Wal-Mart Stores, Inc.

Electronic Data Interchange Implementation Guideline
ANSI X12 Version 5010

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816 Organizational Relationships

Business Usage:
Address Listing

EDI Direction: From Wal-Mart

Implementation Guide Version 1.1

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Wal-Mart Stores, Inc. Confidential

816 Organizational Relationships - Wal-Mart Stores, Inc. Introduction

This document allows Wal-Mart to transmit address information needed for each business unit. This document can be used to update application databases.

Wal-Mart will be providing the following information:
- Global Location Number (GLN)
- Shipping Address
- Phone number
- DUNS Number (for cross-reference to prior EDI versions)
- Internal Location Number (Store/Club/Warehouse Number)
- Effective Date

Weekly Changes

In the Weekly Changes file there are multiple ISA's in the batch if applicable. If all three changes are present, there will be an ISA through IEA for changes, an ISA through IEA for additions and an ISA through IEA for deletes.

Functional Acknowledgment

A *Functional Acknowledgment*, VICS/EDI transaction set 997, is **not** required for this document.

Business Changes for Version 5010

Wal-Mart will utilize the GTIN (Global Traded Item Number) in EDI X12 Version 5010. GTIN information will be sent in addition to the UPC code. It will be the suppliers' responsibility to handle the information as their systems become GTIN compliant. For more information regarding GTIN, please visit the UCC website in the U.S., the ECCC in Canada, or the appropriate numbering organization for your country. The GTIN is not used in this document.

816 Organizational Relationships - Wal-Mart Stores, Inc. Usage

Functional Group ID=OR

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	0100	ST	Transaction Set Header	M	1		
M	0200	BHT	Beginning of Hierarchical Transaction	M	1		n1
			LOOP ID - N1			>1	
M	0400	N1	Party Identification	M	1		n2

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - HL			>1	
M	0100	HL	Hierarchical Level	M	1		
			LOOP ID - N1			>1	
M	0200	N1	Party Identification	M	1		n3
	0400	N3	Party Location	O	2		
	0500	N4	Geographic Location	O	1		
	0700	REF	Reference Information	O	12		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - HL			>1	
M	0100	HL	Hierarchical Level	M	1		
			LOOP ID - N1			>1	
M	0200	N1	Party Identification	M	1		
	0400	N3	Party Location	O	2		
	0500	N4	Geographic Location	O	1		
	0600	PER	Administrative Communications Contact	O	>1		
	0700	REF	Reference Information	O	12		
	0700	REF	Reference Information	O	12		
	0900	DTM	Date/Time Reference	O	10		
	1000	ASI	Action or Status Indicator	O	1		

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	1100	SE	Transaction Set Trailer	M	1		

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.

Wal-Mart Business Example - Weekly Full File

EDI TRANSMISSION DATA	EXPLANATION
ST*816*0001	**816** is the **Transaction Set Identifier Code** for the Organizational Relationships. **0001** is the **Transaction Set Control Number**.
BHT*0065*00*200505070945N000000*20050507	**0065** is the **Hierarchical Structure Code**. "0065" indicates "Company, Operating Unit". **00** is the **Transaction Set Purpose Code**. "00" indicates "Original". **200505070945N000000** is the **Reference Identification**. **20050507** is the **Date**.
N1*FR*WAL-MART STORES, INC.	**FR** is the **Entity Identifier Code**. "FR" indicates "Message From". **WAL-MART STORES, INC.** is the **Name**.
HL*0000001**35	**0000001** is the **Hierarchical ID Number**. **35** is the **Hierarchical Level Code**. "35" indicates "Company/Corporation".
N1*CQ*WAL-MART STORES*UL*0078742000008	**CQ** is the **Entity Identifier Code**. "CQ" indicates "Corporate Office". **WAL-MART STORES** is the **Name**. **UL** is the **Identification Code Qualifier**. "UL" indicates "Global Location Number (GLN)". **0078742000008** is the **Identification Code**.
N3*HOME OFFICE*702 SW 8TH STREET	**HOME OFFICE** is the **Address Information**. **702 SW 8TH STREET** is the **Address Information**.
N4*BENTONVILLE*AR*72716*US	**BENTONVILLE** is the **City Name**. **AR** is the **State or Province Code**. **72716** is the **Postal Code**. **US** is the **Country Code**.
REF*DNS*0519577690000	**DNS** is the **Reference Identification Qualifier**. "DNS" indicates "D-U-N-S+4, DUNS number with four character suffix". **0519577690000** is the **Reference Identification**.
HL*0000002*0000001*36	**0000002** is the **Hierarchical ID Number**. **0000001** is the **Hierarchical Parent ID Number**. **36** is the **Hierarchical Level Code**. "36" indicates "Operating Unit".
N1*SN*WAL-MART SUPERCENTER 0001*UL*0078742000015	**SN** is the **Entity Identifier Code**. "SN" indicates "Store". **WAL-MART SUPERCENTER 0001** is the **Name**. **UL** is the **Identification Code Qualifier**. "UL" indicates "Global Location Number (GLN)". **0078742000015** is the **Identification Code**
N3*2110 WEST WALNUT	**2110 WEST WALNUT** is the **Address Information**.
N4*ROGERS*AR*72756*US	**ROGERS** is the **City Name**. **AR** is the **State or Province Code**. **72756** is the **Postal Code**. **US** is the **Country Code**.
PER*IC**TE*479-636-3222	**IC** is the **Contact Function Code**. "IC" indicates "Information Contact". **TE** is the **Communication Number Qualifier**. "TE" indicates "Telephone". **479-636-3222** is the **Telephone Number**.

