



Department
of
Defense

DoD
Transportation
Electronic
Business (DTEB)
Convention

ASC X12 Transaction Set 824
Application Advice
(Version 004010) – TTC Tender
Compliance Notice

FINAL DRAFT

October 2008



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Section 1.0

INTRODUCTION

This implementation convention (IC) describes the standard or convention the Military Surface Deployment and Distribution Command (MSDDC) and the Department of Defense (DoD) will use to process Tender Compliance Notices This convention supports MSDDC's Tailored Transportation Contract Traffic program.

For further information about the Defense Transportation community's Electronic Business (DTEB) program, contact the following:

United States Transportation Command
TCJ6-AD
508 Scott Drive
Scott Air Force Base, IL 62225-7001

To obtain DoD conventions or ASC X12 guidance or to recommend DoD conventions or ASC X12 maintenance, contact the following:

Defense Logistics Management Standards Office
Attn: DLMSO
8725 John J. Kingman Road
Ft. Belvoir VA 22060-6217

For the most recent publication, go to the World-Wide Web at
[https://dteb.lmi.org/dod/dteb.nsf/\(DocLevel2\)?OpenView&cat1=IC&cat2=4010](https://dteb.lmi.org/dod/dteb.nsf/(DocLevel2)?OpenView&cat1=IC&cat2=4010)

[Instructions: At the web location, sign on as 'Guest'. Select the desired Implementation Convention document. That document is available in PDF format and may be downloaded or printed.]

Who Needs to Use This Document

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

Why Use a Convention

A convention defines the rules for 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, Standard Implementation Convention, 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.
- Section 5.0 , when present, contains an example of the EDI transactions.
- Section 6.0, Application Code Lists, when present, identifies the DoD codes that trading partners need to exchange. This section augments the matrix presented in Section 4.0.
- 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.
- CHANGE NOTE: The terminology, “Guaranteed Traffic,” is no longer being used and has been replaced with “Tailored Transportation Contract.” Accordingly, all references to “Guaranteed Traffic” and “GT” have been changed to “Tailored Transportation Contract” and “TTC,” respectively, throughout this implementation convention per DM #578

Section 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 Version 4 Release 1 (004010)*.

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

The complete 004010 version/release control segments includes an Interchange Control Segment Hierarchy on page 2.3, which identifies the control segments in their order of occurrence in an EDI communications interchange.

Beginning on page 2.5 are Department of Defense (DoD) Convention *ASC X12 Control Segments*, which present a detailed description of DoD data conventions for formatting Interchange Control and Functional Group segments for use among Defense Transportation Electronic Business (DTEB) trading partners.

Special Instructions

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

DATA ELEMENT SEPARATOR

While the data element separator is 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. Any unique eight-bit (byte) character may serve as data element separator, segment terminator, or component element 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.

ASC X12 recommends the ASCII character with hexadecimal value "1D" for use as the data element separator (gs). These values conform to information published in *Electronic Data Interchange, X12 Standards, Interchange Control Structures, Section 4.3, Delimiter Specifications*.

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.

COMPONENT ELEMENT SEPARATOR

The ISA segment provides a discrete element (ISA16) for defining the component element separator within an interchange. The component element separator is a delimiter used to separate component data elements within a composite data structure. It must be different than the data element separator and the segment terminator. *ASC X12* recommends the ASCII character with hexadecimal value "1F" for use as the component element separation (us) character.

GS01 CODE VALUE

Use the appropriate code value from data element 479 in GS01 of the control envelope for indicating the transaction set being transmitted. For example, to exchange an implementation convention for Transaction Set 858, the correct code value for GS01 is 'SI' denoting Shipment Information (858).

X12 PUBLICATION

See *ASC X12 Electronic Data Interchange X12 Draft Version 4 Release 1 Standards, Document Number: ASC X12S/97-372*, for complete 004010 version/release control segment specifications.

Interchange Control Envelope Control Segments

Usage	Seg ID	Name	Req Des	Max Use
Must Use	ISA	Interchange Control Header	M	1
Must Use	GS	Functional Group Header	M	1
Must Use	• ST - SE	Grouped Transactions		
Must Use	• ST - SE	Grouped Transactions		
Must Use	• ST - SE	Grouped Transactions		
Must Use	GE	Functional Group Trailer	M	1
Must Use	GS	Functional Group Header	M	1
Must Use	• ST - SE	Grouped Transactions		
Must Use	• ST - SE	Grouped Transactions		
Must Use	• ST - SE	Grouped Transactions		
Must Use	GE	Functional Group Trailer	M	1
Must Use	IEA	Interchange Control Trailer	M	1

