



Department
of
Defense

DoD
Transportation
Electronic Data
Interchange (EDI)
Convention

ASC X12 Transaction Set 864
Text Message
(Version 003050)

DRAFT

December 1997



Department
of
Defense

DoD
Transportation
Electronic Data
Interchange (EDI)
Convention

ASC X12 Transaction Set 864
Text Message
(Version 003050)

DRAFT

December 1997

CONTENTS

1.0 INTRODUCTION

2.0 CONTROL SEGMENTS

3.0 STANDARD IMPLEMENTATION CONVENTION

4.0 IC ELEMENT MATRIX

5.0 IC ELEMENTS IN EDI FORMAT

6.0 RESERVED

7.0 PAPER ENVIRONMENT BUSINESS FORMS

8.0 IC ELEMENT CHANGE MATRIX

9.0 ADDITIONAL INFORMATION FOR THE DEVELOPER

(Blank Page)

1.0 INTRODUCTION

This implementation convention (IC) describes the standard or convention the Military Traffic Management Command (MTMC) and the Department of Defense (DoD) will use to process Solicitation Cover Letters and Solicitation Award Letters. This convention supports MTMC's Guaranteed Traffic (GT) program.

Who Needs to Use This Document

Computer programmers use this document to identify the data requirement for populating an EDI transaction.

Why Use a Convention

Trading partners can populate EDI transaction sets in several ways. A convention defines the rules for filling in or "populating" an EDI transaction. Following a convention ensures that trading partners will encounter fewer data quality problems during development and maintenance of EDI systems.

Contents

Additional sections are included in this document.

- Section 2.0, Control Segments, identifies the specific data requirements for formatting the EDI interchange control segments that envelop all EDI transactions.
- Section 3.0, Transaction Set Profile, lists the layout of the target transaction set by segment and data element. Identified along side each transaction set data element is the Application Mapping Matrix index number from Section 4.0.
- Section 4.0, IC Element Matrix, identifies the application data elements trading partners need to exchange. This section can be used to map an existing application database into the transaction set.
- Other sections contain examples of hard copy documents, examples of EDI transaction sets, segment looping logic tables, and other items that serve as references for software developers.

(Blank Page)

2.0 Control Segments

Overview

This section describes the EDI control segments (interchange control and functional group segments). The control segment information was derived from the ASC X12 Standards Draft Version 3 Release 5 (003050).

Purpose

This section identifies the specific data requirements for formatting the EDI control segments when transmitting and receiving EDI transactions. The format and data content of the control segments are usually managed by EDI translation software. The data requirements described herein should be used to set control segment formats when installing or initializing translation software for transmission and reception of EDI transactions.

Contents

Two items are included in this section.

- Interchange Control Segment Hierarchy, identifies the control segments in their order of occurrence in an EDI communications interchange.
- This is followed by DoD Convention ASC X12 Control Segments, which presents a detailed description of the DoD's data conventions for formatting EDI standard control segments. Each of the control segments is described by their discrete data elements.

Special Instructions

Any unique eight-bit (byte) character could serve as data element separator, segment terminator, or subelement separator, provided each character is disjoint from all data elements within an interchange and that these do not conflict with telecommunications protocols necessary to the transmission of the interchange. The following recommended values conform with information published in Electronic Data Interchange, X12 Standards, Interchange Control Structures, Section 4.3 Delimiter Specifications.

DATA ELEMENT SEPARATOR

While the data element separator may be graphically displayed as an asterisk (*) or a tilde (~) in ASC X12 documentation, it is the value employed in the fourth byte of an interchange envelope that actually assigns the separator that the translators will use throughout an interchange.

ASC X12 recommends the ASCII character with hexadecimal value "1D" for use as the data element separator (gs).

SEGMENT TERMINATOR

Likewise, the control envelope establishes the byte value used for segment termination within an interchange. ASC X12 documentation usually portrays this as a new line (n/l character, but the actual segment terminator for an interchange will be the byte value occurring immediately following the ISA16 segment.

ASC X12 recommends the ASCII character with hexadecimal value "1C" for use as the segment (fs) terminator.