REF*DNS*0519577690001	**DNS** is the **Reference Identification Qualifier**. "DNS" indicates "D-U-N-S+4, DUNS number with four character suffix". **0519577690001** is the **Reference Identification**.
REF*ST*00001	**ST** is the **Reference Identification Qualifier**. "ST" indicates "Store Number". **00001** is the **Reference Identification**.
HL*0000003*0000001*36	**0000003** is the **Hierarchical ID Number**. **0000001** is the **Hierarchical Parent ID Number**. **36** is the **Hierarchical Level Code**. "36" indicates "Operating Unit".
N1*SN*WAL-MART SUPERCENTER 0002*UL*0078742000022	**SN** is the **Entity Identifier Code**. "SN" indicates "Store". **WAL-MART SUPERCENTER 0002** is the **Name**. **UL** is the **Identification Code Qualifier**. "UL" indicates "Global Location Number (GLN)". **0078742000022** is the **Identification Code**.
N3*1417 HWY 62/65 N	**1417 HWY 62/65 N** is the **Address Information**.
N4*HARRISON*AR*72601*US	**HARRISON** is the **City Name**. **AR** is the **State or Province Code**. **72601** is the **Postal Code**. **US** is the **Country Code**.
PER*IC**TE*870-365-8400	**IC** is the **Contact Function Code**. "IC" indicates "Information Contact". **TE** is the **Communication Number Qualifier**. "TE" indicates "Telephone". **870-365-8400** is the **Communication Number**.
REF*DNS*0519577690002	**DNS** is the **Reference Identification Qualifier**. "DNS" indicates "D-U-N-S+4, DUNS number with four character suffix". **0519577690002** is the **Reference Identification**.
REF*ST*00002	**ST** is the **Reference Identification Qualifier**. "ST" indicates "Store Number". **00002** is the **Reference Identification**.
HL*0005153*0004500*36	**0005153** is the **Hierarchical ID Number**. **0004500** is the **Hierarchical Parent ID Number**. **36** is the **Hierarchical Level Code**. "36" indicates "Operating Unit".
N1*SN*SAMS DISTRIBUTION ADM.*UL*0605388006592	**SN** is the **Entity Identifier Code**. "SN" indicates "Store". **SAMS DISTRIBUTION ADM.** is the **Name**. **UL** is the **Identification Code Qualifier**. "UL" indicates "Global Location Number (GLN)". **0605388006592** is the **Identification Code**.
N3*708 SOUTHWEST 8TH STREET	**708 SOUTHWEST 8TH STREET** is the **Address Information**.
N4*BENTONVILLE*AR*72716*US	**BENTONVILLE** is the **City Name**. **AR** is the **State or Province Code**. **72716** is the **Postal Code**. **US** is the **Country Code**.
PER*IC**TE*501-000-0000	**IC** is the **Contact Function Code**. "IC" indicates "Information Contact". **TE** is the **Communication Number Qualifier**. "TE" indicates "Telephone". **501-000-0000** is the **Communication Number**.
REF*DNS*0519577699189	**DNS** is the **Reference Identification Qualifier**. "DNS" indicates "D-U-N-S+4, DUNS number with four character suffix". **0519577699189** is the **Reference Identification**.

REF*ST*09189	**ST** is the **Reference Identification Qualifier**. "ST" indicates "Store Number". **09189** is the **Reference Identification**.
SE*30*0001	**30** is the **Number of Included Segments**. **0001** is the **Transaction Set Control Number**.

Wal-Mart Business Example - Weekly Update File (Change)

EDI TRANSMISSION DATA	EXPLANATION
ST*816*0001	**816** is the **Transaction Set Identifier Code** for the Organizational Relationships. **0001** is the **Transaction Set Control Number**.
BHT*0065*04*200505070946N000000*20050507	**0065** is the **Hierarchical Structure Code**. "0065" indicates "Company, Operating Unit". **04** is the **Transaction Set Purpose Code**. "04" indicates "Change". **200505070946N000000** is the **Reference Identification**. **20050507** is the **Date**.
N1*FR*WAL-MART STORES, INC.	**FR** is the **Entity Identifier Code**. "FR" indicates "Message From". **WAL-MART STORES, INC.** is the **Name**.
HL*0000001**35	**0000001** is the **Hierarchical ID Number**. **35** is the **Hierarchical Level Code**. "35" indicates "Company/Corporation".
N1*CQ*WAL-MART STORES*UL*0078742000008	**CQ** is the **Entity Identifier Code**. "CQ" indicates "Corporate Office". **WAL-MART STORES** is the **Name**. **UL** is the **Identification Code Qualifier**. "UL" indicates "Global Location Number (GLN)". **0078742000008** is the **Identification Code**.
N3*HOME OFFICE*702 SW 8TH STREET	**HOME OFFICE** is the **Address Information**. **702 SW 8TH STREET** is the **Address Information**.
N4*BENTONVILLE*AR*72716*US	**BENTONVILLE** is the **City Name**. **AR** is the **State or Province Code**. **72716** is the **Postal Code**. **US** is the **Country Code**.
REF*DNS*0519577690000	**DNS** is the **Reference Identification Qualifier**. "DNS" indicates "D-U-N-S+4, DUNS number with four character suffix". **0519577690000** is the **Reference Identification**.
HL*0000002*0000001*36	**0000002** is the **Hierarchical ID Number**. **0000001** is the **Hierarchical Parent ID Number**. **36** is the **Hierarchical Level Code**. "36" indicates "Operating Unit".
N1*SN*WAL-MART SUPERCENTER 0002*UL* 0078742000022	**SN** is the **Entity Identifier Code**. "SN" indicates "Store". **WAL-MART SUPERCENTER 0002** is the **Name**. **UL** is the **Identification Code Qualifier**. "UL" indicates "Global Location Number (GLN)". **0078742000022** is the **Identification Code**.
N3* 1417 HWY 62/65 N	**1417 HWY 62/65 N** is the **Address Information**.
N4* HARRISON*AR* 72601*US	**HARRISON** is the **City Name**. **AR** is the **State or Province Code**. **72601** is the **Postal Code**. **US** is the **Country Code**.
PER*IC**TE* 870-365-8400	**IC** is the **Contact Function Code**. "IC" indicates "Information Contact". **TE** is the **Communication Number Qualifier**. "TE" indicates "Telephone". **870-365-8400** is the **Communication Number**.

REF*DNS* 0519577690002	**DNS** is the **Reference Identification Qualifier**. "DNS" indicates "D-U-N-S+4, DUNS number with four character suffix". **0519577690002** is the **Reference Identification**.
REF*ST*00002	**ST** is the **Reference Identification Qualifier**. "ST" indicates "Store Number". **00002** is the **Reference Identification**.
DTM*007*20050507	**007** is the **Date/Time Qualifier**. "007" indicates "Effective". **20050507** is the **Date**.
ASI*2*001	**2** is the **Action Code**. "2" indicates "Change (Update)". **001** is the **Maintenance Type Code**. "001" indicates "Change".
SE*18*0001	**18** is the **Number of Included Segments**. **0001** is the **Transaction Set Control Number**.

