



Federal Implementation Guideline for Electronic Data Interchange

ASC X12 003050 Transaction Set 864 Text Message

Implementation Convention



U.S. DEPARTMENT OF COMMERCE
Technology Administration
National Institute of
Standards and Technology

Federal Implementation Guideline for Electronic Data Interchange

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Implementation Convention

Electronic Commerce Acquisition Program Management Office
Standard Management Committee - Secretariat
National Institute of Standards and Technology
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U.S. DEPARTMENT OF COMMERCE
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Reports on Information Technology

The National Institute of Standards and Technology (NIST)'s Information Technology Laboratory (ITL) develops standards and guidelines, provides technical assistance, and conducts research for computers and resources. As part of the overall federal effort to establish a single face to industry for conducting electronic commerce, ITL has been designated as the organization responsible for coordinating the development of Federal Implementation Conventions (ICs) for Electronic Data Interchange (EDI). ICs are defined by functional-area experts who create and select options from standard EDI Transaction Sets to yield the implementations to be used for practical EDI. These ICs are made available to federal agencies and industry by electronic means and this Special Publication Series.

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FOREWORD

In a memorandum of October 26, 1993, the President sought to stimulate the Federal Government's deployment of Electronic Commerce in order to simplify and streamline the acquisition process. In this regard, the President set forth the following objectives:

- o Exchange acquisition information electronically between the private sector and the Federal Government to the maximum extent practicable.
- o Provide businesses, including small, small disadvantaged, and woman-owned businesses, with greater access to Federal acquisition opportunities.
- o Ensure that potential suppliers are provided simplified access to the Federal Government's EC system.
- o Employ nationally and internationally recognized data formats that serve to broaden and ease the interchange of data.
- o Use agency and industry systems and networks to enable the government and potential suppliers to exchange information and access Federal acquisition data.

As part of the Federal Government wide effort to implement EC, NIST has been given the responsibility of coordinating the development and promulgation of Implementation Conventions for the functional areas of EC which will be deployed across the Agencies.

Various Agencies have been actively pursuing Electronic Data Interchange (EDI) for several years - the DoD, GSA, Customs and HHS, for instance, have been particularly active in adopting ANSI X12 standards, and looking ahead to EDIFACT. There became a danger that with fragmentation of usage across the Federal Government a significant burden would be placed on many small businesses to support an unnecessary profusion of formats and conventions.

In the Presidential Memorandum, President Clinton required Federal agencies to implement the use of electronic commerce in Federal purchases as quickly as possible. As the initial step, the President's Management Council (PMC) Electronic Commerce Task Force (ECTF), chaired by the Administrator, Office of Federal Procurement Policy (OFPP), chartered the Federal Electronic Commerce Acquisition Team (ECAT) to complete the first milestone of the President's memorandum. The PMC assigned the Electronic Commerce Acquisition Team, composed of representatives from various Federal departments and agencies, the task of defining the architecture for the government electronic commerce acquisition system and identifying the executive departments or agencies responsible for developing, implementing, operating, and maintaining the Federal electronic system.

Another key step in the implementation of EDI in the Federal Government relies on the definition of Implementation Conventions (ICs). EDI syntax standards, both ASC X12 and UN/EDIFACT, accommodate a full range of business activities for all industries. A standard is the result of a consensus among a large number of users, each with its own set of needs. It is a superset intended to meet the diverse requirements of all users. Standards commonly contain more data elements and structure options than any one user or industry needs. Far too many opportunities exist for inefficient, or ambiguous transactions. Therefore, actual EDI business processes require implementation conventions (ICs) to fully define transactions. ICs do that by tailoring the use of the standards' segments, data elements, and code values and providing a subset menu of those distinct parts. This Special Publication defines a Federal IC based on ASC X12 Version 3050 and is the result of coordinated development and adoption within the Federal Government.

