

# 864 Text Message

Functional Group ID= **TX**

## Introduction:

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.

## Notes:

The following list is designed to assist the reader in interpreting these specifications:

1. Information customized for AT&T's usage of this transaction set is shown in a gray box.
2. ANSI X12 and industry standard codes are shown along with their standard descriptions.
3. Fields are depicted by the field name in all capital letters, followed by a colon and then a short description of the field (e.g., GRANTOR: Grantor).
4. In compliance with TCIF guidelines, phrase codes are used when the same basic ANSI X12 code is used for mapping two similar fields. The phrase code is additional mapping to further define each fields' mapping.

## 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>
Must Use	0100	ST	Transaction Set Header	M	1		
Must Use	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		
Not Used	0500	N2	Additional Name Information	O	2		
Not Used	0600	N3	Party Location	O	2		
Not Used	0700	N4	Geographic Location	O	1		
Not Used	0800	REF	Reference Information	O	12		
Not Used	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	

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Must Use	0100	MIT	Message Identification	M	1
			LOOP ID - N1		200
	0200	N1	Party Identification	O	1
Not Used	0300	N2	Additional Name Information	O	2
Not Used	0400	N3	Party Location	O	2
Not Used	0500	N4	Geographic Location	O	1
	0600	REF	Reference Information	O	12
Not Used	0700	PER	Administrative Communications Contact	O	3
Not Used	0800	MSG	Message Text	O	>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>
Must Use	0100	SE	Transaction Set Trailer	M	1		

**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.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	ST01	143 <b>Transaction Set Identifier Code</b> Code uniquely identifying a Transaction Set 864 Text Message	M 1 ID 3/3
Must Use	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 The value of the data element in ST02 in the Transaction Set Header (ST) must match the value of this same data element in SE02 in the Transaction Set Trailer (SE).	M 1 AN 4/9
Not Used	ST03	1705 <b>Implementation Convention Reference</b> Reference assigned to identify Implementation Convention	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>		
Must Use	BMG01	353	<b>Transaction Set Purpose Code</b> Code identifying purpose of transaction set <b>AT&amp;T valid codes:</b> 04 Change (MODIFY) 13 Request (VIEW) 28 Query (HISTORY)	M 1 ID 2/2
	BMG02	352	<b>Description</b> A free-form description to clarify the related data elements and their content <b>TXNUM: Transaction Number</b>	O 1 AN 1/80
Not Used	BMG03	640	<b>Transaction Type Code</b> Code specifying the type of transaction Refer to 004050 Data Element Dictionary for acceptable code values.	O 1 ID 2/2

**Segment:** **DTM** Date/Time Reference  
**Position:** 0300  
**Loop:**  
**Level:** Heading  
**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:**

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
<b>Must Use</b>	<b>DTM01</b>	<b>374</b>	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time <b>AT&amp;T valid codes:</b> 097 Transaction Creation	<b>M 1 ID 3/3</b>
<b>Not Used</b>	<b>DTM02</b>	<b>373</b>	<b>Date</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	<b>X 1 DT 8/8</b>
<b>Not Used</b>	<b>DTM03</b>	<b>337</b>	<b>Time</b> 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)	<b>X 1 TM 4/8</b>
<b>Not Used</b>	<b>DTM04</b>	<b>623</b>	<b>Time Code</b> 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 Refer to 004050 Data Element Dictionary for acceptable code values.	<b>O 1 ID 2/2</b>
	<b>DTM05</b>	<b>1250</b>	<b>Date Time Period Format Qualifier</b> Code indicating the date format, time format, or date and time format <b>AT&amp;T valid code:</b> RD8 Range of Dates Expressed in Format CCYYMMDD-CCYYMMDD	<b>X 1 ID 2/3</b>
	<b>DTM06</b>	<b>1251</b>	<b>Date Time Period</b> Expression of a date, a time, or range of dates, times or dates and times <b>If</b> BMG01 DTM01 DTM05 DTM06 28 097 RD8 DATE_RANGE: Date Range	<b>X 1 AN 1/35</b>

