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864 Text Message

Functional Group ID=TX

Introduction:

This Draft Standard for Trial Use 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.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	010	ST	Transaction Set Header	M	1		
M	020	BMG	Beginning Segment For Text Message	M	1		
	030	DTM	Date/Time Reference	O	10		
			LOOP ID - N1			200	
	040	N1	Name	O	1		
Not Used	050	N2	Additional Name Information	O	2		
Not Used	060	N3	Address Information	O	2		
Not Used	070	N4	Geographic Location	O	1		
Not Used	080	REF	Reference Identification	O	12		
	090	PER	Administrative Communications Contact	O	3		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - MIT			200	
M	010	MIT	Message Identification	M	1		
			LOOP ID - N1			200	
Not Used	020	N1	Name	O	1		
Not Used	030	N2	Additional Name Information	O	2		
Not Used	040	N3	Address Information	O	2		
Not Used	050	N4	Geographic Location	O	1		
Not Used	060	REF	Reference Identification	O	12		
Not Used	070	PER	Administrative Communications Contact	O	3		
M	080	MSG	Message Text	M	100000		

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	010	SE	Transaction Set Trailer	M	1		

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Segment:	**ST** **Transaction Set Header**	
Position:	010	
Loop:		
Level:	Heading	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To indicate the start of a transaction set and to assign a control number	
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).
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	ST01	143	**Transaction Set Identifier Code**	M	ID 3/3
			Code uniquely identifying a Transaction Set		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
M	ST02	329	**Transaction Set Control Number**	M	AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		

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<table>
<tr><td align="right">Segment:</td><td>BMG Beginning Segment For Text Message</td></tr>
<tr><td align="right">Position:</td><td>020</td></tr>
<tr><td align="right">Loop:</td><td></td></tr>
<tr><td align="right">Level:</td><td>Heading</td></tr>
<tr><td align="right">Usage:</td><td>Mandatory</td></tr>
<tr><td align="right">Max Use:</td><td>1</td></tr>
<tr><td align="right">Purpose:</td><td>To indicate the beginning of a Text Message Transaction Set</td></tr>
<tr><td align="right">Syntax Notes:</td><td></td></tr>
<tr><td align="right">Semantic Notes:</td><td></td></tr>
<tr><td align="right">Comments:</td><td>1   BMG02 contains the message subject.</td></tr>
</table>

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	**BMG01**	**353**	**Transaction Set Purpose Code**	**M**	**ID 2/2**
			Code identifying purpose of transaction set		
			00 Original		
			04 Change		
			05 Replace		
	BMG02	**352**	**Description**	**O**	**AN 1/80**
			A free-form description to clarify the related data elements and their content		
	BMG03	**640**	**Transaction Type Code**	**O**	**ID 2/2**
			Code specifying the type of transaction		
			ME Memorandum		

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<table>
<tr><td>**Segment:**</td><td># DTM Date/Time Reference</td></tr>
<tr><td>**Position:**</td><td>030</td></tr>
<tr><td>**Loop:**</td><td></td></tr>
<tr><td>**Level:**</td><td>Heading</td></tr>
<tr><td>**Usage:**</td><td>Optional</td></tr>
<tr><td>**Max Use:**</td><td>10</td></tr>
<tr><td>**Purpose:**</td><td>To specify pertinent dates and times</td></tr>
<tr><td>**Syntax Notes:**</td><td>1 At least one of DTM02 DTM03 or DTM05 is required.</td></tr>
<tr><td></td><td>2 If DTM04 is present, then DTM03 is required.</td></tr>
<tr><td></td><td>3 If either DTM05 or DTM06 is present, then the other is required.</td></tr>
<tr><td>**Semantic Notes:**</td><td></td></tr>
<tr><td>**Comments:**</td><td></td></tr>
</table>

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	DTM01	374	**Date/Time Qualifier**	M	ID 3/3
			Code specifying type of date or time, or both date and time		
			007 Effective		
	DTM02	373	**Date**	X	DT 8/8
			Date expressed as CCYYMMDD		
	DTM03	337	**Time**	X	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	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		
			ET Eastern Time		
X	DTM05	1250	**Date Time Period Format Qualifier**	X	ID 2/3
			Code indicating the date format, time format, or date and time format Refer to 004010 Data Element Dictionary for acceptable code values.		
X	DTM06	1251	**Date Time Period**	X	AN 1/35
			Expression of a date, a time, or range of dates, times or dates and times		

