

# Wal-Mart Stores, Inc.

Electronic Data Interchange Implementation Guideline  
ANSI X12 Version 5010

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## **864 Text Message**

**Business Usage:**  
Insufficient Invoice  
React Report

**EDI Direction:** From Wal-Mart

Implementation Guide Version 1.0  
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# 864 Text Message - Wal-Mart Stores, Inc. Introduction

Wal-Mart uses the 864 Text Message to prepare the following reports:

- **Insufficient Report** - Is used as a response to an invoice when a supplier does not send information required for the application to process the invoice successfully. \*Note, Suppliers will receive an accepted 997 and a rejected 864 since the 997 is sent based on the EDI Structure and the 864 is based on business rules.
- **React report** - Is used for react ticketed merchandise as a means of Point of Sale information.

# 864 Text Message – Wal-Mart Stores, Inc. Implementation

Functional Group ID= **TX**

## 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>
M	0100	ST	Transaction Set Header	M	1		
M	0200	BMG	Beginning Segment For Text Message	M	1		
			LOOP ID - N1			200	
	0400	N1	Party Identification	O	1		
	0800	REF	Reference Information	O	12		

## 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 - MIT			>1	
M	0100	MIT	Message Identification	M	1		
M	0800	MSG	Message Text	M	>1		

## Summary:

	<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>
M	0100	SE	Transaction Set Trailer	M	1		

# Wal-Mart Business Example - Insufficient Data Report

EDI TRANSMISSION DATA	EXPLANATION
ST*864*0001	864 is the <b>Transaction Set Identifier Code</b> . "864" indicates Text Message Transaction Set 0001 is the <b>Transaction Set Control Number</b>
BMG*00*THESE DOCUMENTS WILL NOT BE PROCESSED*03	00 is the <b>Transaction Set Purpose Code</b> . "00" indicates Original. <b>THESE DOCUMENTS WILL NOT BE PROCESSED</b> is the <b>Description</b> . 03 is the <b>Transaction Type Code</b> . "03" indicates Report Message.
N1*FR*WAL-MART STORES, INC *UL*0078742000008	FR is the <b>Entity Identifier Code</b> . "FR" indicates "Message From". WAL-MART STORES, INC is the <b>Name</b> . UL is the <b>Identification Code Qualifier</b> "UL" indicates Global Location (GLN) Number. 0078742000008 is the <b>Identification Code</b>
N1*TO*SUPPLIER NAME	TO is the <b>Entity Identifier Code</b> "TO" indicates "Message To". SUPPLIER NAME is the <b>Name</b> .
REF*IA*123456	IA is the <b>Reference Identification Qualifier</b> . "IA" indicates Internal Vendor Number. 123456 is the <b>Reference Identification</b> .
REF*IV*00000000029530	IV is the <b>Reference Identification Qualifier</b> "IV" indicates Seller's Invoice Number. 00000000029530 is the <b>Reference Identification</b> .
MIT*PLEASE CORRECT AND RESEND*THESE DOCUMENTS WILL NOT BE PROCESSED*175*60	PLEASE CORRECT AND RESEND is <b>Reference Identification</b> . THESE DOCUMENTS WILL NOT BE PROCESSED is a <b>Description</b> 175 is the <b>Page Width</b> 60 is the <b>Page Length Lines</b> .
MSG*SEGMENT ELEMENT ERROR	Free-form message text
MSG*INVOICE NUMBER PO NUMBER ID POS - REF DATA COMMENTS	Free-form message text
MSG*12345678900000 123456789 IT1 007-234 UPC/WMT ITEM NUMBER MISSING*SS	Free-form message text SS is the <b>Printer Carriage Control Code</b> . "SS" indicates Advance to new line before print
SE*11*0001	11 is the <b>Total Number of Included Segments</b> included in a transaction set including ST and SE segments. 0001 is the <b>Transaction Set Control Number</b>