Wal-Mart Business Example - Weekly Update File (Delete)

EDI TRANSMISSION DATA	EXPLANATION
ST*816*0001	**816** is the **Transaction Set Identifier Code** for the Organizational Relationships. **0001** is the **Transaction Set Control Number**.
BHT*0065*04*200505070945N000000*20050507	**0065** is the **Hierarchical Structure Code**. "0065" indicates "Company, Operating Unit". **04** is the **Transaction Set Purpose Code**. "04" indicates "Change". **200505070945N000000** is the **Reference Identification**. **20050507** is the **Date**.
N1*FR*WAL-MART STORES, INC.	**FR** is the **Entity Identifier Code**. "FR" indicates "Message From". **WAL-MART STORES, INC.** is the **Name**.
HL*0000001**35	**0000001** is the **Hierarchical ID Number**. **35** is the **Hierarchical Level Code**. "35" indicates "Company/Corporation".
N1*CQ*WAL-MART STORES*UL*0078742000008	**CQ** is the **Entity Identifier Code**. "CQ" indicates "Corporate Office". **WAL-MART STORES** is the **Name**. **UL** is the **Identification Code Qualifier**. "UL" indicates "Global Location Number (GLN)". **0078742000008** is the **Identification Code**.
N3*HOME OFFICE*702 SW 8TH STREET	**HOME OFFICE** is the **Address Information**. **702 SW 8TH STREET** is the **Address Information**.
N4*BENTONVILLE*AR*72716*US	**BENTONVILLE** is the **City Name**. **AR** is the **State or Province Code**. **72716** is the **Postal Code**. **US** is the **Country Code**.
REF*DNS*0519577690000	**DNS** is the **Reference Identification Qualifier**. "DNS" indicates "D-U-N-S+4, DUNS number with four character suffix". **0519577690000** is the **Reference Identification**.
HL*0000002*0000001*36	**0000002** is the **Hierarchical ID Number**. **0000001** is the **Hierarchical Parent ID Number**. **36** is the **Hierarchical Level Code**. "36" indicates "Operating Unit".
N1*SN*WAL-MART SUPERCENTER 0001*UL*0078742000015	**SN** is the **Entity Identifier Code**. "SN" indicates "Store". **WAL-MART SUPERCENTER 0001** is the **Name**. **UL** is the **Identification Code Qualifier**. "UL" indicates "Global Location Number (GLN)". **0078742000015** is the **Identification Code**.
N3*2110 WEST WALNUT	**2110 WEST WALNUT** is the **Address Information**.
N4*ROGERS*AR*72756*US	**ROGERS** is the **City Name**. **AR** is the **State or Province Code**. **72756** is the **Postal Code**. **US** is the **Country Code**.
PER*IC**TE*970-522-8182	**IC** is the **Contact Function Code**. "IC" indicates "Information Contact". **TE** is the **Communication Number Qualifier**. "TE" indicates "Telephone". **970-522-8182** is the **Communication Number**.

REF*DNS*0519577690001	**DNS** is the **Reference Identification Qualifier**. "DNS" indicates "D-U-N-S+4, DUNS number with four character suffix". **0519577690001** is the **Reference Identification**.
REF*ST*00001	**ST** is the **Reference Identification Qualifier**. "ST" indicates "Store Number". **00001** is the **Reference Identification**.
DTM*007*20050507	**007** is the **Date/Time Qualifier**. "007" indicates "Effective". **20050507** is the **Date**.
ASI*2*002	**2** is the **Action Code**. "2" indicates "Change (Update)". **002** is the **Maintenance Type Code**. "002" indicates "Delete".
SE*18*0001	**18** is the **Number of Included Segments**. **0001** is the **Transaction Set Control Number**.

Wal-Mart Business Example - Weekly Update File (Addition)

EDI TRANSMISSION DATA	EXPLANATION
ST*816*0001	**816** is the **Transaction Set Identifier Code** for the Organizational Relationships. **0001** is the **Transaction Set Control Number**.
BHT*0065*04*200505070948N000000*20050507	**0065** is the **Hierarchical Structure Code**. "0065" indicates "Company, Operating Unit". **04** is the **Transaction Set Purpose Code**. "04" indicates "Change". **200505070948N000000** is the **Reference Identification**. **20050507** is the **Date**.
N1*FR*WAL-MART STORES, INC.	**FR** is the **Entity Identifier Code**. "FR" indicates "Message From". **WAL-MART STORES, INC.** is the **Name**.
HL*0000001**35	**0000001** is the **Hierarchical ID Number**. **35** is the **Hierarchical Level Code**. "35" indicates "Company/Corporation".
N1*CQ*WAL-MART STORES*UL*0078742000008	**CQ** is the **Entity Identifier Code**. "CQ" indicates "Corporate Office". **WAL-MART STORES** is the **Name**. **UL** is the **Identification Code Qualifier**. "UL" indicates "Global Location Number (GLN)". **0078742000008** is the **Identification Code**.
N3*HOME OFFICE*702 SW 8TH STREET	**HOME OFFICE** is the **Address Information**. **702 SW 8TH STREET** is the **Address Information**.
N4*BENTONVILLE*AR*72716*US	**BENTONVILLE** is the **City Name**. **AR** is the **State or Province Code**. **72716** is the **Postal Code**. **US** is the **Country Code**.
REF*DNS*0519577690000	**DNS** is the **Reference Identification Qualifier**. "DNS" indicates "D-U-N-S+4, DUNS number with four character suffix". **0519577690000** is the **Reference Identification**.
HL*0000002*0000001*36	**0000002** is the **Hierarchical ID Number**. **0000001** is the **Hierarchical Parent ID Number**. **36** is the **Hierarchical Level Code**. "36" indicates "Operating Unit".
N1*SN*WAL-MART NEIGHBORHOOD MARKET 2393*UL*0078742023144	**SN** is the **Entity Identifier Code**. "SN" indicates "Store". **WAL-MART NEIGHBORHOOD MARKET 2392** is the **Name**. **UL** is the **Identification Code Qualifier**. "UL" indicates "Global Location Number (GLN)". **0078742023144** is the **Identification Code**.
N3*2110 WEST WALKER	**2110 WEST WALKER** is the **Address Information**.
N4*OKLAHOMA CITY*OK*73132*US	**OKLAHOMA CITY** is the **City Name**. **OK** is the **State or Province Code**. **73132** is the **Postal Code**. **US** is the **Country Code**.
PER*IC**TE*405-720-8182	**IC** is the **Contact Function Code**. "IC" indicates "Information Contact". **TE** is the **Communication Number Qualifier**. "TE" indicates "Telephone". **405-720-8182** is the **Communication Number**.