	Segment:	$N1$ **Name**
	Position:	040
	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
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		
			TO Message To		
	N102	93	**Name**	X	AN 1/60
			Free-form name		
X	N103	66	**Identification Code Qualifier**	X	ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	N104	67	**Identification Code**	X	AN 2/80
			Code identifying a party or other code		
X	N105	706	**Entity Relationship Code**	O	ID 2/2
			Code describing entity relationship		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	N106	98	**Entity Identifier Code**	O	ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual		
			Refer to 004010 Data Element Dictionary for acceptable code values.		

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Segment:	**PER** Administrative Communications Contact			

Position: 090
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 3
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	**ID 2/2**

Code identifying the major duty or responsibility of the person or group named
    EA   EDI Coordinator
    IC   Information Contact

	PER02	93	**Name**	O	**AN 1/60**

Free-form name

	PER03	365	**Communication Number Qualifier**	X	**ID 2/2**

Code identifying the type of communication number
    EM   Electronic Mail
    TE   Telephone

	PER04	364	**Communication Number**	X	**AN 1/80**

Complete communications number including country or area code when applicable

	PER05	365	**Communication Number Qualifier**	X	**ID 2/2**

Code identifying the type of communication number
    EM   Electronic Mail
    TE   Telephone

	PER06	364	**Communication Number**	X	**AN 1/80**

Complete communications number including country or area code when applicable

X	PER07	365	**Communication Number Qualifier**	X	**ID 2/2**

Code identifying the type of communication number
Refer to 004010 Data Element Dictionary for acceptable code values.

X	PER08	364	**Communication Number**	X	**AN 1/80**

Complete communications number including country or area code when applicable

X	PER09	443	**Contact Inquiry Reference**	O	**AN 1/20**

Additional reference number or description to clarify a contact number

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	Segment:	**MIT** Message Identification
	Position:	010
	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

	Ref. Des.	Data Element	Name	Attributes	
M	MIT01	127	**Reference Identification**	M	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
			"1"		
	MIT02	352	**Description**	O	AN 1/80
			A free-form description to clarify the related data elements and their content		
			"GEC HUB BULLETIN"		
X	MIT03	931	**Page Width**	O	N0 1/3
			Definition of the maximum number of characters per line that can be expected in the message text		
X	MIT04	932	**Page Length Lines**	O	N0 1/3
			Definition of the maximum number of lines per page that can be expected in the message text		

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<table>
<tr><td align="right">Segment:</td><td>MSG Message Text</td></tr>
<tr><td align="right">Position:</td><td>080</td></tr>
<tr><td align="right">Loop:</td><td>MIT   Mandatory</td></tr>
<tr><td align="right">Level:</td><td>Detail</td></tr>
<tr><td align="right">Usage:</td><td>Mandatory</td></tr>
<tr><td align="right">Max Use:</td><td>100000</td></tr>
<tr><td align="right">Purpose:</td><td>To provide a free-form format that allows the transmission of text information</td></tr>
<tr><td align="right">Syntax Notes:</td><td>1   If MSG03 is present, then MSG02 is required.</td></tr>
<tr><td align="right">Semantic Notes:</td><td>1   MSG03 is the number of lines to advance before printing.</td></tr>
<tr><td align="right">Comments:</td><td>1   MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.</td></tr>
<tr><td></td><td>2   If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.</td></tr>
</table>

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	**MSG01**	**933**	**Free-Form Message Text**	M	AN 1/264
			Free-form message text		
X	**MSG02**	**934**	**Printer Carriage Control Code**	X	ID 2/2
			A field to be used for the control of the line feed of the receiving printer		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	**MSG03**	**1470**	**Number**	O	N0 1/9
			A generic number		

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	Segment:	**SE** Transaction Set Trailer
	Position:	010
	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	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	AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		