

# 816 Organizational Relationships

Functional Group ID=**OR**

## Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Organizational Relationships Transaction Set (816) within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to transmit pertinent information about a parent organization, its members and the relationship of a member to another member, and/or to the parent organization. A parent organization could be an association, a multi-hospital system, a chain of retail stores, a holding company, etc. This transaction set can be used to convey the identity and relationship of members to a parent organization; identify eligibility to purchase under the terms and conditions negotiated by a parent organization on behalf of its members; and to update application databases.

## Heading:

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
10.00	ST	Transaction Set Header	M	1.00		
20.00	BHT	Beginning of Hierarchical Transaction	M	1.00		n1
30.00	DTM	Date/Time Reference	O	10.00		not used
35.00	REF	Reference Numbers	O	12.00		not used
		LOOP ID - N1			>1	
40.00	NI	Name	M	1.00		n2
50.00	N2	Additional Name Information	O	2.00		not used
60.00	N3	Address Information	O	2.00		not used
70.00	N4	Geographic Location	O	1.00		not used
80.00	PER	Administrative Communications Contact	O	3.00		
90.00	REF	Reference Numbers	O	12.00		not used

**Detail:**

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
		LOOP ID - HL			>1	
10.00	HL	<i>Hierarchical Level</i>	M	1.00		
		LOOP ID - N1			>1	
20.00	N1	<i>Name</i>	M	1.00		n3
30.00	N2	<i>Additional Name Information</i>	O	2.00		
40.00	N3	<i>Address Information</i>	O	2.00		
50.00	N4	<i>Geographic Location</i>	O	1.00		
60.00	PER	<i>Administrative Communications Contact</i>	O	3.00		
70.00	REF	<i>Reference Numbers</i>	O	12.00		
80.00	QTY	<i>Quantity</i>	O	5.00		not used
90.00	DTM	<i>Date/Time Reference</i>	O	10.00		not used
100.0 0	ASI	<i>Action or Status Indicator</i>	O	1.00		
110.0 0	SE	<i>Transaction Set Trailer</i>	M	1.00		

**Transaction Set Notes**

1. BHT03 and BHT04 are mandatory.
2. The N1 loop shall identify the transaction set issuer and optionally provide contact information if necessary.
3. N105, when used, defines the relationship of the entity designated in N102 or N104 to its parent organization.

**Segment:** **ST** Transaction Set Header  
**Position:** 010  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the start of a transaction set and to assign a control number  
**Notes:**  
**Syntax Notes:**  
**Semantic Notes:** 1 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the invoice transaction set).  
**Comments:**

**Data Element Summary**

<b>Ref. Des.</b>	<b>Data Element</b>	<b>Name</b>	<b>Attributes</b>
>> ST01	143.00	Transaction Set Identifier Code	M ID 3/3
		Use 816 - Organizational Relationships	
>> ST02	329.00	Transaction Set Control Number	M AN 4/9
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	

**Segment:** **BHT** Beginning of Hierarchical Transaction

**Position:** 020

**Loop:**

**Level:** Heading

**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

**Notes:**

**Syntax Notes:**

**Semantic Notes:** 1 BHT03 is the number assigned by the originator to identify the transaction within the originator's business application system.

2 BHT04 is the date the transaction was created within the business application system.

3 BHT05 is the time the transaction was created within the business application system.

**Comments:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
>> BHT01	1005.00	Hierarchical Structure Code	M ID 4/4
		Use 0061 - HIBCC HIN	
>> BHT02	353.00	Transaction Set Purpose Code	M ID 2/2
		Use 00 - original	
BHT03	127.00	Reference Number	O AN 1/30
		Will be used to identify the update number of the HIN database	
BHT04	373.00	Date	O DT 6/6
		Will be used to identify the date HIBCC created to the update.	
BHT05	337.00	Time	O TM 4/8
		Not used.	
BHT06	640.00	Transaction Type Code	O ID 2/2
		Not used.	

**Segment:** **N1** Name  
**Position:** 040  
**Loop:** N1  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name and code  
**Notes:**  
**Syntax Notes:** 1 At least one of N102 or N103 is required.  
2 If either N103 or N104 is present, then the other is required.  
**Semantic Notes:**  
**Comments:** 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.  
2 N105 and N106 further define the type of entity in N101.

