA*1*600000001

**ASN Example # 2a- Pick and Pack Structure – Assortment Order
1 Pack per Carton with Pack and Item UPC's**

MAN*GM*00000111111111111111
HL*4*3*I
LIN**UP*999999999999
SN1**1*AS
SLN*1**I*1*EA****UP*22222222555
SLN*2**I*3*EA****UP*22222222666
SLN*3**I*2*EA****UP*22222222777

**ASN Example # 2b- Pick and Pack Structure – Assortment Order
2 Packs per Carton with Pack and Item UPC's**

MAN*GM*00000111111111111111
HL*4*3*I
LIN**UP*999999999999
SN1**2*AS
SLN*1**I*1*EA****UP*22222222555
SLN*2**I*3*EA****UP*22222222666
SLN*3**I*2*EA****UP*22222222777

**ASN Example # 2c- Pick and Pack Structure – Assortment Order
1 Pack with Pack UPC and no Item UPC's**

MAN*GM*00000111111111111111
HL*4*3*I
LIN**UP*999999999999
SN1**1*AS

**ASN Example # 2d- Pick and Pack Structure – Assortment Order
with Item UPCs and no Pack UPC**

MAN*GM*00000111111111111111
HL*4*3*I
LIN**UP*22222222555
SN1**2*EA
HL*5*3*I
LIN**UP*22222222666
SN1*3*EA
HL*6*3*I
LIN**UP*22222222777
SN1*2*EA

ASN Example # 3- Pick and Pack Structure – Bulk Order (Same UPC in a Carton)

MAN*GM*00000111111111111111
HL*4*3*I
LINUP*888888888888**
SN1**10*EA
HL*5*2*P
MAN*GM*00000222222222222222
HL*6*5*I
LINUP*888888888888**
SN1**10*EA

ASN Example # 4 Standard Structure
This can only be used for Bulk Orders (Same UPC in a Carton)

BSN*00*000001*20071201*1430*0002

LINUP*888888888888**
SN1**20*EA
HL*4*3*P
PO4*2*****5
MAN*GM*00000111111111111111
HL*5*3*P
PO4*2*****5
MAN*GM*00000222222222222222