REF*DNS*0519577699999	**DNS** is the **Reference Identification Qualifier**. "DNS" indicates "D-U-N-S+4, DUNS number with four character suffix". **0519577699999** is the **Reference Identification**.
REF*ST*09999	**ST** is the **Reference Identification Qualifier**. "ST" indicates "Store Number". **09999** is the **Reference Identification**.
DTM*007*20050516	**007** is the **Date/Time Qualifier**. "007" indicates "Effective". **20050516** is the **Date**.
ASI*2*021	**2** is the **Action Code**. "2" indicates "Change (Update)". **021** is the **Maintenance Type Code**. "021" indicates "Addition".
SE*18*0001	**18** is the **Number of Included Segments**. **0001** is the **Transaction Set Control Number**.

			Segment:	**ST** **Transaction Set Header**

Segment: **ST** **Transaction Set Header**
Position: 0100
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2 The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
M	ST01	143	**Transaction Set Identifier Code**	M	1	ID 3/3
			Code uniquely identifying a Transaction Set			
			816 Organizational Relationships			
M	ST02	329	**Transaction Set Control Number**	M	1	AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set			
			The number is sequentially assigned by the sender, starting with one within each functional group. For each functional group, the first transaction set control number will be 0001 and incremented by one for each additional transaction set within the group.			
	ST03	1705	*Implementation Convention Reference*	O	1	AN 1/35
			Reference assigned to identify Implementation Convention			

Segment:		**BHT** Beginning of Hierarchical Transaction				
Position:		0200				
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				
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

	Ref. Des.	Data Element	Name		Attributes	
M	BHT01	1005	**Hierarchical Structure Code**	M	1	ID 4/4
			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			
			Location Address Structure			
M	BHT02	353	**Transaction Set Purpose Code**	M	1	ID 2/2
			Code identifying purpose of transaction set			
			This code is used only when BHT01 contains code 0065.			
			00 Original			
			This code is used in the weekly resynchronization file.			
			04 Change			
			This code is sent in the weekly changes file.			
	BHT03	127	**Reference Identification**	O	1	AN 1/50
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
			Assigned by the originator			
	BHT04	373	**Date**	O	1	DT 8/8
			Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year			
			Date of creation			
	BHT05	337	*Time*	*O*	*1*	*TM 4/8*
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)			
	BHT06	640	*Transaction Type Code*	*O*	*1*	*ID 2/2*
			Code specifying the type of transaction			

| | | Segment: | **N1** Party Identification |

Segment: **N1** Party Identification
Position: 0400
Loop: N1
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
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.
Notes: **There must be at least one occurrence of the N1 segment in the header area to identify the sender of the transaction in text or coded format.**

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	N101	98	Entity Identifier Code	M	1	ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual			
			FR Message From			
	N102	93	Name	X	1	AN 1/60
			Free-form name			
	N103	66	Identification Code Qualifier	X	1	ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)			
	N104	67	Identification Code	X	1	AN 2/80
			Code identifying a party or other code			
	N105	706	Entity Relationship Code	O	1	ID 2/2
			Code describing entity relationship			
	N106	98	Entity Identifier Code	O	1	ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual			

Segment:	**HL** Hierarchical Level			
Position:	0100			
Loop:	HL			
Level:	Detail			
Usage:	Mandatory			
Max Use:	1			
Purpose:	To identify dependencies among and the content of hierarchically related groups of data segments			
Syntax Notes:				
Semantic Notes:				
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.		

Notes: **The HL segment is used to identify levels of detail information using a hierarchical structure. This hierarchical level will specify the company or organization for which addresses or location relationships are included in subordinate HL loops.**

HL01 shall contain a unique number for each occurrence of the HL segment within the transaction set. The value assigned to the first HL segment will be 1, and is incremented by one for each subsequent HL segment within the transaction set.

HL02 identifies the hierarchical ID of the HL segment to which it is subordinate (child of). HL02 will be omitted for the first occurrence of the HL segment in the transaction set, since it has no parent. HL03 identifies the application context of the series of segments following the current HL segment up to the next occurrence of an HL segment, or the SE segment.

The HL segment defines a top-down/left-right ordered structure. Therefore, there shall be only one occurrence of the Company or Supergroup level within a given transaction set.

The value of HL03 will be determined by the code in BHT01. If BHT01 contains code 0055 or code 0057, then HL03 shall contain code 24. If BHT01 contains code 0065, then HL03 shall contain code 35.

The FULL file for the 816 will have an iteration of the HL loop for every WAL-MART and SAMS location.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**HL01**	**628**	**Hierarchical ID Number**	**M**	**1**	**AN 1/12**
			A unique number assigned by the sender to identify a particular data segment in a hierarchical structure			
			The value for this level is 1.			
	HL02	*734*	*Hierarchical Parent ID Number*	*O*	*1*	*AN 1/12*

Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to

M	**HL03**	**735**	**Hierarchical Level Code**	**M**	**1**	**ID 1/2**

Code defining the characteristic of a level in a hierarchical structure

35	Company/Corporation	

Any company or business

	HL04	*736*	*Hierarchical Child Code*	*O*	*1*	*ID 1/1*

Code indicating if there are hierarchical child data segments subordinate to the level being described

Segment:		**N1** Party Identification			
Position:		0200			
Loop:		HL-N1			
Level:		Detail			
Usage:		Mandatory			
Max Use:		1			
Purpose:		To identify a party by type of organization, name, and code			
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.			
Notes:		This segment is used to specify the corporate office name or place of business for locations specified in the associated detail loops.			

