

**KOHL'S 816 – ORGANIZATIONAL RELATIONSHIPS  
PROGRAMMER'S REFERENCE GUIDE**

**VERSION 4010VICS**

**Revised: February 10, 2005**

## 816 Organizational Relationships

816 – Organizational Relationship Document conveys location address information and location relationship information.

There are 2 different types of 816 Organizational Relationship files that will be sent by Kohl's.

- Location Relationship Relationships between distribution centers and the stores
- Location Address Address information for the stores and distribution centers

### Transmit Process:

- The first production transmit to a trading partner will be a complete Location Relationship file and a complete Location Address file.
- 816 documents will then be transmitted once a month. The Location Address file (BHT01=0065) will only be sent if there are address changes. Only change records will be sent. The Location Relationship file (BHT01=0057) will be sent each month.
- Trading partners may make a special request for a full file. They will receive an entire Location Address file and a Location Relationship file. It will be up to date as of the last scheduled production 816 run at Kohl's. Example, Kohl's regular 816 run is on the 10<sup>th</sup> of each month. If a vendor requests a full file on the 25<sup>th</sup> of the month, they will receive the files created on the 10<sup>th</sup> of that month.

### Trading Partner Requirements:

- Trading Partners will be responsible to review all purchase orders to be shipped on or after the effective date to ensure correct Store/DC association exists.
- Shipments to Kohl's released from your facilities on, or after, MM/DD/YY (effective date) need to adhere to the new store/DC association on the 816 document.
- The new Store/DC associates apply to all shipments released on or after, MM/DD/YY (effective date) regardless of the start ship date indicated on the purchase order.
- Failure to comply will result in misdirected freight and potential charge backs to the Trading Partner.

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Segment: ISA - Interchange Control Header

Level: Envelope

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 will 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 will contain spaces	M AN 10/10
ISA05	I05	Interchange ID Qualifier 12 Phone Number	M ID 2/2
ISA06	I06	Interchange Sender ID 14147844480 Kohl's Trading Partner ID 4147037000 Kohl's Trading Partner ID	M AN 15/15
ISA07	I05	Interchange ID Qualifier 01 Duns (Dun & Bradstreet) 08 UCC EDI Communications ID (Comm ID) 12 Phone Number	M ID 2/2
ISA08	I07	Interchange Receiver ID This field will contain your trading partner ID	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	Usage 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

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 OR Organizational Relationships (816)	M ID 2/2
GS02	142	Application Sender's Code 14147844480 Kohl's Trading Partner ID 4147037000 Kohl's Trading Partner ID	M AN 2/15
GS03	124	Application Receiver's Code This field will contain your partner ID	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

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 816 Organizational Relationships	M ID 3/3
ST02	329	Transaction Set Control Number This number uniquely identifies the transaction set	M AN 4/9

Segment: BHT – Beginning of Hierarchical Transaction

Level: Header

Usage: Mandatory

Max Use: 1

Purpose: To define the business hierarchical structure of the transaction set and identify the business application purpose and reference data, i.e., number, date, and time.

---- Data Element Summary ----

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>VICS Attributes</u>
BHT01	1005	Hierarchical Structure Code 0057 Location Relationship Structure 0065 Location Address Structure	M ID 4/4
BHT02	353	Transaction Set Purpose Code 00 Original 04 Change This code is used only when BHT01 contains code 0065.	M ID 2/2
BHT04	373	Date Format is CCYYMMDD	M DT 8/8

**Segment: N1 – Name**

**Level: Header**

**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 <b>FR Message From</b>	M ID 2/3
N102	93	Name <b>KOHL'S DEPARTMENT STORE</b>	C AN 1/60



**Segment: HL – Hierarchical Level**

**Level: Detail – Company or Supergroup**

**Loop: HL**

**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 <b>A unique number for each occurrence of the HL segment. The value for this level is 1.</b>	M AN 1/12
HL03	735	Hierarchical Level Code <b>24 Supergroup (Location Relationship Structure)</b> <b>35 Company / Corporation (Location Address Structure)</b>	M ID 1/2

Segment: N1 – Name

Level: Detail – Company or Supergroup

Loop: HL / N1

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 CQ Corporate Office	M ID 2/3
N102	93	Name KOHLS DEPARTMENT STORE	C AN 1/60

Segment: HL – Hierarchical Level

Level: Detail – Operating Unit or Subgroup

Loop: HL

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 <b>A unique number for each occurrence of the HL segment.</b>	M AN 1/12
HL02	734	Hierarchical Parent ID Number <b>ID number of the next higher hierarchical HL segment.</b>	M AN 1/12
HL03	735	Hierarchical Level Code <b>25 Subgroup (Location Relationship Structure)</b> <b>36 Operating Unit (Location Address Structure)</b>	M ID 1/2

Segment: N1 – Name

Level: Detail – Operating Unit or Subgroup

Loop: HL / N1

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 <b>WH Warehouse / Distribution Center (Location Relationship Structure)</b> <b>BU Place of Business (Location Address Structure)</b>	M ID 2/3
N102	93	Name	C AN 1/60
N103	66	Identification Code Qualifier <b>93 Assigned by Originator</b>	M ID 1/2
N104	67	Identification Code <b>Kohl's 5-digit distribution center number or store number</b>	M AN 2/80
N106	98	Entity Identifier Code <b>SN Store</b> <b>WH Warehouse / Distribution Center</b> <b>CQ Corporate Office</b>	O ID 2/3

**Note: N102 and N106 will only be sent in a Location Address Structure (BHT01 = 0065).**

Segment: N3 – Address Information

Level: Detail – Operating Unit or Subgroup

Loop: HL / N1

Usage: Optional

Max Use: 1

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 will only be sent in a Location Address Structure (BHT01 =0065).