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:

- 1. This transaction set can be used by private industry and federal agencies to exchange text information (questions, clarifications, data, etc.) relating to solicitations, proposals, awards, invoices, material safety data sheets, etc.*
- 2. When used in conjunction with another transaction set, e.g., an 843 Response to Request for Quotation, the unique reference number of the related transaction set must be cited in the 1/REF/080 segment.*

Heading:

| | <u>Pos.</u> <u>No.</u> | <u>Seg.</u> <u>ID</u> | <u>Name</u> | <u>Req.</u> <u>Des.</u> | <u>Max.Use</u> | <u>Loop</u> <u>Repeat</u> | <u>Notes and</u> <u>Comments</u> |
|----------|---------------------------|--------------------------|---------------------------------------|----------------------------|----------------|------------------------------|-------------------------------------|
| Must Use | 010 | ST | Transaction Set Header | M | 1 | | |
| Must Use | 020 | BMG | Beginning Segment For Text Message | M | 1 | | |
| | 030 | DTM | Date/Time Reference | O | 10 | | |
| | | | LOOP ID - NI | | | 200 | |
| | 040 | N1 | Name | O | 1 | | |
| | 050 | N2 | Additional Name Information | O | 2 | | |
| | 060 | N3 | Address Information | O | 2 | | |
| | 070 | N4 | Geographic Location | O | 1 | | |
| | 080 | REF | Reference Numbers | O | 12 | | |
| | 090 | PER | Administrative Communications Contact | O | 3 | | |

Detail:

| | <u>Pos.</u> <u>No.</u> | <u>Seg.</u> <u>ID</u> | <u>Name</u> | <u>Req.</u> <u>Des.</u> | <u>Max.Use</u> | <u>Loop</u> <u>Repeat</u> | <u>Notes and</u> <u>Comments</u> |
|--|---------------------------|--------------------------|-------------|----------------------------|----------------|------------------------------|-------------------------------------|
|--|---------------------------|--------------------------|-------------|----------------------------|----------------|------------------------------|-------------------------------------|

864 -Text Message

| | | | LOOP ID - MIT | | >1 |
|----------|-----|-----|---------------------------------------|---|--------|
| Must Use | 010 | MIT | Message Identification | M | 1 |
| | | | LOOP ID - N1 | | 200 |
| N/U | 020 | N1 | Name | O | 1 |
| N/U | 030 | N2 | Additional Name Information | O | 2 |
| N/U | 040 | N3 | Address Information | O | 2 |
| N/U | 050 | N4 | Geographic Location | O | 1 |
| N/U | 060 | REF | Reference Numbers | O | 12 |
| N/U | 070 | PER | Administrative Communications Contact | O | 3 |
| Must Use | 080 | MSG | Message Text | M | 100000 |

Summary:

| | <u>Pos.</u> <u>No.</u> | <u>Seg.</u> <u>ID</u> | <u>Name</u> | <u>Req.</u> <u>Des.</u> | <u>Max.Use</u> | <u>Loop</u> <u>Repeat</u> | <u>Notes and</u> <u>Comments</u> |
|----------|---------------------------|--------------------------|-------------------------|----------------------------|----------------|------------------------------|-------------------------------------|
| Must Use | 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) 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

| <u>Ref.</u> | <u>Data</u> | <u>Element</u> | <u>Name</u> | <u>Attributes</u> |
|-------------|-------------|----------------|--|-------------------|
| Must Use | ST01 | 143 | Transaction Set Identifier Code Code uniquely identifying a Transaction Set 864 X12.34 Text Message | M 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 <i>Use to transmit a unique number assigned by the originator of the transaction set. The number may be system generated. This same number will be cited in SE02.</i> | 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