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
M	N101	98	**Entity Identifier Code**	M	1	ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual			
			CQ Corporate Office			
	N102	93	**Name**	X	1	AN 1/60
			Free-form name			
	N103	66	**Identification Code Qualifier**	X	1	ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)			
			UL Global Location Number (GLN)			
			A globally unique 13 digit code for the identification of a legal, functional or physical location within the Uniform Code Council (UCC) and International Article Number Association (EAN) numbering system			
	N104	67	**Identification Code**	X	1	AN 2/80
			Code identifying a party or other code			
			Wal-Mart Stores, Inc. 13-digit Global Location Number (GLN).			
	N105	706	*Entity Relationship Code*	O	1	ID 2/2
			Code describing entity relationship			
			This data element may be used to further define the place of business.			
	N106	98	*Entity Identifier Code*	O	1	ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual			

	Segment:	**N3** Party Location
	Position:	0400
	Loop:	HL-N1
	Level:	Detail
	Usage:	Optional
	Max Use:	2
	Purpose:	To specify the location of the named party
	Syntax Notes:	
	Semantic Notes:	
	Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	N301	166	**Address Information**	M	1	**AN 1/55**
			Address information			
	N302	166	**Address Information**	O	1	**AN 1/55**
			Address information			

Segment:	**N4** Geographic Location
Position:	0500
Loop:	HL-N1
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	1 Only one of N402 or N407 may be present.
	2 If N406 is present, then N405 is required.
	3 If N407 is present, then N404 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 U.S. or Canada.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
N401	**19**	**City Name**	**O**	**1**	**AN 2/30**
		Free-form text for city name			
N402	**156**	**State or Province Code**	**X**	**1**	**ID 2/2**
		Code (Standard State/Province) as defined by appropriate government agency			
N403	**116**	**Postal Code**	**O**	**1**	**ID 3/15**
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)			
N404	**26**	**Country Code**	**X**	**1**	**ID 2/3**
		Code identifying the country			
N405	309	*Location Qualifier*	*X*	*1*	*ID 1/2*
		Code identifying type of location			
N406	310	*Location Identifier*	*O*	*1*	*AN 1/30*
		Code which identifies a specific location			
N407	1715	*Country Subdivision Code*	*X*	*1*	*ID 1/3*
		Code identifying the country subdivision			

Segment:	**REF** Reference Information				
Position:	0700				
Loop:	HL-N1				
Level:	Detail				
Usage:	Optional				
Max Use:	12				
Purpose:	To specify identifying information				

Segment: **REF** Reference Information
Position: 0700
Loop: HL-N1
Level: Detail
Usage: Optional
Max Use: 12
Purpose: To specify identifying information
Syntax Notes: 1   At least one of REF02 or REF03 is required.
                            2   If either C04003 or C04004 is present, then the other is required.
                            3   If either C04005 or C04006 is present, then the other is required.
Semantic Notes: 1   REF04 contains data relating to the value cited in REF02.
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**REF01**	**128**	**Reference Identification Qualifier**	**M**	**1**	**ID 2/3**
			Code qualifying the Reference Identification			
			DNS D-U-N-S+4, D-U-N-S Number with Four Character Suffix			
	REF02	**127**	**Reference Identification**	**X**	**1**	**AN 1/50**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
	REF03	*352*	*Description*	*X*	*1*	*AN 1/80*
			A free-form description to clarify the related data elements and their content			
	REF04	*C040*	*Reference Identifier*	*O*	*1*	
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier			
	C04001	*128*	*Reference Identification Qualifier*	*M*		*ID 2/3*
			Code qualifying the Reference Identification			
	C04002	*127*	*Reference Identification*	*M*		*AN 1/50*
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
	C04003	*128*	*Reference Identification Qualifier*	*X*		*ID 2/3*
			Code qualifying the Reference Identification			
	C04004	*127*	*Reference Identification*	*X*		*AN 1/50*
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
	C04005	*128*	*Reference Identification Qualifier*	*X*		*ID 2/3*
			Code qualifying the Reference Identification			
	C04006	*127*	*Reference Identification*	*X*		*AN 1/50*
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			

Segment:	**HL** Hierarchical Level				
Position:	0100				
Loop:	HL				
Level:	Detail				
Usage:	Mandatory				
Max Use:	1				
Purpose:	To identify dependencies among and the content of hierarchically related groups of data segments				
Syntax Notes:					
Semantic Notes:					
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.			

Notes: **The HL segment is used to identify levels of detail information using a hierarchical structure. This HL loop will represent the location addresses (operating units) for the company or organization named in the parent HL loop or a buying location (subgroup) for the company or organization named in the parent HL loop.**

HL01 shall contain a unique number for each occurrence of the HL segment within the transaction set. The value assigned to the first HL segment will be 1, and is incremented by one for each subsequent HL segment within the transaction set.

HL02 identifies the hierarchical ID of the HL segment to which it is subordinate (child of). HL02 will be omitted for the first occurrence of the HL segment in the transaction set, since it has no parent. HL03 identifies the application context of the series of segments following the current HL segment up to the next occurrence of an HL segment, or the SE segment.

The HL segment defines a top-down/left-right ordered structure. Therefore, there shall be only one occurrence of the Company or Supergroup level within a given transaction set.