**Data Element Summary**

Ref. Des.	Data Element	Name	Attributes		
>> N101	98.00	Entity Identifier Code	M	ID	2/2
		Use FR - message from			
N102	93.00	Name	X	AN	1/35
		Free-form name.			
N103	66.00	Identification Code Qualifier	X	ID	1/2
		Use 21- Health Industry Number			
N104	67.00	Identification Code	X	AN	2/20
		HIBCC's Health Industry number.			
N105	706.00	Entity Relationship Code	O	ID	2/2
		Not used.			
N106	98.00	Entity Identifier Code	O	ID	2/2
		Not used.			

**Segment:** **PER** Administrative Communications Contact  
**Position:** 080  
**Loop:** N1  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 3  
**Purpose:** To identify a person or office to whom administrative communications should be directed  
**Notes:**  
**Syntax Notes:** 1 If either PER03 or PER04 is present, then the other is required.  
2 If either PER05 or PER06 is present, then the other is required.  
3 If either PER07 or PER08 is present, then the other is required.  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

Ref.	Data	Name	Attributes
Des.	Element		M ID 2/2
>> PER01	366.00	Contact Function Code	M ID 2/2
		Use IC - Information contact.	
PER02	93.00	Name	O AN 1/35
		Free-form name.	
PER03	365.00	Communication Number Qualifier	O ID 2/2
		Use TE - telephone	
PER04	364.00	Communication Number	O AN 1/80
		Complete communications number including country or area code.	
PER05	365.00	Communication Number Qualifier	O ID 2/2
		Not used.	
PER06	364.00	Communication Number	O AN 1/80
		Not used.	
PER07	365.00	Communication Number Qualifier	O ID 2/2
		Not used.	
PER08	364.00	Communication Number	O AN 1/80

Not used.

**PER09 443.00 Contact Inquiry Reference**

**O AN 1/20**

Not used.

**Segment:** **HL** Hierarchical Level  
**Position:** 010  
**Loop:** HL  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To identify dependencies among and the content of hierarchically related groups of data segments.  
**Notes:**

**Syntax Notes:**

**Semantic Notes:**

**Comments: 1** The HL segment defines a top-down/left-right ordered structure.

**2** HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment, and would be incremented by one in each subsequent HL segment within the transaction.

**3** HL02 identifies the Hierarchical ID Number of the HL segment to which the current HL segment is subordinate.

**4** HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order or item level information.

**5** HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
>> HL01	628.00	Hierarchical ID Number	M AN 1/12
		Begin with 1 and increment by 1 for each HL segment.	
HL02	734.00	Hierarchical Parent ID Number	O AN 1/12
		Not used.	
>> HL03	735.00	Hierarchical Level Code	M ID 1/2
		Use - 32 for a HIN facility Use - 34 for a Location	
HL04	736.00	Hierarchical Child Code	O ID 1/1
		Not used.	

**Segment:** **N1** Name  
**Position:** 020  
**Loop:** N1  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name and code  
**Notes:**  
**Syntax Notes:** 1 At least one of N102 or N103 is required.  
2 If either N103 or N104 is present, then the other is required.  
**Semantic Notes:**  
**Comments:** 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.  
2 N105 and N106 further define the type of entity in N101.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
>> N101	98.00	Entity Identifier Code	M ID 2/2
		ZG - Present Address.	
N102	93.00	Name	X AN 1/35
		Free-form name	
N103	66.00	Identification Code Qualifier	X ID 1/2
		Use - 21 Health Industry Number	
N104	67.00	Identification Code	X AN 2/20
		Health Industry Number	
N105	706.00	Entity Relationship Cod	O ID 2/2
		Not used.	
N106	98.00	Entity Identifier Code	O ID 2/2
		Not used.	

**Segment:** N3 Address Information  
**Position:** 040  
**Loop:** N1  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify the location of the named party  
**Notes:**  
     **Syntax Notes:**  
     **Semantic Notes:**  
     **Comments:**

**Data Element Summary**

	<b>Ref. Des.</b>	<b>Data Element</b>	<b>Name</b>	<b>Attributes</b>
>>	N301	166.00	Address Information	M AN 1/35
			Address information	
	N302	166.00	Address Information	O AN 1/35
			Address information	

**Segment:** **N4** Geographic Location  
**Position:** 050  
**Loop:** N1  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the geographic place of the named party  
**Notes:**  
**Syntax Notes:** 1 If N406 is present, then N405 is required.  
**Semantic Notes:**  
**Comments:** 1 A combination of either N401 through N404 (or N405 and N406) may be adequate to specify a location.  
2 N402 is required only if city name (N401) is in the USA or Canada.