# Wal-Mart Business Example - React Report

EDI TRANSMISSION DATA	EXPLANATION
ST*864*0001	<b>864</b> is the <b>Transaction Set Identifier Code</b> for the Text Message Transaction Set <b>0001</b> is the <b>Transaction Set Control Number</b>
BMG*00*WEEKLY REACT STYLE REPORT*03	<b>00</b> is the <b>Transaction Set Purpose Code</b> . "00" indicates Original. <b>WEEKLY REACT STYLE REPORT</b> is the <b>Description</b> . <b>03</b> is the <b>Transaction Type Code</b> . "03" indicates Report Message.
N1*FR*WAL-MART STORES, INC*UL*0078742000008	<b>FR</b> is the <b>Entity Identifier Code</b> "FR" indicates Message From <b>WAL-MART STORES, INC</b> is the <b>Name</b> <b>UL</b> is the <b>Identification Code Qualifier</b> "UL" indicates Global Location Number (GLN). <b>0078742000008</b> is the <b>Identification Code</b> .
N1*TO*SUPPLIER NAME	<b>TO</b> is the <b>Entity Identifier Code</b> "TO" indicates Message To <b>SUPPLIER NAME</b> is the <b>Name</b>
REF*IA*123456	<b>IA</b> is the <b>Reference Identification Qualifier</b> "IA" indicates Internal Vendor Number <b>123456</b> is the <b>Reference Identification</b>
MIT*RE764-1 01*WEEKLY REACT STYLE REPORT*166*80	<b>RE764-1 01</b> is the <b>Reference Identification</b> "WEEKLY REACT STYLE REPORT" is the <b>Description</b> . <b>166</b> is the <b>Page Width</b> <b>80</b> is the <b>Page Length Lines</b>
MSG*RUN ON 12/18/04 AT 05:31:09      W A L - M A R T S T O R E S , I N C .    R E P O R T N O . R E 7 6 4 - 1 0 1    V E N D O R 9 9 9 9 9 9 * N P	<b>Free-form message text</b> <b>NP</b> is the <b>Printer Carriage Control Code</b> . "NP" indicates advance to next page before print
MSG* NO. ORDER #    M U    D A T E    D A T E    R E C S L S    % S O    W K    S L S    % S O    S L S    O / H    S L S S L S    S L S * S S	<b>Free-form message text</b> <b>SS</b> is the <b>Printer Carriage Control Code</b> . "SS" indicates advance to new line before print
MSG* 04739 4110249927 FMM DESIGN GRO EMB T A Z   C L R B L K   N Y L O N   M K 4 5 0 2 8 - N A V - W M T   4 . 2 5 7 . 9 4   4 6 . 4   0 5 / 1 2        7 2    6 4   8 8 . 9   1 3    3   2 7 . 3   1    8 2 7   5 7 6   6 4 * S S	<b>Free-form message text</b> <b>SS</b> is the <b>Printer Carriage Control Code</b> . "SS" indicates advance to new line before print
SE*10*0001	<b>11</b> is the <b>Total Number of Included Segments</b> included in a transaction set including ST and SE segments. <b>0001</b> is the <b>Transaction Set Control Number</b>

**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**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	<b>Transaction Set Identifier Code</b> Code uniquely identifying a Transaction Set 864 Text Message	M 1 ID 3/3
M	ST02	329	<b>Transaction Set Control Number</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <b>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.</b>	M 1 AN 4/9
	ST03	1705	<i>Implementation Convention Reference</i> <i>Reference assigned to identify Implementation Convention</i>	O 1 AN 1/35

**Segment:** **BMG** Beginning Segment For Text Message  
**Position:** 0200  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the beginning of a Text Message Transaction Set  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:** 1 BMG02 contains the message subject.

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	BMG01	353	<b>Transaction Set Purpose Code</b> Code identifying purpose of transaction set 00 Original	M 1 ID 2/2
	BMG02	352	<b>Description</b> A free-form description to clarify the related data elements and their content	O 1 AN 1/80
	BMG03	640	<b>Transaction Type Code</b> Code specifying the type of transaction 03 Report Message A human-readable report intended to be put on paper	O 1 ID 2/2



**Segment:** **N1** Party Identification  
**Position:** 0400  
**Loop:** N1  
**Level:** Heading  
**Usage:** Optional  
**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.