SUBELEMENT SEPARATOR

The ISA segment provides a discrete element (ISA16) for defining the subelement separator within an interchange. Although designated as reserved for future expansion in Version 3, Release 5, a value in ISA16 is required.

ASC X12 recommends the ASCII character with hexadecimal value "1F" for use as the subelement separation (us) character.

3.0 Standard Implementation Convention

This section presents the DoD's convention for interpreting Guaranteed Traffic Transaction Services Tenders using the ASC X12.34 Transaction Set 864 Text Message (Version 003050).

ELECTRONIC PUBLICATION

File 864D3050.PDF contains the DoD ASC X12 864 Text Message (Version 003050) implementation convention. For the DoD implementation convention including DTEDI developer notes, see file 864B3050.PDF.

(Blank Page)

Section 4.0

IC ELEMENT MATRIX

OVERVIEW

In order to implement an EDI transaction set, trading partners need to identify the application data elements they plan to exchange, identify where they plan to carry the data within the structure of the EDI transaction (a task commonly called mapping), identify any additional X12 data such as qualifier codes, and publish that information in an implementation convention (IC). This section contains an IC element matrix that lists that information.

PURPOSE

Using the IC element matrix will expedite mapping of an application database into a commercial EDI translation package. This IC element matrix applies to a specific application database, which is described in the Application Notes section below.

HOW TO READ THE IC ELEMENT MATRIX

To read the matrix, trading partners need to understand matrix record types, two categories of matrix information, the matrix layout, and the sort order of the matrix.

Record Types

The matrix contains two types of records: segment header records and element records.

- Segment header records begin the description of a segment. Each segment header record starts the description of a discrete occurrence of an X12 segment. The element records (see below) that follow a segment header record cannot be co-mingled with elements from other segments, including those segments with matching IDs.
- Element records identify an individual data element that occurs within a segment. Each element satisfies either an application requirement or X12 standard syntax. If one element in a segment is passed, all elements in the segment need to be passed in accordance with the IC requirement designator.

Two Categories of Record Information

The matrix contains two categories of information: IC application information and ASC X12 information.

- IC application information describes attributes outside the structure and syntax of the X12 standard.
- ASC X12 information is attached to each IC element. That information is extracted directly from the X12 standard dictionary and enables programmers to map the IC element into the standards.

Matrix Layout

The IC element matrix lists information in sixteen columns.

- IC Index Number (Index) enables designers and programmers to quickly cite a record in the matrix.
- IC Data Group Number (DG) is a number assigned by the IC developers. That number identifies an IC element with a group of elements that form a database table within the application data model. In order to quickly reference a table, Defense transportation developers label database tables with a Data Group number. For example, a “Bill To Address” may belong to the “PURCHASE ORDER” parent table with GRP = 10. A “Stop-off Delivery Address” may belong to the “ITEM DELIVERY” child table with GRP = 60.
- IC Data Element Name (Data Name) is a label for each data element using terminology common to the business environment. The IC element matrix identifies an element as a “Route Order Number Qualifier.” This is more concise than using the generic X12 label of “Qualifier”. A segment header record identifies the segment ID in this field.
- IC Notes & Codes (DoD Information Notes and Codes) can contain application notes about various segment and element conditions or requirements. This column may also list both X12 standard codes and DoD unique codes. If the list is larger than 20 codes, it appears in the section that contains Code Lists.
- IC Attributes (Attributes). When part of a segment header record, this column indicates the usage of the segment. When part of an element record, this column indicates the usage of the element within the segment, if the segment is used. Attributes may differ from those in the X12 standard. For example, if trading partners expect to exchange a purchase order number that has a specific length and structure, those attributes are described here. Attributes include requirement designator, data element type, minimum length and maximum length.
- X12 Transaction Set Table Number (Tabl).
- X12 Segment Position (Pos).
- X12 Requirement Designator (Req Des) . This column applies only to Segment Header type matrix records.
- X12 Maximum Usage (Max Use). This column applies only to Segment Header type matrix records.
- X12 Loop Repeat (Lp Rpt) indicates the number of times a loop may be used. This column applies only to Segment Header type matrix records.
- X12 Loop Level (Lp Lv). Loops may be nested within other loops. This column indicates the nesting level for each loop and applies only to Segment Header type matrix records.
- X12 Loop ID (Lp ID). This column applies only to Segment Header type matrix records.
- X12 Segment Reference Designator (Ref Des) . This column applies only to Element type matrix records.
- X12 Simple or Composite Data Element Number (DE#). This column applies only to Element type matrix records.