| Ref. | Data | | | |
|----------|-------------|----------------|--|---|
| | <u>Des.</u> | <u>Element</u> | <u>Name</u> | <u>Attributes</u> |
| Must Use | BMG01 | 353 | Transaction Set Purpose Code | M ID 2/2 |
| | | | Code identifying purpose of transaction set | |
| | | | 00 Original | |
| | | | | <i>Use to indicate an original transmittal.</i> |
| | | | 01 Cancellation | |
| | | | | <i>Use to indicate the cancellation of a previously transmitted text message.</i> |
| | | | 07 Duplicate | |
| | | | | <i>Use to indicate the re-transmission of a previously transmitted text message.</i> |
| | | | 11 Response | |
| | | | | <i>Use to indicate a reply to an 864 transaction set. When used, cite code TN in REF01 of the 1/REF/080 segment and identify the unique number of the 864 transaction set to which this transaction set is responding in REF02.</i> |
| | | | 22 Information Copy | |
| | | | | <i>Use to indicate an information copy of the original text message. This information copy may be sent to parties other than those for whom the original is intended.</i> |
| | BMG02 | 352 | Description | O AN 1/80 |
| | | | A free-form description to clarify the related data elements and their content | |
| | | | | <i>Use to provide a brief, overall subject of the text message.</i> |
| N/U | BMG03 | 640 | Transaction Type Code | O ID 2/2 |
| | | | Code specifying the type of transaction | |

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 DTM06 is required.
 2 If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:
Comments:

Data Element Summary

| Ref. | Data | | |
|-------------|----------------|--|-------------------|
| <u>Des.</u> | <u>Element</u> | <u>Name</u> | <u>Attributes</u> |
| Must Use | DTM01 | 374 Date/Time Qualifier | M ID 3/3 |
| | | Code specifying type of date or time, or both date and time | |
| | | 097 Transaction Creation | |
| | | <i>Use to indicate the date the transaction set was created.</i> | |
| | DTM02 | 373 Date | X DT 6/6 |
| | | Date (YYMMDD) | |
| | 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) | |
| | | <i>Time is always expressed as local time.</i> | |
| N/U | 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 | |
| N/U | DTM05 | 624 Century | O N0 2/2 |
| | | The first two characters in the designation of the year (CCYY) | |
| N/U | DTM06 | 1250 Date Time Period Format Qualifier | X ID 2/3 |
| | | Code indicating the date format, time format, or date and time format | |
| N/U | DTM07 | 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 |
| Level: | Heading |
| Usage: | Optional |
| Max Use: | 1 |
| Purpose: | To identify a party by type of organization, name, and code |
| Syntax Notes: | <ol style="list-style-type: none"> 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: | <ol style="list-style-type: none"> 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. |
| Notes: | <ol style="list-style-type: none"> 1. <i>Whenever possible, identification and address information should be provided using N101, N103, and N104. Use N102 and segments N2 through N4, as applicable, when the address cannot be provided using one of the codes listed in N103.</i> 2. <i>There must be two iterations of the N1 loop. One iteration will be used to identify the party sending the message and the second iteration to identify the party to whom the text message is being sent.</i> |

Data Element Summary

| Ref. | Data | | |
|---------------|----------------|---|--|
| <u>Des.</u> | <u>Element</u> | <u>Name</u> | <u>Attributes</u> |
| Must Use N101 | 98 | Entity Identifier Code | M ID 2/2 |
| | | Code identifying an organizational entity, a physical location, or an individual | |
| | | FR | Message From |
| | | | <i>Use to indicate the party sending the text message.</i> |
| | | TO | Message To |
| | | | <i>Use to indicate the party to whom the text message transaction set is being sent.</i> |
| N102 | 93 | Name | X AN 1/35 |
| | | Free-form name | |
| N103 | 66 | Identification Code Qualifier | X ID 1/2 |
| | | Code designating the system/method of code structure used for Identification Code (67) | |
| | | <i>While the federal EDI program uses the DUNS number, other government users of this implementation convention may require the use of other and additional numbers for a transition period in order to cross reference existing data bases to new procurement actions.</i> | |