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Segment: **ISA Interchange Control Header**
 Usage: **Mandatory**
 Max Use: **1**
 Purpose: **To start and identify an interchange of zero or more functional groups and interchange-related control segments**

DATA ELEMENT SUMMARY

Ref Des	Data Element	Name	Attributes
M	ISA01 I01	Authorization Information Qualifier Code to identify the type of information in the Authorized Information	M ID 2/2
		<u>Code</u> 00	<u>Definition</u> No Authorization Information Present (No Meaningful Information in I02)
M	ISA02 I02	Authorization Information Information used for additional clarification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)	M AN 10/10
		For code value '00' in ISA01, fill with zeros.	
M	ISA03 I03	Security Information Qualifier Code to identify the type of information in the Security Information	M ID 2/2
		<u>Code</u> 00	<u>Definition</u> No Security Information Present (No Meaningful Information in I04)
M	ISA04 I04	Security Information This is used for identifying the security Information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03).	M AN 10/10
		For code value '00' in ISA03, fill with zeros.	

- M ISA05 I05 Interchange ID Qualifier M ID 2/2**
Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified
- Select appropriate code value for sender from 4010 X12 code list for data element I05. For Department of Defense Agency Address Code (DoDAAC) use code value '10'.
- M ISA06 I06 Interchange Sender ID M AN 15/15**
Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element.
- DoD activities use DoDAAC or other code coordinated with trading partners. Non-DoD activities use identification code qualified by ISA05 and coordinated with network value added network (VAN) Administrator.
- M ISA07 I05 Interchange ID Qualifier M ID 2/2**
Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified
- Select appropriate code value for receiver from 4010 X12 code list for data element I05. For DoDAAC use code value '10'.
- M ISA08 I07 Interchange Receiver ID M AN 15/15**
Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them.
- DoD activities use DoDAAC or other code coordinated with trading partners. Non-DoD activities use identification code qualified by ISA05 and coordinated with VAN Administrator.

M ISA09 I08 Interchange Date M DT 6/6
 Date of the interchange

Date in MMDDYY format assigned by translation software

M ISA10 I09 Interchange Time M DT 4/4
 Time of the interchange

Time in HHMM format assigned by translation software

M ISA11 I10 Interchange Control Standards M ID 1/1
 Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer

<u>Code</u>	<u>Definition</u>
U	U.S. EDI Community of ASC X12, TDCC, and UCS

M ISA12 I11 Interchange Control Version Number M ID 5/5
 This version number covers the interchange Control segments.

<u>Code</u>	<u>Definition</u>
00401	Draft Standards for Trial Use Approved for Publication by ASC 12 Procedures Review Board through October 1997

Version/release of control segment, as agreed upon by the trading partners

M ISA13 I12 Interchange Control Number M NO 9/9
 A control number assigned by the interchange sender

Number assigned by translation software. The sender, receiver, and all third parties should be able to maintain an audit trail of interchanges using this number.

M ISA14 I13 Acknowledgment Requested M ID 1/1
 Code sent by the sender to request an interchange acknowledgment (TA1)

<u>Code</u>	<u>Definition</u>
0	No Acknowledgment Requested
1	Interchange Acknowledgment Requested

Send code agreed upon by trading partners.

M ISA15 I14

Usage Indicator

M ID 1/1

Code to indicate whether data enclosed by this interchange envelope is test, production, or information

<u>Code</u>	<u>Definition</u>
I	Information
P	Production Data
T	Test Data

Use code value as agreed upon by trading partners.

M ISA16 I15

Component Element Separator

AN 1/1

Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator.

ASC X12 recommends the use of ASCII character whose hexagonal value is '1F' as the component element separation character

Segment: GS Functional Group Header
 Usage: Mandatory
 Max Use: 1
 Purpose: To indicate the beginning of a functional group and to provide control information

DATA ELEMENT SUMMARY

	Ref Des	Data Element	Name	Attributes
M	GS01	479	Functional Identifier Code Code identifying a group of application related transaction sets	M ID 2/2
<p>Use the appropriate code value from data element 479 in GS01 of the control envelope for indicating the transaction set being transmitted. For example, to exchange an implementation convention for Transaction Set 858, the correct code value for GS01 is 'SI' denoting Shipment Information (858).</p>				
M	GS02	142	Application Sender's Code Code identifying party sending transmission; codes agreed to by trading partners	M AN 2/15
<p>Typically, a sender will use different codes here to uniquely identify each implementation convention (IC) for a particular transaction set. DoD activities use DoDAAC or other code coordinated with trading partners. Non-DoD activities use identification code assigned by DoD, which for increased security should differ from that used in ISA06.</p>				
M	GS03	124	Application Receiver's Code Code to identify the type of information in the Security Information	M AN 2/15
<p>DoD activities use DoDAAC or other code coordinated with trading partners. Non-DoD activities use identification code assigned by DoD, which for increased security should differ from that used in ISA08</p>				