- X12 Simple Data Element Attributes (Attributes). Attributes listed include the data element requirement designator, data element type, minimum length and maximum length. This column applies only to Element type matrix records.
- X12 Composite Data Element Attributes ((Composite) Attributes) . Attributes listed include the simple data element number, requirement designator, data element type, minimum length and maximum length. This column applies only to Element type matrix records.

Sort Order of the Matrix

The IC elements in the matrix are presented in an order that enables programmers to generate application-to-translator interface files (also known as user-defined files or UDFs) that are syntactically correct to ASC X12 standards. IC elements are grouped under segment header records. When exchanging an IC element, the programmer needs to generate the entire segment under which the element is listed. Likewise, when exchanging a segment, the programmer needs to generate the entire loop structure to which the segment belongs.

APPLICATION NOTES

The IC element matrix in this section maps data requirements for the Military Traffic Command's MTMC's Guaranteed Traffic (GT) Tender Program from the Department of Defense (DoD) Solicitation Cover and Solicitation Award Letters into the ASC X12 Transaction Set 864 Text Message. DoD derived the IC elements from the following sources:

- Examination of sample paper tenders
- Analysis of MT FORM 364-R Instruction for Use
- Comparing data dictionaries of various tender application systems
- Analysis of ASC X12 Transaction Set 864 Text Message (Version 003050)
- Comments submitted by transportation activities involved in the DoD electronic data interchange effort.

DoD INFORMATION					SEGMENT INFORMATION							ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes	Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
1		10 ST SEGMENT	>>>>>>>	M	1	010						ST		M /	/
2		10 Transaction Set Identifier Code	864 - X12.34 Text Message	M ID 3/3	1	010						ST01	143	M ID 3/3	
3		10 Transaction Set Control Number	Identifying control number assigned by the originator of the transaction that must be unique within the Transaction Set Functional Group.	M AN 4/9	1	010						ST02	329	M AN 4/9	
4		10 BMG SEGMENT	>>>>>>>	M	1	020						BMG		M /	/
5		10 Transaction Set Purpose Code	00 - Original	M ID 2/2	1	020						BMG01	353	M ID 2/2	
6		10 Solicitation Description	This item is a six position solicitation ID, two position amendment ID, followed by a space, plus the 60 character description of that solicitation. Example "65432100 DDRV TO CONUS".	M AN 10/69	1	020						BMG02	352	O AN 1/80	
7		10 Transaction Set Type Code	Use codevalue 'ME' to indicate Solicitaion Cover Letter. 65 - Award Letter ME - Memorandum	M ID 2/2	1	020						BMG03	640	O ID 2/2	
8		10 DTM SEGMENT	>>>>>>>	M	1	030						DTM		M /	/
9		10 Date Qualifier	Always use 164 when BGM03 equals ME. 164 - First Issue 170 - Supplemental Issue	M ID 3/3	1	030						DTM01	374	M ID 3/3	
10		10 Date of Issue	Use YYMMDD date format.	M DT 6/6	1	030						DTM02	373	X DT 6/6	
11		80 MIT SEGMENT	>>>>>>>	M	2	010						MIT		M /	/
12		80 MTMC Solicitation File ID	This item is the MTMC Solicitaion File Identifier, if available, or the Solicitation ID.	M AN 1/16	2	010						MIT01	127	M AN 1/30	
13		80 MSG SEGMENT	>>>>>>>	M	2	080						MSG		M /	/

DoD INFORMATION					SEGMENT INFORMATION							ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes	Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
14	80	Clear Text	This item will contain a line of clear text no longer than 264 characters.	M AN 1/264	2	080						MSG01	933	M AN 1/264	
15	80	Printer Carriage Control Code	Use this code to insert lines and page breaks before printing the clear text that appears in MSG01. AT - Advanced Three Lines Before Print DS - Advance two lines before print NP - Advance to next page before print SS - Advance to new line before print	M ID 2/2	2	080						MSG02	934	O ID 2/2	
16	900	SE SEGMENT	>>>>>>>	M	3	010						SE		M /	/
17	900	Number of Segments Included	Total segments in this transaction set (counting ST and SE segments).	M NO 1/10	3	010						SE01	96	M NO 1/10	
18	900	Transaction Set Control Number	Must match value in ST02 of same transaction.	M AN 4/9	3	010						SE02	329	M AN 4/9	