- 1 D-U-N-S Number, Dun & Bradstreet
Use of the DUNS or DUNS+4 number is preferred over other codes to identify an entity.
- 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix
Use of the DUNS or DUNS+4 number is preferred over other codes to identify an entity.
- 10 Department of Defense Activity Address Code (DODAAC)
Use to indicate either a Department of Defense or Civilian Agency Activity Address Code.
- 21 Health Industry I.D. Number (HIN)
- 33 Commercial and Government Entity (CAGE)
- 46 Electronic Transmitter Identification Number (ETIN)
A unique number assigned to each transmitter and software developer
- A2 Military Assistance Program Address Code (MAPAC)
Contained in the Military Assistance Program Address Directory (MAPAD); represents the location of an entity
- EI Employee Identification Number
- FA Facility Identification
This code will be deleted if a business case is not identified for its continued use.
- FI Federal Taxpayer's Identification Number
- MC Medicaid Provider Number
Number assigned to a health care provider for submitting claims covered by medicaid benefits
- MP Medicare Provider Number
Number assigned to a health care provider for submitting claims covered by Medicare benefits
- MR Medicaid Recipient Identification Number
Unique identification number assigned to each member covered under a subscriber's contract

| | | | | | |
|-----|------|-----|--|---|---------|
| | N104 | 67 | Identification Code | X | AN 2/20 |
| | | | Code identifying a party or other code | | |
| N/U | N105 | 706 | Entity Relationship Code | O | ID 2/2 |
| | | | Code describing entity relationship | | |
| N/U | N106 | 98 | Entity Identifier Code | O | ID 2/2 |
| | | | Code identifying an organizational entity, a physical location, or an individual | | |

Segment: **N2** Additional Name Information
Position: 050
Loop: N1
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

| Ref. | Data | Attributes |
|----------------------|----------------------------------|-------------------|
| Des. | Element Name | |
| Must Use N201 | 93 Name Free-form name | M AN 1/35 |
| N202 | 93 Name Free-form name | O AN 1/35 |

Segment: N3 Address Information
Position: 060
Loop: N1
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

| Ref. | Data | Name | Attributes |
|---------------|----------------|--|-------------------|
| Des. | Element | | |
| Must Use N301 | 166 | Address Information Address information | M AN 1/35 |
| N302 | 166 | Address Information Address information | O AN 1/35 |

Segment: **N4 Geographic Location**
Position: 070
Loop: N1
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1 If N406 is present, then N405 is required.
Semantic Notes:
Comments: 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
 2 N402 is required only if city name (N401) is in the USA or Canada.

Data Element Summary

| Ref. | Data | Name | Attributes |
|-------------|----------------|---|-------------------|
| Des. | Element | | |
| N401 | 19 | City Name Free-form text for city name | O AN 2/30 |
| N402 | 156 | State or Province Code Code (Standard State/Province) as defined by appropriate government agency | O ID 2/2 |
| N403 | 116 | Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States) | O ID 3/11 |
| N404 | 26 | Country Code Code identifying the country | O ID 2/3 |
| N/U | N405 | 309 Location Qualifier Code identifying type of location | X ID 1/2 |
| N/U | N406 | 310 Location Identifier Code which identifies a specific location | O AN 1/30 |

Segment: **REF** Reference Numbers
Position: 080
Loop: N1
Level: Heading
Usage: Optional
Max Use: 12
Purpose: To specify identifying numbers.
Syntax Notes: 1 At least one of REF02 or REF03 is required.
Semantic Notes:
Comments:
Notes:

1. Use this segment to provide reference numbers that identify other transaction sets or documents, e.g., contracts, invoices, progress payments, etc. to which this transaction set applies.
2. At least 1 REF segment is required citing code ME in REF01.
3. When this transaction set is sent in conjunction with another transaction set, e.g., an 840, the unique reference number of that transaction set must be cited in REF02 with REF01 citing code TN. This is required to cross reference the transaction sets.