M	GS04	373	<p>Date M DT 8/8 Date expressed as CCYYMMDD. Information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)</p> <p style="background-color: #e0e0e0; padding: 2px;">Date assigned by translation software</p>				
M	GS05	337	<p>Time M 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 D = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)</p> <p style="background-color: #e0e0e0; padding: 2px;">Time expressed in HHMM format assigned by translation software</p>				
M	GS06	28	<p>Group Control Number M N0 1/9 Assigned number originated and maintained by the sender</p> <p style="background-color: #e0e0e0; padding: 2px;">Number assigned by translation software. The sender, receiver, and all third parties should be able to maintain an audit trail of interchanges using this number.</p>				
M	GS07	455	<p>Responsible Agency Code M ID 1/1 Code used in conjunction with Data Element 480 to identify the issuer of the standard.</p> <table border="0" style="width: 100%; margin-top: 10px;"> <thead> <tr> <th style="text-align: left; border-bottom: 1px solid black;"><u>Code</u></th> <th style="text-align: left; border-bottom: 1px solid black;"><u>Definition</u></th> </tr> </thead> <tbody> <tr> <td style="padding-left: 20px;">X</td> <td style="padding-left: 20px;">Accredited Standards Committee X12</td> </tr> </tbody> </table>	<u>Code</u>	<u>Definition</u>	X	Accredited Standards Committee X12
<u>Code</u>	<u>Definition</u>						
X	Accredited Standards Committee X12						
M	GS08	480	<p>Version / Release / Industry Identified Code M AN 6/6 Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by the user), if code in DE455 in GS segment is T, then other formats are allowed.</p> <table border="0" style="width: 100%; margin-top: 10px;"> <thead> <tr> <th style="text-align: left; border-bottom: 1px solid black;"><u>Code</u></th> <th style="text-align: left; border-bottom: 1px solid black;"><u>Definition</u></th> </tr> </thead> <tbody> <tr> <td style="padding-left: 20px;">004010</td> <td style="padding-left: 20px;">Draft Standard Approved for Publication by ASC X12 Procedures Review Board through October 1997</td> </tr> </tbody> </table> <p style="background-color: #e0e0e0; padding: 2px; margin-top: 10px;">This is the version/release for all transactions within a functional group. See X12 4010 Dictionary for source code list. Note: optional positions 7- 12 are not used by the DTEB community.</p>	<u>Code</u>	<u>Definition</u>	004010	Draft Standard Approved for Publication by ASC X12 Procedures Review Board through October 1997
<u>Code</u>	<u>Definition</u>						
004010	Draft Standard Approved for Publication by ASC X12 Procedures Review Board through October 1997						

Segment: GE Functional Group Trailer
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of a functional group and to provide control information

DATA ELEMENT SUMMARY

Ref Des	Data Element	Name	Attributes
M GE01	97	Number of Transaction Sets Included Total number of segments included in a transaction set including ST and SE segments Number assigned by translation software	M N0 1/6
M GE02	28	Group Control Number Assigned number originated and maintained by the sender Number assigned by the translation software. This control number matches the control number that occurs in GS06.	M N0 1/9

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Segment: IEA Interchange Control Trailer
 Usage: Mandatory
 Max Use: 1
 Purpose: To define the end of an interchange of zero or more functional groups and interchange related control segments

DATA ELEMENT SUMMARY

	Ref Des	Data Element	Name	Attributes
M	IEA01	I16	Number of Included Functional Groups A count of the number of functional groups included in an interchange Number calculated by translation software	M N0 1/6
M	IEA02	I12	Interchange Control Number A control number assigned by the interchange sender Number assigned by translation software. This number must match that occurring in ISA13.	M N0 9/9

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Section 3.0

STANDARD IMPLEMENTATION CONVENTION

This section presents the DoD's convention for interpreting Tailored Transportation Contract Transaction Services Tenders using the ASC X12.44 Transaction Set 824 Application Advice (Version 004010).

Symbols that appear in the Data Element Summary to the left of each segment reference designator (Ref. Des.) define implementation convention usage for the DoD. These designations may differ from X12 convention attributes appearing in the right-hand column of the Data Element Summary and should be interpreted as follows:

- [*blank*] - Segment or data element may be used optionally
- M - X12 standards designate mandatory use of segment or data element
- >> - Segment or data element is mandatory for DTEDI use
- X - Segment or data element is not used.