**Segment:** **N1** Party Identification  
**Position:** 0400  
**Loop:** N1 Optional  
**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**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
<b>Must Use</b>	<b>N101</b>	<b>98</b>	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual <b>AT&amp;T valid code:</b> V2 Grantor	<b>M 1 ID 2/3</b>
	<b>N102</b>	<b>93</b>	<b>Name</b> Free-form name <b>If</b> BMG01 N101 N102 28 V2 GRANTOR: Grantor	<b>X 1 AN 1/60</b>
<b>Not Used</b>	<b>N103</b>	<b>66</b>	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67) Refer to 004050 Data Element Dictionary for acceptable code values.	<b>X 1 ID 1/2</b>
<b>Not Used</b>	<b>N104</b>	<b>67</b>	<b>Identification Code</b> Code identifying a party or other code	<b>X 1 AN 2/80</b>
<b>Not Used</b>	<b>N105</b>	<b>706</b>	<b>Entity Relationship Code</b> Code describing entity relationship Refer to 004050 Data Element Dictionary for acceptable code values.	<b>O 1 ID 2/2</b>
<b>Not Used</b>	<b>N106</b>	<b>98</b>	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual Refer to 004050 Data Element Dictionary for acceptable code values.	<b>O 1 ID 2/3</b>

**Segment:** **MIT** Message Identification  
**Position:** 0100  
**Loop:** MIT Mandatory  
**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**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
<b>Must Use</b>	<b>MIT01</b>	<b>127</b>	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <b>If</b> <b>BMG01 MIT01</b> <b>04 TYPE_OF_ACCOUNT: Type of Account</b> <b>13 NONE</b>	<b>M 1 AN 1/50</b>
<b>Not Used</b>	<b>MIT02</b>	<b>352</b>	<b>Description</b> A free-form description to clarify the related data elements and their content	<b>O 1 AN 1/80</b>
<b>Not Used</b>	<b>MIT03</b>	<b>931</b>	<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>
<b>Not Used</b>	<b>MIT04</b>	<b>932</b>	<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:** **N1** Party Identification  
**Position:** 0200  
**Loop:** N1 Optional  
**Level:** Detail  
**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. Des.	Data Element	Name	Attributes
<b>Must Use</b>	<b>N101</b>	<b>98 Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual <b>AT&amp;T valid codes:</b> V2 Grantor ZV Allowable Recipient	<b>M 1 ID 2/3</b>
	<b>N102</b>	<b>93 Name</b> Free-form name <b>If</b> BMG01 N101 N102 04 V2 GRANTOR: Grantor 04 ZV GRANTEE: Grantee 13 V2 GRANTOR: Grantor	<b>X 1 AN 1/60</b>
<b>Not Used</b>	<b>N103</b>	<b>66 Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67) Refer to 004050 Data Element Dictionary for acceptable code values.	<b>X 1 ID 1/2</b>
<b>Not Used</b>	<b>N104</b>	<b>67 Identification Code</b> Code identifying a party or other code	<b>X 1 AN 2/80</b>
<b>Not Used</b>	<b>N105</b>	<b>706 Entity Relationship Code</b> Code describing entity relationship Refer to 004050 Data Element Dictionary for acceptable code values.	<b>O 1 ID 2/2</b>
<b>Not Used</b>	<b>N106</b>	<b>98 Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual Refer to 004050 Data Element Dictionary for acceptable code values.	<b>O 1 ID 2/3</b>

**Segment:** **REF** Reference Information  
**Position:** 0600  
**Loop:** N1 Optional  
**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**

Must Use	Ref. Des.	Data Element	Name	Attributes	
				M	ID 2/3
	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification <b>AT&amp;T valid code:</b> BE Business Activity	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>AT&amp;T valid code:</b> PERMISSION	X	1 AN 1/50
	REF03	352	<b>Description</b> A free-form description to clarify the related data elements and their content <b>If</b> BMG01 N101 REF01 REF02 REF03 04 ZV BE PERMISSION PERMISSION_ACTIVITY: Permission Activity	X	1 AN 1/80
Not Used	REF04	C040	<b>Reference Identifier</b> To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O	1
Not Used	C04001	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification Refer to 004050 Data Element Dictionary for acceptable code values.	M	ID 2/3
Not Used	C04002	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M	AN 1/50
Not Used	C04003	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification Refer to 004050 Data Element Dictionary for acceptable code values.	X	ID 2/3
Not Used	C04004	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN 1/50
Not Used	C04005	128	<b>Reference Identification Qualifier</b>	X	ID 2/3

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			Code qualifying the Reference Identification Refer to 004050 Data Element Dictionary for acceptable code values.		
<b>Not Used</b>	<b>C04006</b>	<b>127</b>	<b>Reference Identification</b>	<b>X</b>	<b>AN 1/50</b>
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		

**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>
Must Use	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
Must Use	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 The value of the data element in SE02 in the Transaction Set Trailer (SE) must match the value of this same data element in ST02 in the Transaction Set Header (ST).	M 1 AN 4/9