**Data Element Summary**

Ref.	Data Element	Name	Attributes
M	N101	98 Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual FR Message From	M 1 ID 2/3
	N102	93 Name Free-form name	X 1 AN 1/60
	N103	66 Identification Code Qualifier 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 <b>Global Location Number (GLN)</b>	X 1 ID 1/2
	N104	67 Identification Code Code identifying a party or other code	X 1 AN 2/80
	N105	706 Entity Relationship Code Code describing entity relationship	O 1 ID 2/2
	N106	98 Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual	O 1 ID 2/3

**Segment:** **N1** Party Identification  
**Position:** 0400  
**Loop:** N1  
**Level:** Heading  
**Usage:** Optional  
**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.

**Data Element Summary**

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

**Segment:** **REF** Reference Information  
**Position:** 0800  
**Loop:** N1  
**Level:** Heading  
**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**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification IA Internal Vendor Number	M 1 ID 2/3
	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <b>Wal-Mart assigned 9-digit vendor number</b>	X 1 AN 1/50
	REF03	352	<i>Description</i> <i>A free-form description to clarify the related data elements and their content</i>	X 1 AN 1/80
	REF04	C040	<i>Reference Identifier</i> <i>To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier</i>	O 1
	C04001	128	<i>Reference Identification Qualifier</i> <i>Code qualifying the Reference Identification</i>	M ID 2/3
	C04002	127	<i>Reference Identification</i> <i>Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</i>	M AN 1/50
	C04003	128	<i>Reference Identification Qualifier</i> <i>Code qualifying the Reference Identification</i>	X ID 2/3
	C04004	127	<i>Reference Identification</i> <i>Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</i>	X AN 1/50
	C04005	128	<i>Reference Identification Qualifier</i> <i>Code qualifying the Reference Identification</i>	X ID 2/3
	C04006	127	<i>Reference Identification</i> <i>Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</i>	X AN 1/50

**Segment:** **REF** Reference Information  
**Position:** 0800  
**Loop:** N1  
**Level:** Heading  
**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**

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

**Segment:** **MIT** Message Identification  
**Position:** 0100  
**Loop:** MIT  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To identify the beginning of a specific message and to allow the identification of a subject for the message

**Syntax Notes:**  
**Semantic Notes:** 1 MIT01 contains the message number.  
 2 MIT02 contains the message subject.  
**Comments:** 1 MIT03 default is 80 characters.  
 2 MIT04 default is 66 lines.

**Data Element Summary**

	<b>Ref. Des.</b>	<b>Data Element</b>	<b>Name</b>	<b>Attributes</b>
M	MIT01	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	<b>M 1 AN 1/50</b>
	MIT02	352	<b>Description</b> A free-form description to clarify the related data elements and their content	<b>O 1 AN 1/80</b>
	MIT03	931	<b>Page Width</b> Definition of the maximum number of characters per line that can be expected in the message text	<b>O 1 N0 1/3</b>
	MIT04	932	<b>Page Length Lines</b> Definition of the maximum number of lines per page that can be expected in the message text	<b>O 1 N0 1/3</b>

**Segment:** **MSG** Message Text  
**Position:** 0800  
**Loop:** MIT  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** >1  
**Purpose:** To provide a free-form format that allows the transmission of text information  
**Syntax Notes:** 1 If MSG03 is present, then MSG02 is required.  
**Semantic Notes:** 1 MSG03 is the number of lines to advance before printing.  
**Comments:** 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.  
2 If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.  
**Notes:** When BMG03 contains code 03 and MSG02 is not present, the default is to advance to new line before printing.