Section 5.0

IC ELEMENTS IN EDI FORMAT

Contents

This section contains examples of the 864 transaction set as used for the Department of Defense (DoD) Guaranteed Traffic Solicitation Cover Letter and Solicitation Award Letter.

Example 1 illustrates a Solicitation Cover Letter that would be attached to a GT solicitation package.

Example 2 illustrates a Solicitation Award Letter that MTMC would send to carriers who were designated as awarded carriers for specific solicitation awards.

Section 7.0 shows these same examples as they are printed by MTMC's GT*STEP system.

(Blank Page)

Example 1 – Solicitation Cover Letter

ST~864~0001 n/l

BMG~00~90099400 DDOO TO SOUTHWEST REGION (AZ,CA,NV)~ME n/l

DTM~164~970911 n/l

MIT~D-97-07 n/l

MSG~September 10, 1997~DS n/l

MSG~Transportation Services~DS n/l

MSG~SUBJECT: Guaranteed Traffic (GT) from Defense Distribution Depot, Oklahoma (DDOO), to All Points in the Contiguous United States (CONUS) (D-97-07-SB)~DS n/l

MSG~Dear Sir/Madam:~AT n/l

MSG~ The Department of Defense (DOD) is interested in allocating traffic for less-than-truckload (LTL) and truckload (TL) requirements to Military Traffic Management Command (MTMC) qualified carriers, for the period December 1, 1997 through November 30, 1999.~DS n/l

MSG~All offers in response to the requirements of this solicitation are subject to the provisions contained in the MTMC Guaranteed Traffic Rules Publication (MGTRP) Number 50.~SS n/l

MSG~ Certain freight which may qualify as rail movements in the future, will not be considered as part of this tonnage allocation. The Government reserves the option to use rail as it determines feasible. Intermodal submissions confined to trailer on flatcar~DS n/l

MSG~(TOFC)/container on flatcar (COFC) door-to-door service will be considered.~SS n/l

MSG~ Commodity(ies): Freight all kinds (DOD Unique Code 999922).~DS n/l

MSG~ The following information is shown as enclosures to this solicitation:~DS n/l

MSG~ a. Carrier Qualification (Enclosure 1).~DS n/l

MSG~ b. Shipper Requirements/Equipment/Operations (Enclosure 2).~DS n/l

MSG~ c. Origin(s) and Destination(s) and/or Regions(s) (Enclosure 3).~DS n/l

MSG~ d. List of Major Destination(s) with or without Weight/Shipment Information (Enclosure 4).~DS n/l

MSG~ e. Method of Evaluation (Enclosure 5).~DS n/l

MSG~ f. Submission/Tender Completion Instructions (Enclosure 6).~DS n/l

MSG~ g. Problems in Tender Filings (carrier's responsibility for tender filings). HANDWRITTEN OR ILLEGIBLY TYPED SUBMISSIONS ARE NO LONGER ACCEPTABLE (Enclosure 7).~DS n/l

MSG~ h. Tenders (Enclosure 8).~DS n/l

MSG~ i. Certificate of Independent Pricing (Carrier must submit one signed copy to be responsive (Enclosure 9).~DS n/l

MSG~ Carriers interested in this traffic must submit two original signed copies of each applicable tender to arrive at the following address by 3 p.m. eastern time (e.t.) on Friday, October 1, 1997:~DS n/l

MSG~ Headquarters, Military Traffic Management Command~DS n/l

MSG~ ATTN: MTOP-T-ND (MS. BROWN)~SS n/l

MSG~ Room 117~SS n/l

MSG~ 5611 Columbia Pike~SS n/l

MSG~ Falls Church, Virginia 22041-5050~SS n/l

MSG~ FILE: D-97-07-SB (Carriers must show their Standard Carrier Alpha Code (SCAC) next to the file number).~DS n/l

