

International Truck and Engine Corporation

EDI 864 -- Text Message

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864 Text Message

Functional Group=TX

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			Used
020	BMG	Beginning Segment For Text Message	M	1			Used
030	DTM	Date/Time Reference	O	10			Used
LOOP ID - N1					200		
040	N1	Name	O	1			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 Numbers	O	12			Not Used
090	PER	Administrative Communications Contact	O	3			Not 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>
LOOP ID - MIT					>1		
010	MIT	Message Identification	M	1			Used
LOOP ID - N1					200		
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 Numbers	O	12			Not Used
070	PER	Administrative Communications Contact	O	3			Not Used
080	MSG	Message Text	M	100000			Used

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			Used

ST Transaction Set Header

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

User Option (Usage): Used

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>	<u>Rep</u>
ST01	143	Transaction Set Identifier Code Description: Code uniquely identifying a Transaction Set.	M	ID	3/3	Used	1
ST02	329	Transaction Set Control Number Description: 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	Used	1

Semantics:

- 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).

Trading Partner:

Example:
ST*864*0001 n/l

BMG Beginning Segment For Text Message

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

User Option (Usage): Used

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>	<u>Rep</u>
BMG01	353	Transaction Set Purpose Code Description: Code identifying purpose of transaction set.	M	ID	2/2	Used	1
BMG02	352	Description Description: A free-form description to clarify the related data elements and their content.	O	AN	1/80	Used	1
BMG03	640	Transaction Type Code Description: Code specifying the type of transaction.	O	ID	2/2	Not used	1

Comments:

1. BMG02 contains the message subject.

Trading Partner:

Example:
BMG*00*SUPPLIER MEMO n/l

DTM Date/Time Reference

Pos: 030	Max: 10
Heading - Optional	
Loop: N/A	Elements: 7

User Option (Usage): Used

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>	<u>Rep</u>
DTM01	374	Date/Time Qualifier Description: Code specifying type of date or time, or both date and time.	M	ID	3/3	Used	1
DTM02	373	Date Description: Date (YYMMDD).	C	DT	6/6	Used	1
DTM03	337	Time Description: 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)	C	TM	4/8	Not used	1
DTM04	623	Time Code Description: 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.	O	ID	2/2	Not used	1
DTM05	624	Century Description: The first two characters in the designation of the year (CCYY).	O	N0	2/2	Not used	1
DTM06	1250	Date Time Period Format Qualifier Description: Code indicating the date format, time format, or date and time format.	C	ID	2/3	Not used	1
DTM07	1251	Date Time Period Description: Expression of a date, a time, or range of dates, times or dates and times.	C	AN	1/35	Not used	1

Syntax Rules:

1. R020306 - At least one of DTM02, DTM03 or DTM06 is required.
2. P0607 - If either DTM06 or DTM07 is present, then the other is required.

Trading Partner:

Example:

DTM*097*040614 n/l

N1 Name

Pos: 040	Max: 1
Heading - Optional	
Loop: N1	Elements: 6

User Option (Usage): Used

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>	<u>Rep</u>
N101	98	Entity Identifier Code Description: Code identifying an organizational entity, a physical location, or an individual	M	ID	2/2	Used	1
N102	93	Name Description: Free-form name.	C	AN	1/35	Used	1
N103	66	Identification Code Qualifier Description: Code designating the system/method of code structure used for Identification Code (67).	C	ID	1/2	Used	1
N104	67	Identification Code Description: Code identifying a party or other code. Trading Partner: International assigned supplier code.	C	AN	2/17	Used	1
N105	706	Entity Relationship Code Description: Code describing entity relationship.	O	ID	2/2	Not used	1
N106	98	Entity Identifier Code Description: Code identifying an organizational entity, a physical location, or an individual	O	ID	2/2	Not used	1

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.