**Data Element Summary**

<b>Ref. Des.</b>	<b>Data Element</b>	<b>Name</b>	<b>Attributes</b>
N401	19.00	City Name	O AN 2/30
		Free-form text for city name.	
N402	156.00	State or Province Code	O ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency	
N403	116.00	Postal Code	O ID 3/11
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States).	
N404	26.00	Country Code	O ID 2/3
		Code identifying the country.	
N405	309.00	Location Qualifier	X ID 1/2
		Not used.	
N406	310.00	Location Identifier	O AN 1/30
		Not used.	

**Segment:** **PER** Administrative Communications Contact  
**Position:** 060  
**Loop:** N1  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 3  
**Purpose:** To identify a person or office to whom administrative communications should be directed  
**Notes:**  
**Syntax Notes:** 1 If either PER03 or PER04 is present, then the other is required.  
2 If either PER05 or PER06 is present, then the other is required.  
3 If either PER07 or PER08 is present, then the other is required.  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

Ref.	Data	Name	Attributes
Des.	Element		M ID 2/2
>> PER01	366.00	Contact Function Code	M ID 2/2
		Use IC - Information Contact	
PER02	93.00	Name	O AN 1/35
		Free-form name.	
PER03	365.00	Communication Number Qualifier	O ID 2/2
		Use TE - telephone	
PER04	364.00	Communication Number	O AN 1/80
		Complete communications number including country or area code.	
PER05	365.00	Communication Number Qualifier	O ID 2/2
		Not used.	
PER06	364.00	Communication Number	O AN 1/80
		Not used.	
PER07	365.00	Communication Number Qualifier	O ID 2/2
		Not used.	
PER08	364.00	Communication Number	O AN 1/80

Not used.

**PER09 443.00 Contact Inquiry Reference**

**O AN 1/20**

Not used.



Segment: **DTM** Date/Time Reference

Position: **090**

Loop: N1

Level: Detail

Usage: Optional

Max Use: 10

Purpose: To specify pertinent dates and times

Notes:

**Syntax Notes:** 1 At least one of DTM02 DTM03 or DTM06 is required.

2 If either DTM06 or DTM07 is present, then the other is required.

**Semantic Notes:**

**Comments:**

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
>> DTM01	374.00	Date/Time Qualifier	M ID 3/3
		<i>Use 102 - Issue date (Database add date)</i> <i>Use 152 - Effective date of change (Database maintenance date)</i>	
DTM02	373.00	Date	X DT 6/6
		Date (YYMMDD).	
DTM03	337.00	Time	X TM 4/8
		Not used.	
DTM04	623.00	Time Code	O ID 2/2
		Not used.	
DTM05	624.00	Century	O N0 2/2
		Not used.	
DTM06	1250.00	Date Time Period Format Qualifier	X ID 2/3
		Not used.	
DTM07	1251.00	Date Time Period	X AN 1/35
		Not used.	

**Segment:** **ASI** Action or Status Indicator  
**Position:** 100  
**Loop:** N1  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To indicate the action to be taken with the information provided or the status of the entity described  
**Notes:**  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

	<b>Ref. Des.</b>	<b>Data Element</b>	<b>Name</b>	<b>Attributes</b>
>>	ASI01	306.00	Action Code  Use '1' - Add Use '2' - Change Use '3' - Delete (Deactivate for HIBCC)	M ID 1/2
>>	ASI02	875.00	Maintenance Type Code  Use 008 - verified Use 009- not verified	M ID 3/3
>>	ASI03	641.00	Status Reason Code Not used	O ID 3/3

**Segment: SE Transaction Set Trailer**

**Position:** 110

**Loop:**

**Level:** Detail

**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).

**Notes:**

**Syntax Notes:**

**Semantic Notes:**

**Comments: 1** SE is the last segment of each transaction set.

**Data Element Summary**

<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
<b>Des.</b>	<b>Element</b>		
>> SE01	96.00	Number of Included Segments	M N0 1/10

*Total number of segments included in a transaction set including ST and SE segments.*

>> SE02	329.00	Transaction Set Control Number	M AN 4/9
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*Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set*