Segment: N4 – Geographic Location

Level: Detail – Operating Unit or Subgroup

Loop: HL / N1

Usage: Optional

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 will only be sent in a Location Address Structure (BHT01 = 0065).

Segment: DTM – Date / Time Reference

Level: Detail – Operating Unit or Subgroup

Loop: HL / N1

Usage: Optional

Max Use: 1

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 007 Effective Date (Location Relationship Structure) 145 Opening Date (Location Address Structure) 146 Closing Date (Location Address Structure)	M ID 3/3
DTM02	373	Date Format is CCYYMMDD	M DT 8/8

Segment: ASI – Action or Status Indicator

Level: Detail – Operating Unit

Loop: HL / N1

Usage: Optional

Max Use: 1

Purpose: To indicate the action to be taken with the information provided or the status of the entity described.

--- Data Element Summary ---

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>VICS Attributes</u>
ASI01	306	Action Code 2 Change (Update)	M ID 1/2
ASI02	875	Maintenance Type Code Code identifying the specific type of item maintenance. 001 Change (all data about the location is replaced) 002 Delete (location is to be deleted) 021 Addition (new location is to be added)	M DT 3/3

Note: This segment will only be used with Location Address Structure (BHT01 = 0065)



Segment: HL – Hierarchical Level

Level: Detail – Member

Loop: HL

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 1/2
HL03	735	Hierarchical Level Code <b>26</b> Member (Location Relationship Structure)	M ID 1/2

Note: This segment will only be used in a Location Relationship Structure (BHT01 = 0057)

Segment: N1 – Name

Level: Detail – Member

Loop: HL / N1

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 SN Store	M ID 2/3
N103	66	Identification Code Qualifier 93 Assigned by Originator	M ID 1/2
N104	67	Identification Code Kohl's 5-digit store number	M AN 2/80

Note: This segment will only be used in a Location Relationship Structure (BHT01 = 0057)

Segment: SE – Transaction Set Trailer

Level: Summary

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. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>VICS Attributes</u>
SE01	96	Number of Included Segments	M N0 1/10
SE02	329	Transaction Set Control Number This will be the same as the control number in the ST segment (ST02)	M AN 4/9

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 NO 1/6
GE02	28	Group Control Number This will be the same as the control number in the GS segment (GS06)	M NO 1/9

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. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>VICS Attributes</u>
IEA01	I16	Number of Included Functional Groups The number of GS segments within the transmission	M NO 1/5
IEA02	I12	Interchange Control Number This will be the same as the control number in the ISA segment (ISA13)	M NO 9/9

## Location Relationship Structure Example

The relationship structure will be generated for a specific point in time. It will include active warehouses and the stores associated with each warehouse as of the generation date (BHT04). If there are changes planned for a future date, there will be additional HL loops for a warehouse and the stores associated with it as of a particular effective date.

The following example shows warehouse/store relationships for warehouses 00085, 00810 and 00830 as of 4/31/2002 (HL loops 2 – 7). Warehouse 00085, 00810 and 00830 will each have a new set of store relationships as of 5/20/2002 (HL loops 8&9, 10&11, 12&13 respectively). Warehouse 00085 will change again effective 7/8/2002 (HL loops 14&15).

```
BHT*0057*00**20020431
N1*FR*KOHLs DEPARTMENT STORE
HL*1**24
N1*CQ*KOHLs DEPARTMENT STORE
HL*2*1*25
N1*WH**93*00085
HL*3*2*26
N1*SN**93*00019
N1*SN**93*00039
N1*SN**93*00041
N1*SN**93*00043
N1*SN**93*00044
N1*SN**93*00048
N1*SN**93*00051
N1*SN**93*00052
N1*SN**93*00057
N1*SN**93*00058
.
.
.
HL*4*1*25
N1*WH**93*00810
HL*5*4*26
N1*SN**93*00007
N1*SN**93*00008
N1*SN**93*00009
.
.
.
N1*SN**93*00249
N1*SN**93*00250
.
.
.
HL*6*1*25
N1*WH**93*00830
HL*7*6*26
N1*SN**93*00255
N1*SN**93*00263
N1*SN**93*00265
.
.
.
HL*8*1*25
```

N1\*WH\*\*93\*00085  
DTM\*007\*20020520  
HL\*9\*8\*26  
N1\*SN\*\*93\*00019  
N1\*SN\*\*93\*00039  
N1\*SN\*\*93\*00041  
N1\*SN\*\*93\*00043  
N1\*SN\*\*93\*00044  
N1\*SN\*\*93\*00048  
N1\*SN\*\*93\*00057  
N1\*SN\*\*93\*00058

.  
.  
.