MSG~ Submissions received after 3 p.m. e.t. will be returned and not considered. Carriers are advised that an opening will be held on Monday, October 2, 1997, starting at 9 a.m. e.t. at the above address. In the event this is declared a non-business day, the~DS n/l

MSG~same conditions will apply to the next business day.~SS n/l

MSG~ Point of contact is MS. BROWN, MTOP-T-ND, (703) 681-6103.~DS n/l

MSG~ Sincerely,~DS n/l

MSG~.~SS n/l

MSG~.~SS n/l

MSG~.~SS n/l

MSG~.~SS n/l

MSG~ Bob Smith~SS n/l

MSG~ Director, Joint Traffic Management Office~SS
n/l

MSG~Enclosures~AT n/l

SE~42~0001 n/l

Example 2 – Solicitation Award Letter

ST~864~0002 n/l

BMG~00~90090900 TEST DDSP TO CONUS (MATRIX 3, AV)~65 n/l

DTM~164~970731 n/l

MIT~D-97-10-KM n/l

MSG~SUBJECT: Guaranteed Traffic (GT) from Defense Distribution Depot, Susquehanna, PA (DDSP), to All Points in the Contiguous United States (CONUS) (D-97-10-KM)~DS n/l

MSG~1. Reference solicitation letter, MTTM, 12 Apr 97, SAB.~DS n/l

MSG~2. Based on our evaluation, the carriers listed below are designated as primary and alternates for subject traffic during the period 1 Aug 97 through 31 Jul 99. Subject traffic shown below is identified by tender ID as follows:~DS n/l

MSG~Less-than-Truckload Van 0001-0010; Truckload Van 0011-0020; Truckload Flat Bed 0021-0030; Less-than-Truckload Flat Bed 0031-0032; Less-than-Truckload Van (Tires) 0033; Point-to-Point Van 0034-0041; Point-to-Point Flat Bed 0042-0043; and Round Trip 0044.~SS n/l

MSG~3. POC is Mrs. Pat Settle, MTTM-D, 703-681-6554 or DSN 289-6554, FAX 703-681-8388, Internet settlep@baileys-emh5.army.mil.~DS n/l

MSG~TnID	Award	SCAC	Carrier Name	TndNo	DistNo	~AT n/l
----------	-------	------	--------------	-------	--------	---------

MSG~-----~SS n/l

MSG~ 0001	PRIMARY	CFWY	CONSOLIDATED FREIGHT WAYS, INC.	682312	293827	~SS n/l
-----------	---------	------	---------------------------------	--------	--------	---------

MSG~ 0001	1ST ALT	YFSY	YELLOW FREIGHT SYSTEM, INC.	675544	293828	~SS n/l
-----------	---------	------	-----------------------------	--------	--------	---------

MSG~ 0001	2ND ALT	ABFS	ABF FREIGHT SYSTEMS	678911	293829	~SS n/l
-----------	---------	------	---------------------	--------	--------	---------

MSG~ PATRICIA R. MALONEY~AT n/l

MSG~ Chief, DLA Customer Service Division~SS n/l

MSG~ JTMO~SS n/l

MSG~CF: ~DS n/l

MSG~GSA, ATTN: FW, Washington, DC~SS n/l

MSG~DLA, ATTN: DLA-MMDTT, Fort Belvoir, VA~SS n/l

MSG~DDRE, ATTN: DDRE-TT, New Cumberland, PA~SS n/l

MSG~DDSP, ATTN: DDSP-T, New Cumberland, PA~SS n/l

SE~23~0002 n/l

(Blank Page)

Section 6.0

RESERVED

(RESERVED FOR FUTURE USE.)

Section 7.0

PAPER ENVIRONMENT BUSINESS FORMS

The IC provides information that enables trading partners to translate a paper business form to EDI format. The letters conveyed using this IC were previously delivered as text documents and have no official form. This section, therefore, contains examples of the letter forms as they are printed by MTMC's GT*STEP system.

Example 1 illustrates a Solicitation Cover Letter that would be attached to a GT solicitation package.

Example 2 illustrates a Solicitation Award Letter that MTMC would send to carriers who were designated as awarded carriers for specific solicitation awards.