NOTE: Whenever a segment occurs more than once, DoD's actual usage requirement may differ among the instances of segment usage. In all cases, the Data Element Summary will indicate the highest order DoD requirement. In other words, if one or several particular instances for a segment are OPTIONAL but another is MANDATORY, the Data Element Summary will indicate a MANDATORY requirement. A review of the IC layout in Section 4.0 will distinguish among the multiple instances and clarify the usage requirement for each instance.

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824 Application Advice

Functional Group ID=AG

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Application Advice Transaction Set (824) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide the ability to report the results of an application system's data content edits of transaction sets. The results of editing transaction sets can be reported at the functional group and transaction set level, in either coded or free-form format. It is designed to accommodate the business need of reporting the acceptance, rejection or acceptance with change of any transaction set. The Application Advice should not be used in place of a transaction set designed as a specific response to another transaction set (e.g., purchase order acknowledgment sent in response to a purchase order).

Heading:

	<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>
M	010	ST	Transaction Set Header	M	1		
M	020	BGN	Beginning Segment	M	1		
						LOOP ID - N1	>1
Not Used	030	N1	Name	O	1		
Not Used	040	N2	Additional Name Information	O	2		
Not Used	050	N3	Address Information	O	2		
Not Used	060	N4	Geographic Location	O	1		
Not Used	070	REF	Reference Identification	O	12		
Not Used	080	PER	Administrative Communications Contact	O	3		

Detail:

	<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 - OTI	>1
M	010	OTI	Original Transaction Identification	M	1		n1
Not Used	020	REF	Reference Identification	O	12		n2
Not Used	030	DTM	Date/Time Reference	O	2		n3
Not Used	040	PER	Administrative Communications Contact	O	3		n4
Not Used	050	AMT	Monetary Amount	O	>1		n5
Not Used	060	QTY	Quantity	O	>1		n6
Not Used	065	NM1	Individual or Organizational Name	O	9		n7
						LOOP ID - TED	>1
Must Use	070	TED	Technical Error Description	O	1		
Not Used	080	NTE	Note/Special Instruction	O	100		
Not Used	082	RED	Related Data	O	100		n8
						LOOP ID - LM	>1

Not Used	085	LM	Code Source Information	O	1	n9
			LOOP ID - LQ	100		
Not Used	086	LQ	Industry Code	M	1	
Not Used	087	RED	Related Data	O	100	n10
M	090	SE	Transaction Set Trailer	M	1	

Transaction Set Notes

1. The OTI loop is intended to provide a unique identification of the transaction set that is the subject of this application acknowledgment.
2. The REF segment allows for the provision of secondary reference identification or numbers required to uniquely identify the original transaction set. The primary reference identification or number should be provided in elements OTI02-03.
3. The DTM segment allows for the provision of date, time, or date and time information required to uniquely identify the original transaction set.
4. The PER segment should be utilized if administrative communications contact information is important to the unique identification of the original transaction set.
5. The AMT segment should be utilized if monetary amount information is important to the unique identification of the original transaction set.
6. The QTY segment should be utilized if quantity information is important to the unique identification of the original transaction set.
7. The NM1 segment allows for the provision of entity identification information required to uniquely identify the original transaction set.
8. The RED segment may be used to provide data related to the error condition specified in the associated TED01 element.
9. The LM loop is used to identify industry-based or proprietary application error conditions.
10. The RED segment may be used to provide data related to the error condition specified in the associated LQ02 element.

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., 810 selects the Invoice Transaction Set).
Comments:
Notes: [001] ST SEGMENT - TTC Tender Compliance Acknowledgement Header (DG 10)

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set [002] Transaction Set ID (DG 10) 824 Application Advice [002] Application Advice	M ID 3/3
M	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 [003] Transaction Set Control Number (DG 10) Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set. The application and structure of the control number must be agreed upon between trading partners. (For example, some applications use all nine digits where the first five might indicate a group control number and the last four represent the sequence of the transaction set within the functional group. Also, the entire nine digit field may simply represent the sequence of the transaction set generated by a trading partner.)	M AN 4/9

Segment: **BGN** Beginning Segment

Position: 020

Loop:

Level: Heading

Usage: Mandatory

Max Use: 1

Purpose: To indicate the beginning of a transaction set

Syntax Notes: 1 If BGN05 is present, then BGN04 is required.

Semantic Notes: 1 BGN02 is the transaction set reference number.

