

# 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.

## Notes:

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This guideline lists all segments in the 864. If OBF does not recommend the use of a segment within the 864, 'Not Used' will be displayed under the Page Number heading and the segment is not contained in the document.

This guideline lists all data elements within the segments recommended for use by OBF. If OBF does not recommend the use of a data element within a segment, 'Not Used' will be displayed in the left margin. Similarly, only the code values OBF recommends for use with individual data elements will be listed. When a data element is defined as mandatory by X12, the left margin will display '>>' for convenience.

OBF approved codes for each occurrence of a data element have been included. Although a code value may be listed, recommended usage may be restricted at a given hierarchical level as noted.

## Heading:

<u>Page No.</u>	<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>
3	010	ST	Transaction Set Header	M	1		
4	020	BMG	Beginning Segment For Text Message	M	1		

5	030	DTM	Date/Time Reference	O	10	
			LOOP ID - N1		200	
6	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	
7	090	PER	Administrative Communications Contact	O	3	

**Detail:**

<u>Page No.</u>	<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	
8	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		
9	080	MSG	Message Text	M	100000		

**Summary:**

<u>Page No.</u>	<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>
10	010	SE	Transaction Set Trailer	M	1		

**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., 811 selects the Consolidated Service Invoice/Statement Transaction Set).  
**Comments:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
>>	<u>Des.</u> ST01	<u>Element</u> 143 Transaction Set Identifier Code Code uniquely identifying a Transaction Set 864 Text Message	M ID 3/3
>>	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	M AN 4/9

**Segment:** **BMG** Beginning Segment For Text Message  
**Position:** 020  
**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>
>>	<b>BMG01</b>	<b>353 Transaction Set Purpose Code</b>	<b>M ID 2/2</b>
		Code identifying purpose of transaction set	
		Code SU is used when providing SC or OD code translations.	
		Code 22 is used when providing text messages.	
		00 Original	
		02 Add	
		03 Delete	
		04 Change	
		05 Replace	
		22 Information Copy	
		SU Status Update	
		ZZ Mutually Defined	
	<b>BMG02</b>	<b>352 Description</b>	<b>O AN 1/80</b>
		A free-form description to clarify the related data elements and their content	
		This data element will contain the table identifier when values are being provided to a customer. If a table is being transmitted, BMG02 will contain a code to identify the type of table that is being provided.	
		If text messages (e.g., regulatory messages) are being transmitted, then BMG02 should contain "MSG" to denote a text message.	
		If Service Code information is transmitted, BMG02 should contain SC to denote the code type.	
		If Other Charges & Credits Description information is transmitted, BMG02 should contain OD to denote the code type.	
	<b>BMG03</b>	<b>640 Transaction Type Code</b>	<b>O ID 2/2</b>
		Code specifying the type of transaction	
		CI Consolidated Invoice	

**Segment:** **DTM** Date/Time Reference  
**Position:** 030  
**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**

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
>>	DTM01	374	<b>Date/Time Qualifier</b>	M ID 3/3
			Code specifying type of date or time, or both date and time	
		007	Effective	
	DTM02	373	<b>Date</b>	X DT 8/8
			Date expressed as CCYYMMDD	
	DTM03	337	<b>Time</b>	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	<b>Time Code</b>	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	
		LT	Local Time	
Not Used	DTM05	1250	<b>Date Time Period Format Qualifier</b>	X ID 2/3
			Code indicating the date format, time format, or date and time format	
Not Used	DTM06	1251	<b>Date Time Period</b>	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.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
>> N101	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual FR Message From TO Message To	M ID 2/3
N102	93	<b>Name</b> Free-form name	X AN 1/60
N103	66	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67) 1 D-U-N-S Number, Dun & Bradstreet 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix 41 Telecommunications Carrier Identification Code Identifies the Inter-exchange carrier for the charges being billed 42 Telecommunications Pseudo Carrier Identification Code A code similar to the standard Carrier Identification Code which is used to identify the local exchange service providers 92 Assigned by Buyer or Buyer's Agent	X ID 1/2
N104	67	<b>Identification Code</b> Code identifying a party or other code If N103 = "41" - Use CIC list maintained by Lockheed Martin. If N103 = "42" - Use Pseudo-CIC list provided in section 10.4.	X AN 2/80
Not Used	N105	706 <b>Entity Relationship Code</b> Code describing entity relationship Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2
Not Used	N106	98 <b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/3

**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.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
>> PER01	366	<b>Contact Function Code</b> Code identifying the major duty or responsibility of the person or group named EA EDI Coordinator IC Information Contact	<b>M ID 2/2</b>
PER02	93	<b>Name</b> Free-form name	<b>O AN 1/60</b>
PER03	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number EM Electronic Mail FX Facsimile TE Telephone WP Work Phone Number	<b>X ID 2/2</b>
PER04	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	<b>X AN 1/80</b>
PER05	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number Refer to 004010 Data Element Dictionary for acceptable code values.	<b>X ID 2/2</b>
PER06	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	<b>X AN 1/80</b>
PER07	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number Refer to 004010 Data Element Dictionary for acceptable code values.	<b>X ID 2/2</b>
PER08	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	<b>X AN 1/80</b>
Not Used PER09	443	<b>Contact Inquiry Reference</b> Additional reference number or description to clarify a contact number	<b>O AN 1/20</b>

**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.
- 1 MIT03 default is 80 characters.
- 2 MIT04 default is 66 lines.

**Comments:**

**Data Element Summary**

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
>>	MIT01	127	<b>Reference Identification</b>	<b>M AN 1/30</b>
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
			Contains the code value to be updated or an identification of the type of message being sent.	
	MIT02	352	<b>Description</b>	<b>O AN 1/80</b>
			A free-form description to clarify the related data elements and their content	
Not Used	MIT03	931	<b>Page Width</b>	<b>O N0 1/3</b>
			Definition of the maximum number of characters per line that can be expected in the message text	
Not Used	MIT04	932	<b>Page Length Lines</b>	<b>O N0 1/3</b>
			Definition of the maximum number of lines per page that can be expected in the message text	

**Segment:** **MSG** Message Text  
**Position:** 080  
**Loop:** MIT Mandatory  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 100000  
**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:** Contains the text description of the code value or miscellaneous message associated with the MIT01 value.

**Data Element Summary**

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
>>	MSG01	933	<b>Free-Form Message Text</b>	M AN 1/264
			Free-form message text	
Not Used	MSG02	934	<b>Printer Carriage Control Code</b>	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.	
Not Used	MSG03	1470	<b>Number</b>	O N0 1/9
			A generic number	

**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**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
>>	SE01	96	<b>Number of Included Segments</b>	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
>>	SE02	329	<b>Transaction Set Control Number</b>	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	