Trading Partner:

Examples:

N1*FR*JOHN SMITH*92*002 n/l

N1*TO*ALL MATERIAL MANAGERS*92*12345X7 n/l

MIT Message Identification

Pos: 010	Max: 1
Detail - Mandatory	
Loop: MIT	Elements: 4

User Option (Usage): Used

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>	<u>Rep</u>
MIT01	127	Reference Number Description: Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	M	AN	1/30	Used	1
MIT02	352	Description Description: A free-form description to clarify the related data elements and their content.	O	AN	1/80	Used	1
MIT03	931	Page Width Description: Definition of the maximum number of characters per line that can be expected in the message text.	O	N0	1/3	Used	1
MIT04	932	Page Length Lines Description: Definition of the maximum number of lines per page that can be expected in the message text.	O	N0	1/3	Used	1

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.

Trading Partner:

Example:

MIT*1*PLANT SHUTDOWN*80*60 n/l

MSG Message Text

Pos: 080	Max: 100000
Detail - Mandatory	
Loop: MIT	Elements: 2

User Option (Usage): Used

To provide a free form format that would allow 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>	<u>Rep</u>
MSG01	933	Free-Form Message Text Description: Free-form message text.	M	AN	1/264	Used	1
MSG02	934	Printer Carriage Control Code Description: A field to be used for the control of the line feed of the receiving printer.	O	ID	2/2	Used	1

Comments:

1. MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

Trading Partner:

Examples:

MSG*SPRINGFIELD PLANT WILL BE SHUT DOWN JULY 4, 2004. THERE WILL BE NO RECEIVI n/I
MSG*NG PERSONNEL ON HAND TO PROCESS ASN'S n/I

SE Transaction Set Trailer

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

User Option (Usage): Used

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>	<u>Rep</u>
SE01	96	Number of Included Segments Description: Total number of segments included in a transaction set including ST and SE segments.	M	N0	1/10	Used	1
SE02	329	Transaction Set Control Number Description: 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	Used	1

Comments:

- SE is the last segment of each transaction set.

Trading Partner:

Example:
SE*9*0001 n/l

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APPENDIX of EXAMPLES

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NOTE: This document is to be used in conjunction with the International 864 Implementation Guideline to illustrate examples and functional definition of this transaction set.

Example I: General Announcement from Springfield Assembly PlantEDI DATA ELEMENTSST*864*0001 N/LBMG*00*SUPPLIER MEMO N/LDTM*097*040614 N/LN1*FR*JOHN SMITH*92*002 N/LN1*TO*ALL MATERIAL MANAGERS*92*
12345X1 N/LMIT*1*PLANT SHUTDOWN*80*60 N/LMSG*SPRINGFIELD PLANT WILL BE SHUT
DOWN JULY 4, 2004. THERE WILL BE NO
RECEIVI N/LMSG*NG PERSONNEL ON HAND TO
PROCESS ASN'S. N/LSE*9*0001 N/LINTERPRETATIONTransaction Set Identifier Code ST01=864
Transaction Set Control Number ST02=0001Transaction Set Purpose Code BMG01=00 Original
Description BMG02=SUPPLIER MEMODate/Time Qualifier DTM01=097 Transaction Creation
Date DTM02=040614 (YYMMDD)Entity Identifier Code N101=FR Message From
Name N102=JOHN SMITH
Identification Code Qualifier N103=92 Assigned by Buyer
Identification Code = 002 (Springfield Plant)Entity Identifier Code N101=TO Message To
Name N102=ALL MATERIAL MANAGERS
Identification Code Qualifier N103=92 Assigned by Buyer
Identification Code N104=12345X1 Supplier CodeReference Number MIT01=1
Description MIT02=PLANT SHUTDOWN
Page Width MIT03=80
Page Length Lines MIT04=60Free Form Message Text MSG01=SPRINGFIELD PLANT
WILL BE SHUT DOWN JULY 4, 2004. THERE WILL
BE NO RECEIVIFree Form Message Text MSG01= NG PERSONNEL ON
HAND TO PROCESS ASN'S.Number of Included Segments SE01=9
Transaction Set Control Number SE02=0001