Section 5.0 shows these same examples in EDI format.

(Blank Page)

900994 DDOO TO SOUTHWEST REGION (AZ, CA, NV)

September 10, 1997

Transportation Services

SUBJECT: Guaranteed Traffic (GT) from Defense Distribution Depot, Oklahoma (DDOO), to All Points in the Contiguous United States (CONUS) (D-97-07-SB)

Dear Sir/Madam:

The Department of Defense (DOD) is interested in allocating traffic for less-than-truckload (LTL) and truckload (TL) requirements to Military Traffic Management Command (MTMC) qualified carriers, for the period December 1, 1997 through November 30, 1999. All offers in response to the requirements of this solicitation are subject to the provisions contained in the MTMC Guaranteed Traffic Rules Publication (MGTRP) Number 50.

Certain freight which may qualify as rail movements in the future, will not be considered as part of this tonnage allocation. The Government reserves the option to use rail as it determines feasible. Intermodal submissions confined to trailer on flatcar (TOFC)/container on flatcar (COFC) door-to-door service will be considered.

Commodity(ies): Freight all kinds (DOD Unique Code 999922).

The following information is shown as enclosures to this solicitation:

- a. Carrier Qualification (Enclosure 1).
- b. Shipper Requirements/Equipment/Operations (Enclosure 2).
- c. Origin(s) and Destination(s) and/or Regions(s) (Enclosure 3).
- d. List of Major Destination(s) with or without Weight/Shipment Information (Enclosure 4).
- e. Method of Evaluation (Enclosure 5).
- f. Submission/Tender Completion Instructions (Enclosure 6).
- g. Problems in Tender Filings (carrier's responsibility for tender filings). HANDWRITTEN OR ILLEGIBLY TYPED SUBMISSIONS ARE NO LONGER ACCEPTABLE (Enclosure 7).
- h. Tenders (Enclosure 8).
- i. Certificate of Independent Pricing (Carrier must submit one signed copy to be responsive (Enclosure 9).

Carriers interested in this traffic must submit two original signed copies of each applicable tender to arrive at the following address by 3 p.m. eastern time (e.t.) on Friday, October 1, 1997:

Headquarters, Military Traffic Management Command
ATTN: MTOP-T-ND (MS. BROWN)
Room 117
5611 Columbia Pike
Falls Church, Virginia 22041-5050

FILE: D-97-07-SB (Carriers must show their Standard Carrier Alpha Code (SCAC) next to the file number).

Submissions received after 3 p.m. e.t. will be returned and not considered. Carriers are advised that an opening will be held on Monday, October 2, 1997, starting at 9 a.m. e.t. at the above address. In the event this is declared a non-business day, the same conditions will apply to the next business day.

Point of contact is MS. BROWN, MTOP-T-ND, (703) 681-6103.

Sincerely,

Bob Smith
Director, Joint Traffic Management Office

Enclosures

(Blank Page)

AWARD LETTER

Solicitation: 900909 TEST DDSP TO CONUS (MATRIX 3, AV)
Award: 01 INITIAL AWARD
Date: 7/31/97

SUBJECT: Guaranteed Traffic (GT) from Defense Distribution Depot, Susquehanna, PA (DDSP), to All Points in the Contiguous United States (CONUS) (D-97-10-KM)

1. Reference solicitation letter, MTTM, 12 Apr 97, SAB.

2. Based on our evaluation, the carriers listed below are designated as primary and alternates for subject traffic during the period 1 Aug 97 through 31 Jul 99. Subject traffic shown below is identified by tender ID as follows: Less-than-Truckload Van 0001-0010; Truckload Van 0011-0020; Truckload Flat Bed 0021-0030; Less-than-Truckload Flat Bed 0031-0032; Less-than-Truckload Van (Tires) 0033; Point-to-Point Van 0034-0041; Point-to-Point Flat Bed 0042-0043; and Round Trip 0044.

3. POC is Mrs. Pat Settle, MTTM-D, 703-681-6554 or DSN 289-6554, FAX 703-681-8388, Internet settlep@baileys-emh5.army.mil.