2 BGN03 is the transaction set date.

3 BGN04 is the transaction set time.

4 BGN05 is the transaction set time qualifier.

5 BGN06 is the transaction set reference number of a previously sent transaction affected by the current transaction.

Comments:

Notes: [004] BGN SEGMENT - Transaction Set Purpose (DG 10)

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
M	BGN01	353 Transaction Set Purpose Code	M ID 2/2
		Code identifying purpose of transaction set	
		[005] Transaction Set Purpose Code (DG 10)	
		00 Original	
		[005] Original	
M	BGN02	127 Reference Identification	M AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
		[006] TTC Module Database Keys (DG 10)	
		This item contains three data entities. They will be concatenated into one continuous string of alphanumeric characters. The three entities are: 1) The Solicitation ID of data type N 6/6; 2) the tender ID of data type N 4/4; and 3) the carrier's SCAC of data type AN 2/4. Example "0000010001CFWY".	
M	BGN03	373 Date	M DT 8/8
		Date expressed as CCYYMMDD	
		[007] Date Action Was Taken (DG 10)	
		CHANGE NOTE: Due to X12 Standards change, use date format CCYYMMDD.	
X	BGN04	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)	

X	BGN05	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	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
X	BGN06	127	Reference Identification	O AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
	BGN07	640	Transaction Type Code	O ID 2/2
			Code specifying the type of transaction	
			[008] Interface Data Flow Type Code (DG 10)	
			Use code value 'CJ' to denote Bid Compliance Notice.	
			CJ	Confirmation
				[008] Confirmation
X	BGN08	306	Action Code	O ID 1/2
			Code indicating type of action	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
X	BGN09	786	Security Level Code	O ID 2/2
			Code indicating the level of confidentiality assigned by the sender to the information following	
			Refer to 004010 Data Element Dictionary for acceptable code values.	

Segment: **OTI** Original Transaction Identification

Position: 010

Loop: OTI Mandatory

Level: Detail

Usage: Mandatory

Max Use: 1

Purpose: To identify the edited transaction set and the level at which the results of the edit are reported, and to indicate the accepted, rejected, or accepted-with-change edit result

Syntax Notes: 1 If OTI09 is present, then OTI08 is required.

Semantic Notes: 1 OTI03 is the primary reference identification or number used to uniquely identify the original transaction set.

2 OTI06 is the group date.

3 OTI07 is the group time.

4 If OTI11 is present, it will contain the version/release under which the original electronic transaction was translated by the receiver.

5 OTI12 is the purpose of the original transaction set, and is used to assist in its unique identification.

6 OTI13 is the type of the original transaction set, and is used to assist in its unique identification.

7 OTI14 is the application type of the original transaction set, and is used to assist in its unique identification.

8 OTI15 is the type of action indicated or requested by the original transaction set, and is used to assist in its unique identification.

9 OTI16 is the action requested by the original transaction set, and is used to assist in its unique identification.

10 OTI17 is the status reason of the original transaction set, and is used to assist in its unique identification.

Comments: 1 OTI02 contains the qualifier identifying the business transaction from the original business application, and OTI03 will contain the original business application identification.

2 If used, OTI04 through OTI08 will contain values from the original electronic functional group generated by the sender.

3 If used, OTI09 through OTI10 will contain values from the original electronic transaction set generated by the sender.

Notes: [009] OTI SEGMENT - Original Transaction Identification (DG 10)

The OTI segment can occur one and only one time.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M		110	Application Acknowledgment Code	M ID 1/2
			Code indicating the application system edit results of the business data	
			[010] Action Taken Type Code (DG 10)	
		TA	Transaction Set Accept	
			[010] Transaction Set Accept	
		TR	Transaction Set Reject	

		[010] Transaction Set Reject	
M	OTI02	128	<p>Reference Identification Qualifier M ID 2/3</p> <p>Code qualifying the Reference Identification</p> <p>[011] Carrier's Tender ID Qualifier (DG 10)</p> <p style="padding-left: 40px;">ZS Software Application Number</p> <p style="text-align: center;">[011] Software Application Number</p>
M	OTI03	127	<p>Reference Identification M AN 1/30</p> <p>Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</p> <p>[012] Carrier's Tender ID (DG 10)</p> <p>This item contains three data entities. They will be concatenated into one continuous string of alphanumeric characters. The three entities are: 1) The tender number of data type N 6/6; 2) the tender supplement number of data type N 2/2; and 3) the carrier's SCAC of data type AN 2/4. Example: "65432100CFWY".</p>
X	OTI04	142	<p>Application Sender's Code O AN 2/15</p> <p>Code identifying party sending transmission; codes agreed to by trading partners</p>
X	OTI05	124	<p>Application Receiver's Code O AN 2/15</p> <p>Code identifying party receiving transmission; codes agreed to by trading partners</p>
X	OTI06	373	<p>Date O DT 8/8</p> <p>Date expressed as CCYYMMDD</p>
X	OTI07	337	<p>Time O TM 4/8</p> <p>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)</p>
X	OTI08	28	<p>Group Control Number X N0 1/9</p> <p>Assigned number originated and maintained by the sender</p>
X	OTI09	329	<p>Transaction Set Control Number O AN 4/9</p> <p>Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set</p>
X	OTI10	143	<p>Transaction Set Identifier Code O ID 3/3</p> <p>Code uniquely identifying a Transaction Set</p> <p>Refer to 004010 Data Element Dictionary for acceptable code values.</p>
X	OTI11	480	<p>Version / Release / Industry Identifier Code O AN 1/12</p> <p>Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then</p>