The value of HL03 will be determined by the code in BHT01. If BHT01 contains code 0055, then HL03 shall contain code 4. If BHT01 contains code 0057, then HL03 shall contain code 25. If BHT01 contains code 0065, then HL03 shall contain code 36.
The FULL file for the 816 will have an iteration of the HL loop for every WAL-MART and SAMS location.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	HL01	628	**Hierarchical ID Number**	M	1	AN 1/12
			A unique number assigned by the sender to identify a particular data segment in a hierarchical structure			

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| | HL02 | 734 | **Hierarchical Parent ID Number** | O | 1 | AN 1/12 |

Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to

M	**HL03**	**735**	**Hierarchical Level Code**	**M**	**1**	**ID 1/2**

Code defining the characteristic of a level in a hierarchical structure

36	Operating Unit

Any operating business unit within a company or corporation

	HL04	*736*	*Hierarchical Child Code*	*O*	*1*	*ID 1/1*

Code indicating if there are hierarchical child data segments subordinate to the level being described

			Segment:	**N1** Party Identification			

Segment: **N1** Party Identification
Position: 0200
Loop: HL-N1
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
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.
Notes: This segment is used to specify the corporate office name or place of business for locations specified in the associated detail loops.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes		
M	N101	98	Entity Identifier Code		M	1	ID 2/3

Code identifying an organizational entity, a physical location, property or an individual

		SN		Store
		WH		Warehouse

Distribution Center

	N102	93	Name		X	1	AN 1/60

Free-form name

This data element may be used to provide additional clarity, e.g., Northridge Mall.

	N103	66	Identification Code Qualifier		X	1	ID 1/2

Code designating the system/method of code structure used for Identification Code (67)

UL   Global Location Number (GLN)

A globally unique 13 digit code for the identification of a legal, functional or physical location within the Uniform Code Council (UCC) and International Article Number Association (EAN) numbering system

	N104	67	Identification Code		X	1	AN 2/80

This is the location code as defined by N103. The location code refers to a store, warehouse, distribution center, plant, etc. Location codes are used to alleviate the need to send complete names and addresses.

Wal-Mart 13-digit Global Location Number (GLN).

	N105	*706*	*Entity Relationship Code*		*O*	*1*	*ID 2/2*

Code describing entity relationship

	N106	*98*	*Entity Identifier Code*		*O*	*1*	*ID 2/3*

Code identifying an organizational entity, a physical location, property or an individual

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Segment: **N3** Party Location
Position: 0400
Loop: HL-N1
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
M	N301	166	**Address Information**	M	1	AN 1/55
			Address information			
	N302	166	**Address Information**	O	1	AN 1/55
			Address information			

Segment:	**N4** Geographic Location
Position:	0500
Loop:	HL-N1
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	1 Only one of N402 or N407 may be present.
	2 If N406 is present, then N405 is required.
	3 If N407 is present, then N404 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 U.S. or Canada.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
N401	**19**	**City Name**	**O**	**1**	**AN 2/30**
		Free-form text for city name			
N402	**156**	**State or Province Code**	**X**	**1**	**ID 2/2**
		Code (Standard State/Province) as defined by appropriate government agency			
N403	**116**	**Postal Code**	**O**	**1**	**ID 3/15**
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)			
N404	**26**	**Country Code**	**X**	**1**	**ID 2/3**
		Code identifying the country			
N405	309	*Location Qualifier*	*X*	*1*	*ID 1/2*
		Code identifying type of location			
N406	310	*Location Identifier*	*O*	*1*	*AN 1/30*
		Code which identifies a specific location			
N407	1715	*Country Subdivision Code*	*X*	*1*	*ID 1/3*
		Code identifying the country subdivision			

	Segment:	**PER** Administrative Communications Contact
	Position:	0600
	Loop:	HL-N1
	Level:	Detail
	Usage:	Optional
	Max Use:	>1
	Purpose:	To identify a person or office to whom administrative communications should be directed
	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. Des.	Data Element	Name	Attributes		
M	PER01	366	Contact Function Code	M	1	ID 2/2
			Code identifying the major duty or responsibility of the person or group named			
			IC Information Contact			
	PER02	93	Name	O	1	AN 1/60
			Free-form name			
	PER03	365	Communication Number Qualifier	X	1	ID 2/2
			Code identifying the type of communication number			
			TE Telephone			
	PER04	364	Communication Number	X	1	AN 1/256
			Complete communications number including country or area code when applicable			
	PER05	365	*Communication Number Qualifier*	*X*	*1*	*ID 2/2*
			Code identifying the type of communication number			
	PER06	364	*Communication Number*	*X*	*1*	*AN 1/256*
			Complete communications number including country or area code when applicable			
	PER07	365	*Communication Number Qualifier*	*X*	*1*	*ID 2/2*
			Code identifying the type of communication number			
	PER08	364	*Communication Number*	*X*	*1*	*AN 1/256*
			Complete communications number including country or area code when applicable			
	PER09	443	*Contact Inquiry Reference*	*O*	*1*	*AN 1/20*
			Additional reference number or description to clarify a contact number			

	Segment:	**REF** Reference Information
	Position:	0700
	Loop:	HL-N1
	Level:	Detail
	Usage:	Optional
	Max Use:	12
	Purpose:	To specify identifying information
	Syntax Notes:	**1** At least one of REF02 or REF03 is required.
		2 If either C04003 or C04004 is present, then the other is required.
		3 If either C04005 or C04006 is present, then the other is required.
	Semantic Notes:	**1** REF04 contains data relating to the value cited in REF02.
	Comments:	
	Notes:	**This segment is sent in the weekly change file only**

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	REF01	128	**Reference Identification Qualifier**	M	1	ID 2/3
			Code qualifying the Reference Identification			
			DNS D-U-N-S+4, D-U-N-S Number with Four Character Suffix			
	REF02	**127**	**Reference Identification**	**X**	**1**	**AN 1/50**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
	REF03	*352*	*Description*	*X*	*1*	*AN 1/80*
			A free-form description to clarify the related data elements and their content			
	REF04	*C040*	*Reference Identifier*	*O*	*1*	
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier			
	C04001	*128*	*Reference Identification Qualifier*	*M*		*ID 2/3*
			Code qualifying the Reference Identification			
	C04002	*127*	*Reference Identification*	*M*		*AN 1/50*
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
	C04003	*128*	*Reference Identification Qualifier*	*X*		*ID 2/3*
			Code qualifying the Reference Identification			
	C04004	*127*	*Reference Identification*	*X*		*AN 1/50*
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
	C04005	*128*	*Reference Identification Qualifier*	*X*		*ID 2/3*
			Code qualifying the Reference Identification			
	C04006	*127*	*Reference Identification*	*X*		*AN 1/50*
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			