TnID	Award	SCAC	Carrier Name	TndNo	DistNo
0001	PRIMARY 293827	CFWY	CONSOLIDATED FREIGHT WAYS, INC.	682312	
0001	1ST ALT 293828	YFSY	YELLOW FREIGHT SYSTEM, INC.	675544	
0001	2ND ALT 293829	ABFS	ABF FREIGHT SYSTEMS	678911	

PATRICIA R. MALONEY
Chief, DLA Customer Service Division
JTMO

CF:
GSA, ATTN: FW, Washington, DC
DLA, ATTN: DLA-MMDTT, Fort Belvoir, VA
DDRE, ATTN: DDRE-TT, New Cumberland, PA
DDS?, ATTN: DDSP-T, New Cumberland, PA

(Blank Page)

Section 8.0

IC ELEMENT CHANGE MATRIX

As business requirements change, trading partners need to update the Section 4.0 IC Element Matrix. This section contains a summary of all changes made to the IC Element Matrix since the last publication of the IC. These changes are a direct result of Data Maintenance Work Requests that are approved by the DTEDI Data Maintenance Work Group. This table is sorted by the IC Element Number.

(RESERVED FOR FUTURE USE)

(Blank Page)

Section 9.0

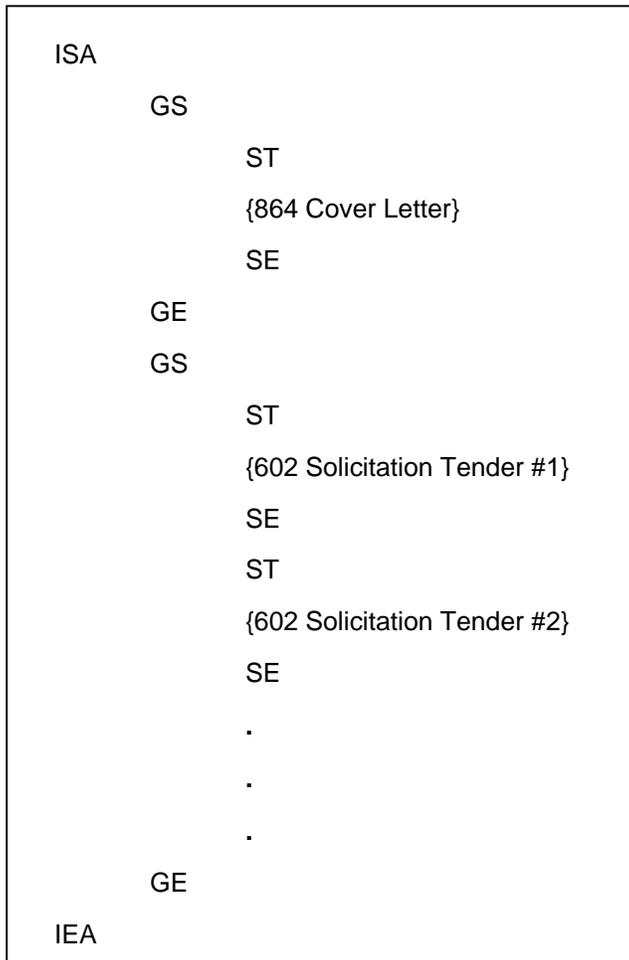
ADDITIONAL INFORMATION FOR THE DEVELOPER

This section describes the data groups cited in the IC element matrix (Section 4.0).

Electronic Solicitations

An electronic solicitation consists of a cover letter (Transaction Set 864) and one or more related tenders (Transaction Set 602). All of the transaction sets related to a solicitation are assigned the same solicitation ID. Additionally, when MTMC published a solicitation, the X12 control segments are used to group transaction sets related to the same solicitation. Figure 9-1 details this relationship. The implementation of the 602 is detailed in a separate DoD EDI convention document.

Figure 9-1 Electronic Solicitation Control Segment Hierarchy



Data Groups

Table 9-1 summarizes the IC data groups a programmer observes to construct an 864 transaction set.

Table 9-1 864 Data Exchange Flows

<i>Data Group Number</i>	<i>Data Group Description</i>	<i>Notes</i>
10	Header Information	Occurs once per 864 transaction.
80	Letter Text	This group carries all clear text information for a letter.
900	Transaction Trailer Information	Occurs once per 824 transaction.