other formats are allowed

Refer to 004010 Data Element Dictionary for acceptable code values.

X	OTI12	353	Transaction Set Purpose Code	O ID 2/2
			Code identifying purpose of transaction set	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
X	OTI13	640	Transaction Type Code	O ID 2/2
			Code specifying the type of transaction	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
X	OTI14	346	Application Type	O ID 2/2
			Code identifying an application	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
X	OTI15	306	Action Code	O ID 1/2
			Code indicating type of action	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
X	OTI16	305	Transaction Handling Code	O ID 1/2
			Code designating the action to be taken by all parties	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
X	OTI17	641	Status Reason Code	O ID 3/3
			Code indicating the status reason	
			Refer to 004010 Data Element Dictionary for acceptable code values.	

Segment: **TED** **Technical Error Description**
Position: 070
Loop: TED Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Purpose: To identify the error and, if feasible, the erroneous segment, or data element, or both
Syntax Notes:
Semantic Notes:
Comments: 1 If used, TED02 will contain a generic description of the data in error (e.g., part number, date, reference number, etc.).
Notes: [013] TED SEGMENT - Bid Compliance Message (DG 10)
The TED segment is repeated once for each Bid Compliance Message.

Data Element Summary

Ref.	Data Element	Name	Attributes
M	TED01	647 Application Error Condition Code Code indicating application error condition [014] Bid Compliance Message Qualifier (DG 10) ZZZ Mutually Defined [014] Mutually Defined	M ID 1/3
	TED02	3 Free Form Message Free-form text [015] Bid Compliance Message (free form text) (DG 10) Free-form description of acceptance or reasons for rejection. See Section 9.0 (DTEB TTC Tender Compliance Notice Implementation Convention) for a list of error messages. To find Section 9.0 on the web, go to http://www.lmi.org/dtedi/ [Instructions: At that web location, select the IC navigator button. Choose the 'ICs Completed' menu, select the Implementation Convention document, and page to Section 9.0. That document is available in PDF format.]	O AN 1/60
X	TED03	721 Segment ID Code Code defining the segment ID of the data segment in error (See Appendix A - Number 77)	O ID 2/3
X	TED04	719 Segment Position in Transaction Set The numerical count position of this data segment from the start of the transaction set: the transaction set header is count position 1	O N0 1/6
X	TED05	722 Element Position in Segment This is used to indicate the relative position of a simple data element, or the relative position of a composite data structure with the relative position of the component within the composite data structure, in error; in the data	O N0 1/2

segment the count starts with 1 for the simple data element or composite data structure immediately following the segment ID

X	TED06	725	Data Element Reference Number	O N0 1/4
			Reference number used to locate the data element in the Data Element Dictionary	
X	TED07	724	Copy of Bad Data Element	O AN 1/99
			This is a copy of the data element in error	
X	TED08	961	Data Element New Content	O AN 1/99
			New data which has replaced erroneous data	

Segment: **SE** Transaction Set Trailer
Position: 090
Loop:
Level: Detail
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.

Notes: [016] SE SEGMENT - TTC Tender Compliance Acknowledgement Trailer (DG 900)

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	SE01	96	Number of Included Segments	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
			[017] Number of Included Segments (DG 900)	
			Total segments in this transaction set including the ST and SE segments.	
M	SE02	329	Transaction Set Control Number	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	
			[018] Transaction Set Control Number (DG 900)	
			This data element ends the transaction set and should match the number that appears in the ST02 that begins the transaction set.	

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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 ASC 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 ASC 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 matrix presents IC elements 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 Surface Deployment and Distribution Command's (MSDDC's) Tailored Transportation Contract Tender Program from the Tender Compliance Notice into the ASC X12 Transaction Set 824 Application Advice. 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 824 Application Advice (Version 004010)
- Comments submitted by transportation activities involved in the DoD electronic data interchange effort.

