

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		
						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>
						>1	
Must Use	0100	MIT	Message Identification	M	1		

AT&T Alabama, AT&T Florida, AT&T Georgia, AT&T Kentucky, AT&T Louisiana, AT&T Mississippi, AT&T North Carolina, AT&T South Carolina and AT&T Tennessee (collectively referred to for purposes of this document as "AT&T")

		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
	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. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 864 Text Message	M 1 ID 3/3
Must Use	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set 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	Implementation Convention Reference 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>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	BMG01	353	Transaction Set Purpose Code Code identifying purpose of transaction set AT&T valid codes:	M 1 ID 2/2
			04 Change (MODIFY)	
			13 Request (VIEW)	
			28 Query (HISTORY)	
	BMG02	352	Description A free-form description to clarify the related data elements and their content TXNUM: Transaction Number	O 1 AN 1/80
Not Used	BMG03	640	Transaction Type Code 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. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time AT&T valid code: 097 Transaction Creation	M 1 ID 3/3
Not Used	DTM02	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	X 1 DT 8/8
Not Used	DTM03	337	Time 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)	X 1 TM 4/8
Not Used	DTM04	623	Time Code 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.	O 1 ID 2/2
	DTM05	1250	Date Time Period Format Qualifier Code indicating the date format, time format, or date and time format AT&T valid code: RD8 Range of Dates Expressed in Format CCYYMMDD-CCYYMMDD	X 1 ID 2/3
	DTM06	1251	Date Time Period Expression of a date, a time, or range of dates, times or dates and times If BMG01 DTM01 DTM05 DTM06 28 097 RD8 DATE RANGE: Date Range	X 1 AN 1/35

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

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

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. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	MIT01	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M 1 AN 1/50
			If	
			BMG01 MIT01	
			04 TYPE_OF_ACCOUNT: Type of Account	
			13 NONE	
			28 TYPE_OF_ACCOUNT: Type of Account	
Not Used	MIT02	352	Description A free-form description to clarify the related data elements and their content	O 1 AN 1/80
Not Used	MIT03	931	Page Width Definition of the maximum number of characters per line that can be expected in the message text	O 1 N0 1/3
Not Used	MIT04	932	Page Length Lines Definition of the maximum number of lines per page that can be expected in the message text	O 1 N0 1/3

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
Must Use	N101	98 Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual AT&T valid codes: V2 Grantor ZV Allowable Recipient	M 1 ID 2/3
	N102	93 Name Free-form name If BMG01 N101 N102 04 V2 GRANTOR: Grantor 04 ZV GRANTEE: Grantee 13 V2 GRANTOR: Grantor 28 ZV GRANTEE: Grantee	X 1 AN 1/60
Not Used	N103	66 Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) Refer to 004050 Data Element Dictionary for acceptable code values.	X 1 ID 1/2
Not Used	N104	67 Identification Code Code identifying a party or other code	X 1 AN 2/80
Not Used	N105	706 Entity Relationship Code Code describing entity relationship Refer to 004050 Data Element Dictionary for acceptable code values.	O 1 ID 2/2
Not Used	N106	98 Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual Refer to 004050 Data Element Dictionary for acceptable code values.	O 1 ID 2/3

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

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification AT&T valid codes: BE Business Activity URP Unit Report Period	M 1 ID 2/3
	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier AT&T valid codes: DATE PERMISSION TIME	X 1 AN 1/50
	REF03	352	Description A free-form description to clarify the related data elements and their content If BMG01 N101 REF01 REF02 REF03 04 ZV BE PERMISSION PERMISSION_ACTIVITY: Permission Activity 04 ZV URP DATE DATE: Date 13 ZV URP DATE DATE_LAST_MODIFIED: Date Last Modified 28 ZV BE PERMISSION PERMISSION_ACTIVITY: Permission Activity 28 ZV URP DATE TRANSACTION_DATE: Transaction Date 28 ZV URP TIME TRANSACTION_TIME: Transaction Time	X 1 AN 1/80
Not Used	REF04	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O 1
Not Used	C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification Refer to 004050 Data Element Dictionary for acceptable code values.	M ID 2/3
Not Used	C04002	127	Reference Identification	M AN 1/50

Not Used	C04003	128	Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Reference Identification Qualifier Code qualifying the Reference Identification	X	ID 2/3
Not Used	C04004	127	Refer to 004050 Data Element Dictionary for acceptable code values. Reference Identification	X	AN 1/50
Not Used	C04005	128	Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Reference Identification Qualifier Code qualifying the Reference Identification	X	ID 2/3
Not Used	C04006	127	Refer to 004050 Data Element Dictionary for acceptable code values. Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN 1/50

Segment: **MSG** Message Text
Position: 0800
Loop: MIT Mandatory
Level: Detail
Usage: Optional
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.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	MSG01	933	Free-Form Message Text Free-form message text Message Text is the concatenation of MSG_ID and MSG_TEXT: MSG_ID - Character 1 to Character 14 MSG_TEXT - Character 15 up to Character 264 e.g., "RSSnnnn NO PERMISSIONS WERE FOUND FOR REQUESTED GRANTOR OCN XXXX"	M 1 AN 1/264
Not Used	MSG02	934	Printer Carriage Control Code A field to be used for the control of the line feed of the receiving printer Refer to 004050 Data Element Dictionary for acceptable code values.	X 1 ID 2/2
Not Used	MSG03	1470	Number A generic number	O 1 N0 1/9

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