Data Element Summary

| Ref. | Data | | |
|-------------|----------------|--|-------------------|
| <u>Des.</u> | <u>Element</u> | <u>Name</u> | <u>Attributes</u> |
| Must Use | REF01 | 128 Reference Number Qualifier | M ID 2/2 |
| | | Code qualifying the Reference Number. <i>ANY CODE MAY BE USED to identify a document or some other reference number to which the information transmitted in this transaction set applies. The following is a preferred list of codes:</i> | |
| | | 11 Account Number | |
| | | 12 Billing Account | |
| | | 14 Master Account Number | |
| | | 2F Consolidated Invoice Number | |
| | | 2G Amendment | |
| | | <i>Includes modifications.</i> | |
| | | 2S Catalog | |
| | | 2Y Wage Determination | |
| | | AW Air Waybill Number | |
| | | BL Bill of Lading | |
| | | <i>Use to indicate either a commercial or Government Bill of Lading</i> | |
| | | C7 Contract Line Item Number | |
| | | CT Contract Number | |
| | | <i>Use to indicate the purchase order number, contract number (including</i> | |

Federal Supply Schedules, GSA Schedules and all other basic contracts), BPA number, Grant, Lease or Agreement number. This is never the number of a delivery order, call or release against a basic award instrument.

IV Seller's Invoice Number

KS Solicitation

ME Message Address or ID

Use to indicate the unique number of this transmission.

NR Progress Payment Number

PR Price Quote Number

RE Release Number

Use to indicate the number of a release, call or delivery order against a basic award instrument.

SI Shipper's Identifying Number for Shipment (SID)

TN Transaction Reference Number

Use to indicate the unique number of the transaction set being referenced in the instant text message. Each transaction set has a unique number assigned. Appendix A identifies where this unique number is found in the more commonly used transaction sets. When used, identify the transaction set number in REF03.

| | | | | |
|--------------|------------|-------------------------|----------|----------------|
| REF02 | 127 | Reference Number | X | AN 1/30 |
|--------------|------------|-------------------------|----------|----------------|

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

| | | | | |
|--------------|------------|--------------------|----------|----------------|
| REF03 | 352 | Description | X | AN 1/80 |
|--------------|------------|--------------------|----------|----------------|

A free-form description to clarify the related data elements and their content

1. Use to further identify, if necessary, the number cited in REF02.

2. When REF01 is code TN, the transaction set number to which the number in REF02 applies MUST be identified in this data element.

Segment: **PER** Administrative Communications Contact
Position: 090
Loop: N1
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:

Notes: *Use to indicate the name and/or communication numbers for either an information point of contact at the location where the transaction set was originated, the contractor party certifying a request for a progress payment, or the party who is to receive this transmission. When used, there must be provided either a name, or a communication number, or both.*

Data Element Summary

| Ref. | Data | | |
|----------------|----------------|--|-------------------|
| <u>Des.</u> | <u>Element</u> | <u>Name</u> | <u>Attributes</u> |
| Must Use PER01 | 366 | Contact Function Code | M ID 2/2 |
| | | Code identifying the major duty or responsibility of the person or group named | |
| | | CE Certifier | |
| | | <i>Use to indicate the name and communication number of the party who provided a certification.</i> | |
| | | IC Information Contact | |
| | | <i>Use to indicate the party at the senders location.</i> | |
| | | RE Receiving Contact | |
| | | <i>Use to indicate the party at the receiving location who is to receive this transmission.</i> | |
| PER02 | 93 | Name | O AN 1/35 |
| | | Free-form name | |
| | | <i>Cite last name first, followed by first name. If the whole name is longer than 35 characters, truncate or use initials for first name. If necessary, use PER09 to provide the party's title</i> | |
| PER03 | 365 | Communication Number Qualifier | X ID 2/2 |
| | | Code identifying the type of communication number | |
| | | AU Defense Switched Network | |
| | | Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON) | |

- ED Electronic Data Interchange Access Number
- EM Electronic Mail
- FT Federal Telecommunications System (FTS)
- FX Facsimile
- IT International Telephone
Include the country code.
- TE Telephone
Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.