DoD INFORMATION				X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name	Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
1	10	ST SEGMENT - TTC Tender Compliance Acknowledgement Header		M	1	10	M	1							
2	10	Transaction Set ID		M ID 3/3	1	10		1				ST01	143	M ID 3/3	
		824 - Application Advice													
3	10	Transaction Set Control Number		M AN 4/9	1	10		1				ST02	329	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. The application and structure of the control number must be agreed upon between trading partners. (For example, some applications use all nine digits where the first five might indicate a group control number and the last four represent the sequence of the transaction set within the functional group. Also, the entire nine digit field may simply represent the sequence of the transaction set generated by a trading partner.)													
4	10	BGN SEGMENT - Transaction Set Purpose		M	1	20	M	1							
5	10	Transaction Set Purpose Code		M ID 2/2	1	20		1				BGN01	353	M ID 2/2	
		00 - Original													
6	10	TTC Module Database Keys		C AN 12/14	1	20		1				BGN02	127	O AN 1/30	
		This item contains three data entities. They will be concatenated into one continuous string of alphanumeric characters. The three entities are: 1) The Solicitation ID of data type N 6/6; 2) the tender ID of data type N 4/4; and 3) the carrier's SCAC of data type AN 2/4. Example "0000010001CFWY".													
7	10	Date Action Was Taken		M DT 8/8	1	20		1				BGN03	373	M DT 8/8	
		CHANGE NOTE: Due to X12 Standards change, use date format CCYYMMDD.													

DoD INFORMATION				X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION				
Index	DG	Data Name	Notes and Codes	DoD Recommended Attributes	Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
8	10	Interface Data Flow Type Code		C ID 2/2	1	20		1				BGN07	640	O ID 2/2	
			Use code value 'CJ' to denote Bid Compliance Notice. CJ - Confirmation												
9	10	OTI SEGMENT - Original Transaction Identification		M	2	10	M	1	>1	1	OTI				
			The OTI segment can occur one and only one time.												
10	10	Action Taken Type Code		M ID 2/2	2	10		1	>1	1	OTI	OTI01	110	M ID 1/2	
			TA - Transaction Set Accept TR - Transaction Set Reject												
11	10	Carrier's Tender ID Qualifier		M ID 2/2	2	10		1	>1	1	OTI	OTI02	128	M ID 2/3	
			ZS - Software Application Number												
12	10	Carrier's Tender ID		M AN 10/12	2	10		1	>1	1	OTI	OTI03	127	M AN 1/30	
			This item contains three data entities. They will be concatenated into one continuous string of alphanumeric characters. The three entities are: 1) The tender number of data type N 6/6; 2) the tender supplement number of data type N 2/2; and 3) the carrier's SCAC of data type AN 2/4. Example: "65432100CFWY".												
13	10	TED SEGMENT - Bid Compliance Message		M	2	70	O	1	>1	2	TED				
			The TED segment is repeated once for each Bid Compliance Message.												
14	10	Bid Compliance Message Qualifier		M ID 3/3	2	70		1	>1	2	TED	TED01	647	M ID 1/3	
			ZZZ - Mutually Defined												
15	10	Bid Compliance Message (free form text)		C AN 1/60	2	70		1	>1	2	TED	TED02	3	O AN 1/60	
			Free-form description of acceptance or reasons for rejection. See Section 9.0 (DTEB TTC Tender Compliance Notice Implementation Convention) for a list of error messages.												
16	900	SE SEGMENT - TTC Tender Compliance Acknowledgement Trailer		M	2	90	M	1							

DoD INFORMATION				X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION						
Index	DG	Data Name	Notes and Codes	DoD Recommended Attributes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes	
17	900	Number of Included Segments		M	NO 1/10	2	90		1				SE01	96	M NO 1/10		
		Total segments in this transaction set including the ST and SE segments.															
18	900	Transaction Set Control Number		M	AN 4/9	2	90		1				SE02	329	M AN 4/9		
		This data element ends the transaction set and should match the number that appears in the ST02 that begins the transaction set.															

Section 5.0

IC ELEMENTS IN EDI FORMAT

Contents

This section contains an example of the 824 transaction set as it is used for the Department of Defense (DoD) Tailored Transportation Contract (TTC) Tender Compliance Acknowledgment.

Example 1 illustrates an acknowledgment that MSDDC's TTC*STEP system accepted the subject carrier's TTC tender bid.

Example 2 illustrates an acknowledgment that MSDDC's TTC*STEP system rejected the subject carrier's TTC tender bid. Also, it provides messages that describe the reasons for the rejection.

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Example 1 – TTC Tender Acceptance Acknowledgment

ST~824~000000001 n/l

BGN~00~0000010001CFWY~950301~~~~BC n/l

OTI~TA~ZS~65432100CFWY n/l

TED~ZZZ~No errors detected, tender accepted for evaluation.

