

SYSCO Corporation

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) for use 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.

Notes:

SYSCO only provide the customer address of a certain type of customers.

Heading:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Base Status</u>	<u>User Status</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
2	010	ST	Transaction Set Header	M	M	1		
3	020	BHT	Beginning of Hierarchical Transaction	M	M	1		
							>1	
4	040	N1	Name	M	M	1		

Detail:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Base Status</u>	<u>User Status</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
							>1	
5	010	HL	Hierarchical Level	M	M	1		
							>1	
6	020	N1	Name	M	M	1		
7	040	N3	Address Information	O	O	2		
8	050	N4	Geographic Location	O	O	1		
9	060	PER	Administrative Communications Contact	O	O	>1		
10	110	SE	Transaction Set Trailer	M	M	1		

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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
Comments:

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 816 Organizational Relationships	M ID 3/3	M
ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9	M

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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

Comments:

Data Element Summary				
Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
BHT01	1005	Hierarchical Structure Code	M ID 4/4	M
		Code indicating the hierarchical application structure of a transaction set that utilizes the HL segment to define the structure of the transaction set		
		0065 Company, Operating Unit		
BHT02	353	Transaction Set Purpose Code	M ID 2/2	M
		Code identifying purpose of transaction set		
		00 Original		
BHT04	373	Date	O DT 8/8	O
		Date expressed as CCYYMMDD		
		<i>Reporting date; CCYYMMDD</i>		

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Segment: **N1** Name
Position: 040
Loop: N1 Mandatory
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
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>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual FR Message From	M ID 2/3	M
N102	93	Name Free-form name <i>SYSCO Operating Company Name</i>	X AN 1/60	O
N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	X ID 1/2	O
N104	67	Identification Code Code identifying a party or other code <i>Operating Company DUNS Number.</i>	X AN 2/80	O AN 2/13

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

- Comments:**
- 1 The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
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>Base Attributes</u>	<u>User Attributes</u>
HL01	628	Hierarchical ID Number	M AN 1/12	M
		A unique number assigned by the sender to identify a particular data segment in a hierarchical structure <i>SUPPLIER COMPANY NUMBER - For Pepsi/Frito-Lay only.</i> <i>SYSCO Operating Company 3 digit number- for all other trading partners.</i>		
HL03	735	Hierarchical Level Code	M ID 1/2	M
		Code defining the characteristic of a level in a hierarchical structure BE Business Entity		

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Segment: **N1** Name
Position: 020
Loop: N1 Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
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>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual LW Customer	M ID 2/3	M
N102	93	Name Free-form name <i>Customer Name.</i>	X AN 1/60	O
N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 92 Assigned by Buyer or Buyer's Agent	X ID 1/2	O
N104	67	Identification Code Code identifying a party or other code <i>SYSCO assigned Customer Number.</i>	X AN 2/80	O AN 2/15

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Segment: **N3** Address Information
Position: 040
Loop: N1 Mandatory
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Comments:
Usage Notes: This segment may be used or omitted
Notes: *Customer Address*

Data Element Summary

Ref.	Data Des.	Element	Name	Base		User	
				<u>Attributes</u>		<u>Attributes</u>	
N301		166	Address Information Address information	M	AN 1/55	M	AN 1/40
N302		166	Address Information Address information	O	AN 1/55	O	AN 1/40

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Segment: **N4** Geographic Location
Position: 050
Loop: N1 Mandatory
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
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 U.S. or Canada.
Usage Notes: This segment may be used or omitted

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
N401	19	City Name	O AN 2/30	O
		Free-form text for city name		
N402	156	State or Province Code	O ID 2/2	O
		Code (Standard State/Province) as defined by appropriate government agency		
N403	116	Postal Code	O ID 3/15	O
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		

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Segment: **PER** Administrative Communications Contact
Position: 060
Loop: N1 Mandatory
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To identify a person or office to whom administrative communications should be directed
Comments:
Usage Notes: This segment may be used or omitted

Data Element Summary

Ref.	Data		Base	User
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
PER01	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named CR Customer Relations	M ID 2/2	M
PER02	93	Name Free-form name <i>Contact Name.</i>	O AN 1/60	O AN 1/35
PER03	365	Communication Number Qualifier Code identifying the type of communication number TE Telephone	X ID 2/2	O
PER04	364	Telephone Number Complete communications number including country or area code when applicable	X AN 1/80	O
PER05	365	Communication Number Qualifier Code identifying the type of communication number EX Telephone Extension	X ID 2/2	O
PER06	364	Telephone Extension Number Complete communications number including country or area code when applicable	X AN 1/80	O
PER07	365	Communication Number Qualifier Code identifying the type of communication number FX Facsimile	X ID 2/2	O
PER08	364	Fax Number Complete communications number including country or area code when applicable	X AN 1/80	O

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

Data Element Summary

<u>Ref.</u>	<u>Data</u>		<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
SE01	96	Number of Included Segments	M N0 1/10	M
		Total number of segments included in a transaction set including ST and SE segments		
SE02	329	Transaction Set Control Number	M AN 4/9	M
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		