Segment:	**REF** Reference Information
Position:	0700
Loop:	HL-N1
Level:	Detail
Usage:	Optional
Max Use:	12
Purpose:	To specify identifying information
Syntax Notes:	1 At least one of REF02 or REF03 is required.
	2 If either C04003 or C04004 is present, then the other is required.
	3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	**This segment is sent in the weekly change file only.**

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**REF01**	**128**	**Reference Identification Qualifier**	**M**	**1**	**ID 2/3**
			Code qualifying the Reference Identification			
			AEM Distribution Center Number			
			ST Store Number			
	REF02	**127**	**Reference Identification**	**X**	**1**	**AN 1/50**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
	REF03	*352*	*Description*	*X*	*1*	*AN 1/80*
			A free-form description to clarify the related data elements and their content			
	REF04	*C040*	*Reference Identifier*	*O*	*1*	
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier			
	C04001	*128*	*Reference Identification Qualifier*	*M*		*ID 2/3*
			Code qualifying the Reference Identification			
	C04002	*127*	*Reference Identification*	*M*		*AN 1/50*
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
	C04003	*128*	*Reference Identification Qualifier*	*X*		*ID 2/3*
			Code qualifying the Reference Identification			
	C04004	*127*	*Reference Identification*	*X*		*AN 1/50*
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
	C04005	*128*	*Reference Identification Qualifier*	*X*		*ID 2/3*
			Code qualifying the Reference Identification			
	C04006	*127*	*Reference Identification*	*X*		*AN 1/50*
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			

	Segment:	**DTM** Date/Time Reference				

Segment: **DTM** Date/Time Reference

Position:	0900
Loop:	HL-N1
Level:	Detail
Usage:	Optional
Max Use:	10
Purpose:	To specify pertinent dates and times
Syntax Notes:	1 At least one of DTM02 DTM03 or DTM05 is required.
	2 If DTM04 is present, then DTM03 is required.
	3 If either DTM05 or DTM06 is present, then the other is required.
Semantic Notes:	
Comments:	
Notes:	**This segment may be used to specify future opening or closing dates for the location specified in the associated N1 segment or to specify the effective date of replacement data.**
	This segment is present in the weekly changes file to denote future effective dates.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	DTM01	374	**Date/Time Qualifier**	M	1	ID 3/3
			Code specifying type of date or time, or both date and time			
			007 Effective			
	DTM02	373	**Date**	X	1	DT 8/8
			Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year			
	DTM03	337	*Time*	*X*	*1*	*TM 4/8*
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)			
	DTM04	623	*Time Code*	*O*	*1*	*ID 2/2*
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow			
	DTM05	1250	*Date Time Period Format Qualifier*	*X*	*1*	*ID 2/3*
			Code indicating the date format, time format, or date and time format			
	DTM06	1251	*Date Time Period*	*X*	*1*	*AN 1/35*
			Expression of a date, a time, or range of dates, times or dates and times			

Segment:		**ASI** Action or Status Indicator					
Position:		1000					
Loop:		HL-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					
Syntax Notes:							
Semantic Notes:							
Comments:							
Notes:		**When BHT01 contains code 0065 and BHT02 contains code 04, this segment is required to specify the maintenance action for the location specified in the associated N1 segment.**					
		When ASI02 contains code 001, all data about a location is to be replaced. That is, the sender should replace the entire location address record rather than just the data which changed, e.g., telephone number.					
		This segment is sent in the weekly change file only.					

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes		
M	**ASI01**	**306**	**Action Code**		**M**	**1**	**ID 1/2**
			Code indicating type of action				
			2	Change (Update)			
M	**ASI02**	**875**	**Maintenance Type Code**		**M**	**1**	**ID 3/3**
			Code identifying the specific type of item maintenance				
			001	Change			
				Replace. All data about the location is replaced.			
			002	Delete			
				Location is to be deleted.			
			021	Addition			
				New location to be added.			
	ASI03	**641**	**Status Reason Code**		**O**	**1**	**ID 3/3**
			Code indicating the status reason				

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| | | | Segment: | **SE** Transaction Set Trailer |

Segment: **SE** Transaction Set Trailer
Position: 1100
Loop:
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)
Syntax Notes:
Semantic Notes:
Comments: 1   SE is the last segment of each transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	SE01	96	**Number of Included Segments**	M	1	N0 1/10
			Total number of segments included in a transaction set including ST and SE segments			
M	SE02	329	**Transaction Set Control Number**	M	1	AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set			
			This must be the same number as is in the ST segment (ST02) for the transaction set.			

816 Organizational Relationships - ANSI X12 Introduction

This X12 Transaction Set 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.

816 Organizational Relationships - ANSI X12 Guidelines

Functional Group ID=OR

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	0100	ST	Transaction Set Header	M	1		
M	0200	BHT	Beginning of Hierarchical Transaction	M	1		n1
	0300	DTM	Date/Time Reference	O	10		
	0350	REF	Reference Information	O	12		
			LOOP ID - N1			>1	
M	0400	N1	Party Identification	M	1		n2
	0500	N2	Additional Name Information	O	2		
	0600	N3	Party Location	O	2		
	0700	N4	Geographic Location	O	1		
	0800	PER	Administrative Communications Contact	O	3		
	0900	REF	Reference Information	O	12		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - HL			>1	
M	0100	HL	Hierarchical Level	M	1		
			LOOP ID - N1			>1	
M	0200	N1	Party Identification	M	1		n3
	0300	N2	Additional Name Information	O	2		
	0400	N3	Party Location	O	2		
	0500	N4	Geographic Location	O	1		
	0600	PER	Administrative Communications Contact	O	>1		
	0700	REF	Reference Information	O	12		
	0800	QTY	Quantity Information	O	5		
	0900	DTM	Date/Time Reference	O	10		
	0950	LQ	Industry Code Identification	O	>1		
	1000	ASI	Action or Status Indicator	O	1		
M	1100	SE	Transaction Set Trailer	M	1		

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.

816 Organizational Relationships - VICS Introduction

Within the retail industry, this transaction set will be used to (1) convey location address information for a company and its related operating entities; (2) maintain location address information through periodic updates; and (3) convey location and/or logical relationships. The use of this transaction set to provide location address information from a retailer to a supplier will eliminate the need to send address information on purchase order and other documents.