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
Use to identify a second communications number for the party cited in PER02. For example, if PER03/04 cites a telephone number, PER05/06 can be used to cite a FAX number.

AU Defense Switched Network
Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)

- ED Electronic Data Interchange Access Number
- EM Electronic Mail
- EX Telephone Extension
Use only if PER03 is used citing code AU, FT, or TE.

- FT Federal Telecommunications System (FTS)
- FX Facsimile
- IT International Telephone
Include the country code.

TE Telephone
Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.

PER06 364 Communication Number X AN 1/80
Complete communications number including country or area code when applicable

PER07 365 Communication Number Qualifier X ID 2/2
Code identifying the type of communication number
Use to identify a third communications number for the party cited in PER02.

| | | | | |
|--------------|------------|---|----------|----------------|
| | AU | Defense Switched Network Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON) | | |
| | ED | Electronic Data Interchange Access Number | | |
| | EM | Electronic Mail | | |
| | EX | Telephone Extension <i>Use only if PER05 is used citing code AU, FT, or TE.</i> | | |
| | FT | Federal Telecommunications System (FTS) | | |
| | FX | Facsimile | | |
| | IT | International Telephone <i>Include the country code.</i> | | |
| | TE | Telephone <i>Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i> | | |
| PER08 | 364 | Communication Number Complete communications number including country or area code when applicable | X | AN 1/80 |
| PER09 | 443 | Contact Inquiry Reference Additional reference number or description to clarify a contact number <i>Use, if necessary, to provide the title of the party cited in PER02.</i> | O | AN 1/20 |

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

Notes: *Use this segment to identify a more detailed subject of the text message*

Data Element Summary

| Ref. | Data | | | |
|-------------|----------------|-------------|--|-------------------|
| <u>Des.</u> | <u>Element</u> | <u>Name</u> | | <u>Attributes</u> |
| Must Use | MIT01 | 127 | Reference Number | M AN 1/30 |
| | | | Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. <i>A unique number assigned by the originator of the transaction set to identify multiple messages contained within this transaction set. For example, the number 001 can be used to refer to a message with the subject Packaging Requirements cited in MIT02; the number 002 can be used in another iteration of this MIT segment to identify a second message with the subject, Testing Procedures cited in MIT02.</i> | |
| | MIT02 | 352 | Description | O AN 1/80 |
| | | | A free-form description to clarify the related data elements and their content <i>Use to provide the subject of the message.</i> | |
| N/U | 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 | |
| N/U | 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 | |

Segment: **MSG** Message Text
Position: 080
Loop: MIT
Level: Detail
Usage: Mandatory
Max Use: 100000
Purpose: To provide a free form format that would allow the transmission of text information.
Syntax Notes:
Semantic Notes:
Comments: 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
Notes: *Use the full 264 character capability of data element 933 (MSG01) unless specifically advised by a trading partner to limit the length of any one iteration of the segment to 80 characters.*

Data Element Summary

| <u>Ref.</u> | <u>Data</u> | <u>Attributes</u> |
|----------------|---|-------------------|
| <u>Des.</u> | <u>Element</u> <u>Name</u> | |
| Must Use MSG01 | 933 Free-Form Message Text Free-form message text | M AN 1/264 |
| MSG02 | 934 Printer Carriage Control Code A field to be used for the control of the line feed of the receiving printer | O ID 2/2 |

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. | Data | Attributes |
|----------------------|---|-------------------|
| Des. | Element Name | |
| Must Use SE01 | 96 Number of Included Segments Total number of segments included in a transaction set including ST and SE segments | M 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 <i>Cite the same number as the one in ST02.</i> | M AN 4/9 |

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