

# **864 Text Message IB to CCBCC**

**X12/V4010/864: 864 Text Message**

**Version: 1.0 Draft**

<b>Author:</b>	<b>CCBCC EDI-EAI TEAM</b>
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# 864 Text Message

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## Functional Group=TX

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**Purpose:** 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:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	ST	Transaction Set Header	M	1			Must use
020	BMG	Beginning Segment For Text Message	M	1			Must use
030	DTM	Date/Time Reference	O	10			Must use
<b>LOOP ID - N1</b>					<b>200</b>		
040	N1	Name	O	1			Must use
090	PER	Administrative Communications Contact	O	3			Used

### Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<b>LOOP ID - MIT</b>					<b>&gt;1</b>		
010	MIT	Message Identification	M	1			Must use
080	MSG	Message Text	M	100000			Must use

### Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	SE	Transaction Set Trailer	M	1			Must use

# ST Transaction Set Header

Pos: 010	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

**User Option (Usage):** Must use

**Purpose:** To indicate the start of a transaction set and to assign a control number

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ST01	143	<b>Transaction Set Identifier Code</b>	M	ID	3/3	Must use

**Description:** Code uniquely identifying a Transaction Set

### Code Name

864 Text Message

ST02	329	<b>Transaction Set Control Number</b>	M	AN	4/9	Must use
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**Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

## Semantics:

1. The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

## CCBCC Example:

ST\*864\*0001~

# BMG Beginning Segment For Text Message

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 3

**User Option (Usage):** Must use

**Purpose:** To indicate the beginning of a Text Message Transaction Set

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BMG01	353	Transaction Set Purpose Code	M	ID	2/2	Must use
<b>Description:</b> Code identifying purpose of transaction set						
<b>Code Name</b>						
00 Original						
BMG02	352	Description	O	AN	1/80	Must use
<b>Description:</b> A free-form description to clarify the related data elements and their content						
BMG03	640	Transaction Type Code	O	ID	2/2	Must use
<b>Description:</b> Code specifying the type of transaction						
<b>Code Name</b>						
CI Consolidated Invoice						

## Comments:

1. BMG02 contains the message subject.

## CCBCC Example:

*BMG\*00\*MSG\*CI~*

# DTM Date/Time Reference

Pos: 030	Max: 10
Heading - Optional	
Loop: N/A	Elements: 2

**User Option (Usage):** Must use

**Purpose:** To specify pertinent dates and times

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use

**Description:** Code specifying type of date or time, or both date and time

**Code Name**

007 Effective

DTM02	373	Date	X	DT	8/8	Must use
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**Description:** Date expressed as CCYYMMDD

## Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

## CCBCC Example:

*DTM\*007\*20070207~*

# Loop N1

Pos: 040	Repeat: 200
Optional	
Loop: N1	Elements: N/A

**User Option (Usage):** Must use

**Purpose:** To identify a party by type of organization, name, and code

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
040	N1	Name	O	1		Must use
090	PER	Administrative Communications Contact	O	3		Used

# N1 Name

Pos: 040	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

**User Option (Usage):** Must use

**Purpose:** To identify a party by type of organization, name, and code

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	<b>Entity Identifier Code</b>	M	ID	2/3	Must use
		<b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual				
		<b>Code Name</b>				
		FR		Message From		
		TO		Message To		
N102	93	<b>Name</b>	X	AN	1/60	Must use
		<b>Description:</b> Free-form name				
N103	66	<b>Identification Code Qualifier</b>	X	ID	1/2	Must use
		<b>Description:</b> Code designating the system/method of code structure used for Identification Code (67)				
		<b>Code Name</b>				
		92		Assigned by Buyer or Buyer's Agent		
N104	67	<b>Identification Code</b>	X	AN	2/80	Must use
		<b>Description:</b> Code identifying a party or other code				

## Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

## 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.

## CCBCC Example:

```
N1*TO*COCA-COLA BOTTLING CONSOLIDATED*92*246813~
N1*FR*ABC CO#1234 V#234567*92*0506070~
```

# PER Administrative Communications Contact

Pos: 090	Max: 3
Heading - Optional	
Loop: N1	Elements: 4

**User Option (Usage):** Used

**Purpose:** To identify a person or office to whom administrative communications should be directed

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PER01	366	<b>Contact Function Code</b>	M	ID	2/2	Must use
<b>Description:</b> Code identifying the major duty or responsibility of the person or group named						
<b>Code Name</b>						
IC Information Contact						
PER02	93	<b>Name</b>	O	AN	1/60	Must use
<b>Description:</b> Free-form name						
PER03	365	<b>Communication Number Qualifier</b>	X	ID	2/2	Must use
<b>Description:</b> Code identifying the type of communication number						
<b>Code Name</b>						
TE Telephone						
PER04	364	<b>Communication Number</b>	X	AN	1/80	Must use
<b>Description:</b> Complete communications number including country or area code when applicable						

## Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.
3. P0708 - If either PER07 or PER08 is present, then the other is required.

## CCBCC Example:

*PER\*IC\*Jennifer Jones\*TE\*704-234-5678~*

# Loop MIT

Pos: 010	Repeat: >1
Mandatory	
Loop: MIT	Elements: N/A

**User Option (Usage):** Must use

**Purpose:** To identify the beginning of a specific message and to allow the identification of a subject for the message

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
010	MIT	Message Identification	M	1		Must use
080	MSG	Message Text	M	100000		Must use

# MIT Message Identification

Pos: 010	Max: 1
Detail - Mandatory	
Loop: MIT	Elements: 2

**User Option (Usage):** Must use

**Purpose:** To identify the beginning of a specific message and to allow the identification of a subject for the message

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MIT01	127	Reference Identification	M	AN	1/30	Must use

**Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

MIT02	352	Description	O	AN	1/80	Must use
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**Description:** A free-form description to clarify the related data elements and their content

## Semantics:

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.

## CCBCC Example:

*MIT\*45687321\*Invoice Number~*

# MSG Message Text

Pos: 080	Max: 100000
Detail - Mandatory	
Loop: MIT	Elements: 1

**User Option (Usage):** Must use

**Purpose:** To provide a free-form format that allows the transmission of text information

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MSG01	933	Free-Form Message Text	M	AN	1/264	Must use

**Description:** Free-form message text

## Syntax Rules:

1. C0302 - If MSG03 is present, then MSG02 is required.

## Semantics:

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.

## CCBCC Example:

*MSG\*INVOICE NUMBER ALREADY USED FOR VENDOR~*

# SE Transaction Set Trailer

Pos: 010	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

**User Option (Usage):** Must use

**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)

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	<b>Number of Included Segments</b>	M	N0	1/10	Must use
		<b>Description:</b> 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	Must use
		<b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

## Comments:

1. SE is the last segment of each transaction set.