816 Organizational Relationships - VICS Guidelines

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	0100	ST	Transaction Set Header	M	1		
M	0200	BHT	Beginning of Hierarchical Transaction	M	1		n1
			LOOP ID - N1			>1	
M	0400	N1	Party Identification	M	1		n2

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - HL			>1	
M	0100	HL	Hierarchical Level	M	1		
			LOOP ID - N1			>1	
M	0200	N1	Party Identification	M	1		n3

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - HL			>1	
M	0100	HL	Hierarchical Level	M	1		
			LOOP ID - N1			>1	
M	0200	N1	Party Identification	M	1		
	0300	N2	Additional Name Information	O	2		
	0400	N3	Party Location	O	2		
	0500	N4	Geographic Location	O	1		
	0600	PER	Administrative Communications Contact	O	>1		
	0700	REF	Reference Information	O	12		
	0900	DTM	Date/Time Reference	O	10		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - HL			>1	
M	0100	HL	Hierarchical Level	M	1		
			LOOP ID - N1			>1	
M	0200	N1	Party Identification	M	1		

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Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - HL			>1	
M	0100	HL	Hierarchical Level	M	1		
			LOOP ID - N1			>1	
M	0200	N1	Party Identification	M	1		
M	1100	SE	Transaction Set Trailer	M	1		

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.

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Conventions used in these guidelines

1. Every data element on each segment is listed in the Data Element Summary section of the segment documentation, including unused Elements.
2. Every data element has the ANSI X12 data element ID noted.
3. Every data element has the ANSI X12 data element title noted.
4. Every data element has the ANSI X12 data element attributes noted:
    4.1. Data element requirement designation
        4.1.1. **Mandatory** (M) - This element is required to appear in the segment.
        4.1.2. **Optional** (O) - The appearance of this data element is at the option of the sending party or is based on the mutual agreement of the interchange parties.
        4.1.3. **Relational** (X) - Relational conditions may exist between two or more data elements within a segment based on the presence or absence of one of those data elements. The relational condition is displayed under the heading "Syntax Notes."
    4.2. Data element type
        4.2.1. **Numeric** (Nn) - The numeric type of data element is symbolized by the two-position representation Nn. N indicates a numeric, and n indicates the decimal places to the right of a fixed, implied decimal point. the decimal point is not transmitted in the character stream. For negative values, the leading minus sign (-) is used. Absence of a sign indicates a positive value. The plus sign (+) should not be transmitted. Leading zeros should be suppressed unless necessary to satisfy a minimum length requirement. The length of the data element is the number of digits used. The minus sign (-) is not counted when determining the length of the data element value.
        4.2.2. **Decimal Number** (R) - The decimal type of data element is symbolized by the representation R. The decimal point is optional for integer values, but required for fractional values. For negative values, the leading minus sign (-) is used. Absence of a sign indicates a positive value. The plus sign (+) should not be transmitted. Leading zeros should be suppressed unless necessary to satisfy a minimum length requirement. The minus sign and the decimal point are not counted when determining the length of the data element value.
        4.2.3. **Identifier** (ID) - The identifier type of data element is symbolized by the representation ID. An identifier data element must always contain a value from a predefined list of values that is maintained by ASC X12 or other bodies that are recognized by ASC X12. The value is left justified. Trailing spaces should be suppressed.
        4.2.4. **String** (AN) - The string type of data element is symbolized by the representation AN. Contents of string type data elements are a sequence of any letters, digits, spaces, and/or special characters and contain at least one non-space character. The significant characters must be left justified. Leading spaces, if used, are assumed to be significant characters. Trailing spaces should be suppressed.
        4.2.5. **Date** (DT) - The date type of data element is symbolized by the representation DT. Format for the date type is CCYYMMDD. CC is the two digit Century (00-99). YY is the last two digits of the year (00-99),

MM is the numeric value of the month (01-12), and DD is the numeric value of the day (01-31).

    4.2.6. **Time** (TM) - The time type is symbolized by the representation TM. Format for this type is expressed in 24-hour clock format, HHMMSSd..d. HH is the numeric expression of the hour (00-23), MM is the numeric expression of the minute (00-59), SS is the numeric expression of the second (00-59), and d..d is the numeric expression of decimal seconds.

  4.3. Data element length (minimum/maximum)

5. Data elements utilized by Wal-Mart applications are noted in **bold** type.
6. Data elements ignored by Wal-Mart application are noted in *italicized type*.
7. Every data element utilized by Wal-Mart applications has the ANSI X12 data element purpose noted.
8. ID-type data elements have the list of utilized values noted.
9. **Industry comments relating to segments and data elements are noted in bold text with a shaded background.**
10. <u>**Wal-Mart comments relating to segments and data elements are noted in underlined bold text with a shaded background.**</u>

Example of Conventions

Segment: **N1** Name
Position: 0400
Loop: N1
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
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.
Notes: **There must be at least one occurrence of the N1 segment in the header area to ———— 9 identify the sender of the transaction in text or coded format.**
This segment will always identify Wal-Mart Stores, Inc. as the sender of the ———— 10 document

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
M	N101	98	Entity Identifier Code		M	ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual			
			FR	Message From		
	N102	93	Name		X	AN 1/60
			Free-form name			
	N103	66	Identification Code Qualifier		X	ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)			
			UL	UCC/EAN Location Code		
			A globally unique 13 digit code for the identification of a legal, functional or physical location within the Uniform Code Council (UCC) and International Article Number Association (EAN) numbering system			
	N104	67	Identification Code		X	AN 2/80
			Code identifying a party or other code			
	N105	*706*	*Entity Relationship Code*		*O*	*ID 2/2*
			Code describing entity relationship			
	N106	*98*	*Entity Identifier Code*		*O*	*ID 2/3*
			Code identifying an organizational entity, a physical location, property or an individual			

Callouts: 1, 2, 3, 5, 6, 7, 8, 4.1, 4.2, 4.3

816 Organizational Relationships - Changes from Previous (4030) Version

Segment/Element	Position	Data Element	Change	Qualifier
No Changes				

Change History

Date	Version	Description of Changes
September, 2004	1.0	Draft Version Published
January, 2005	1.0	Production Guide Published
August, 2005	1.1	Minor Corrections to document