**Data Element Summary**

Ref.	Data	Attributes	
<u>Des.</u>	<u>Element</u> <u>Name</u>		
M	<b>MSG01</b> <b>933</b> <b>Free-form Message Text</b> Free-form message text	M	1 AN 1/264
	<b>MSG02</b> <b>934</b> <b>Printer Carriage Control Code</b> A field to be used for the control of the line feed of the receiving printer	X	1 ID 2/2
	DS Advance two lines before print		
	NP Advance to next page before print		
	SS Advance to new line before print		
	<i>MSG03</i> <i>1470</i> <i>Number</i> <i>A generic number</i>	<i>O</i>	<i>1 NO 1/9</i>

**Segment:** **SE** Transaction Set Trailer  
**Position:** 0100  
**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

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

# 864 Text Message – ANSI X12 Introduction

Functional Group ID= **TX**

This X12 Transaction Set contains the format and establishes the data content of the Text Message Transaction Set (864) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide users with a capability to electronically move messages, contracts, explanations, and other one-time communications. It is the intent of this transaction set to provide electronic communication (messages) for people, not for computer processing. The use of the transaction set to transmit quasi or unique transaction set standards is discouraged. The use of the Text Message transaction set demands of the sender certain detailed information about the recipient. The transaction set's purpose is to provide communication to the recipient in some human-readable form. The recipient's network will dictate what capabilities are available for delivery of the information. It is the responsibility of the sender to obtain this information and include it in the transmission.



# 864 Text Message – ANSI X12 Standards

## 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>
M	0100	ST	Transaction Set Header	M	1		
M	0200	BMG	Beginning Segment For Text Message	M	1		
	0300	DTM	Date/Time Reference	O	10		
LOOP ID - N1						200	
	0400	N1	Party Identification	O	1		
	0500	N2	Additional Name Information	O	2		
	0600	N3	Party Location	O	2		
	0700	N4	Geographic Location	O	1		
	0800	REF	Reference Information	O	12		
	0900	PER	Administrative Communications Contact	O	3		

## 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 - MIT						>1	
M	0100	MIT	Message Identification	M	1		
LOOP ID - N1						200	
	0200	N1	Party Identification	O	1		
	0300	N2	Additional Name Information	O	2		
	0400	N3	Party Location	O	2		
	0500	N4	Geographic Location	O	1		
	0600	REF	Reference Information	O	12		
	0700	PER	Administrative Communications Contact	O	3		
M	0800	MSG	Message Text	M	>1		

## Summary:

	<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>
M	0100	SE	Transaction Set Trailer	M	1		

# 864 Text Message – VICS Standards

## 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>
M	0100	ST	Transaction Set Header	M	1		
M	0200	BMG	Beginning Segment For Text Message	M	1		
	0300	DTM	Date/Time Reference	O	10		

## 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 - MIT			>1	
M	0100	MIT	Message Identification	M	1		
			LOOP ID - N1			200	
	0200	N1	Party Identification	O	1		
	0300	N2	Additional Name Information	O	2		
	0400	N3	Party Location	O	2		
	0500	N4	Geographic Location	O	1		
	0600	REF	Reference Information	O	12		
	0700	PER	Administrative Communications Contact	O	3		
M	0800	MSG	Message Text	M	>1		

## Summary:

	<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>
M	0100	SE	Transaction Set Trailer	M	1		

# 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. **Wal-Mart comments relating to segments and data elements are noted in underlined bold text with a shaded background.**

# 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 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 document**

Data Element Summary			
	Ref. Des.	Data Element	Name
1	M	N101	98 Entity Identifier Code
2			Code identifying an organizational entity, a physical location, property or an individual
3			FR Message From
	N102	93	Name
			Free-form name
	N103	66	Identification Code Qualifier
			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
5	N104	67	Identification Code
			Code identifying a party or other code
1	N105	706	Entity Relationship Code
			Code describing entity relationship
6	N106	98	Entity Identifier Code
			Code identifying an organizational entity, a physical location, property or an individual

## 864 Text Message – Changes from Previous (4030) Version

<u>Segment/Element</u>	<u>Position</u>	<u>Date Element</u>	<u>Change</u>	<u>Qualifier</u>
No changes				

# Change History

<b>Date</b>	<b>Version</b>	<b>Description of Changes</b>
October, 2004	DRAFT 0.1	Draft Version Created
December, 2004	DRAFT 0.2	Draft Version Published
January, 2005	DRAFT 0.3	Added comment to REF 02
January, 2005	Version 1.0	Production guide released