HL\*10\*1\*25  
N1\*WH\*\*93\*00810  
DTM\*007\*20020520  
HL\*11\*10\*26  
N1\*SN\*\*93\*00007  
N1\*SN\*\*93\*00008  
N1\*SN\*\*93\*00009

.  
.  
.

N1\*SN\*\*93\*00251  
N1\*SN\*\*93\*00252  
HL\*12\*1\*25  
N1\*WH\*\*93\*00830  
DTM\*007\*20020520  
HL\*13\*12\*26  
N1\*SN\*\*93\*00249  
N1\*SN\*\*93\*00250  
N1\*SN\*\*93\*00255  
N1\*SN\*\*93\*00263  
N1\*SN\*\*93\*00265

.  
.  
.

HL\*14\*1\*25  
N1\*WH\*\*93\*00085  
DTM\*007\*20020708  
HL\*15\*14\*26  
N1\*SN\*\*93\*00006  
N1\*SN\*\*93\*00019  
N1\*SN\*\*93\*00039

.  
.  
.

N1\*SN\*\*93\*00483  
N1\*SN\*\*93\*00484  
N1\*SN\*\*93\*00485

## Location Address Structure Example

### Original

The original location address structure will be generated for a specific point in time controlled by date. It will include address information for the corporate headquarters, all open warehouses, all open stores, and any warehouse or store that has a projected opening or closing date. The locations will be sorted in ascending location number, which is a unique number assigned to a location.

```
BHT*0065*00**20020401
N1*FR*KOHL'S DEPARTMENT STORE
HL*1**35
N1*CQ*KOHL'S DEPARTMENT STORE
HL*2*1*36
N1*BU*MACOMB*93*00007**SN
N3*32100 BEACONSFIELD
N4*ROSEVILLE*NI*480660000
HL*3*1*36
N1*BU*OAKLAND SQUARE*93*00008**SN
N3*500 JOHN R. ROAD
N4*TROY*MI*480840000
.
.
.
HL*46*1*36
N1*BU*MENOMONEE FALLS-DC*93*00085**WH
N3*N54 W13901 WOODALE DRIVE
N4*MENOMONEE FALLS*WI*530510000
.
.
.
HL*50*1*36
N1*BU*MEN. FALLS CORPORATE*93*00090**CQ
N3*N56 W17000 RIDGEWOOD DR
N4*MENOMONEE FALLS*WI*530510000
HL*51*1*36
N1*BU*ST. CHARLES*93*00078**SN
N3*CHARLESTOWNE MALL*3840 EAST MAIN STREET
N4*ST. CHARLES*IL*601740000
DTM*145*20020601*
HL*52*1*36
N1*BU*MANCHESTER*93*00503**SN
N3*UNKNOWN*
N4*HARTFORD*CT*000000000
DTM*145*20020818*
HL*53*1*36
N1*BU*SUNSET VALLEY*93*00588**SN
N3*1234 SUNNY SLOPE ROAD*
N4*SUNSET VALLEY*TX*765436543
DTM*145*20020818*
```



## Location Address Structure Example

### Change

Location address changes will be generated at regular intervals. Location address information will be generated if

- there is an address change for an open location or a location with a future open date
- a future open date changes
- a new location is added
- a location is closed
- a future close date changes

In the following example:

- Manchester is location 00503. It is a store with a future open date of August 18, 2002. The address has changed.
- Sunset Valley is location 00588. It is a store. The future open date has changed to October 10, 2002.
- Westridge is a new store (location 00592), that will be opening October 10, 2002.
- Oakland Square store, location 00008, has been closed.
- Southridge store, location 00123, will be closed on January 31, 2003.

```
BHT*0065*04**20020515
N1*FR*KOHL'S DEPARTMENT STORE
HL*1**35
N1*CQ*KOHL'S DEPARTMENT STORE
HL*2*1*36
N1*BU*MANCHESTER*93*00503**SN
N3*MANCHESTER SQUARE MALL*10200 E. CONCORD AVE*
N4*HARTFORD*CT*060830000
DTM*145*20020818*
ASI*2*001
HL*3*1*36
N1*BU*SUNSET VALLEY*93*00588**SN
N3*1234 SUNNY SLOPE ROAD*
N4*SUNSET VALLEY*TX*765436543
DTM*145*20021006*
ASI*2*001
HL*4*1*36
N1*BU*WESTRIDGE*93*00592**SN
N3*UNKNOWN*
N4*WEST MILWAUKEE*WI*532190000
DTM*145*20021006*
ASI*2*021
HL*5*1*36
N1*BU*OAKLAND SQUARE*93*00008**SN
DTM*146*20020414
ASI*2*002
HL*6*1*36
N1*SOUTHRIDGE*93*00123**SN
N3*5200 SO 76 ST*
N4*GREENDALE*WI*53220
DTM*146*20030131
ASI*2*001
```