SE~5~000000001 n/l

Example 2 – TTC Tender Rejection Acknowledgment

ST~824~000000001 n/l

BGN~00~0000010001CFWY~950301~~~~BC n/l

OTI~TR~ZS~65432100CFWY n/l

TED~ZZZ~A-01. Carrier's zip code is less than 5 characters.

TED~ZZZ~J(e). Rates are not in proper regression (Across: Row [1],

TED~ZZZ~ Column [6]).

SE~5~000000001 n/l

Section 9.0

ADDITIONAL INFORMATION FOR THE DEVELOPER

This section describes the data groups cited in the IC element matrix (Section 4.0) and lists the compliance error messages that may be reported in response to a tender bid submission.

Data Groups

Table 9-1 summarizes the IC data groups a programmer observes to construct an 824 transaction set.

Table 9-1 824 Data Exchange Flows

Data Group Number	Data Group Description	Notes
10	Acknowledgment Header Information	Occurs once per 824 transaction.
900	Transaction Trailer Information	Occurs once per 824 transaction.

Compliance Error Messages

Table 9-2 lists the compliance error messages that may be reported in response to a tender bid submission.

Table 9-2 824 Compliance Error Messages

<i>Messages</i>
Invalid Solicitation Id.
A-00. Invalid Tender Id.
A-01 Carrier's name is blank.
A-01. Carrier's address is blank.
A-01. Carrier's city name is blank.
A-01. Carrier's state code is blank.
A-01. Carrier's zip code is blank.
Invalid Solicitation ID
A-01. Carrier's zip code is less than 5 characters.
A-02. Carrier's dispatcher contact name is blank.

<i>Messages</i>
A-02. Carrier's dispatcher phone number is blank.
A-03. Invalid mode code [<i>value</i>].
A-03. Mode code is blank.
A-03. Mode code on bid [<i>value</i>] does not match solicitation [<i>value</i>].
A-04. Tender number [<i>value</i>] must be in 600,000 series.
A-04. Supplement number on bid [<i>value</i>] does not match solicitation [<i>value</i>].
A-08. Issue date on bid [<i>value</i>] does not match solicitation [<i>value</i>].
A-09. Effective date on bid [<i>value</i>] does not match solicitation [<i>value</i>].
A-11. Interstate application on bid does not match solicitation.
A-11. Intrastate application/state on bid does not match solicitation.
A-12. Carrier's operating authority is blank.
A-17. Load application on bid [<i>value</i>] does not match solicitation [<i>value</i>].
B(g). Governing publication bid [<i>value</i>] does not match solicitation [<i>value</i>].
B(h). Combination/Proportional Rate designation on bid [<i>value</i>] does not match solicitation [<i>value</i>].
C. Agent's name is blank.
C. Agent's street address is blank.
C. Agent's city name is blank.
C. Agent's state code is blank.
C. Agent's zip code is blank.
C. Agent's zip code is less than 5 characters.
C. Carrier's authorized agent name is blank.
C. Carrier's authorized agent phone is blank.
C. Carrier's authorized agent title is blank.
C. Carrier's authorized agent date is blank.
APNB. Commodity missing: [<i>value</i>]
APNB. Commodity added: [<i>value</i>]
J(a). Section J missing.
J(a). Matrix type on bid [<i>value</i>] does not match solicitation [<i>value</i>].
J(a). Rate qualifier on bid [<i>value</i>] does not match solicitation [<i>value</i>].
J(a). Class rates effective date on bid [<i>value</i>] does not match solicitation [<i>value</i>].

<i>Messages</i>
J(b). Equipment code missing: [value]
J(b). Equipment code added: [value]
J(c). Route SPLC code missing: [value]
J(c). Route type code on bid [value] does not match solicitation [value].
J(c). Route SPLC code added: [value]
J(d). Exception route missing: [value]
J(d). Exception route added: [value]
J(e). Minimum charge not specified.
J(e). Minimum charge must be whole dollars.
J(e). Minimum charge on bid [value] does not match solicitation [value].
J(e). Rate matrix row missing: [value]
J(e). Row minimum mileage on bid [value] does not match solicitation.
J(e). Row maximum mileage on bid [value] does not match solicitation.
J(e). Rate matrix row added: [value]
J(e). Rate matrix column missing: [value]
J(e). Minimum Quantity column on bid [value] does not match solicitation.
J(e). Rate matrix column added: [value]
J(e). Rate matrix cell missing: [value]
J(e). Rate not positive: [value]
J(e). Rate matrix cell out of bounds [value].
J(e). No rows found for regression check.
J(e). No columns found for regression check.
J(e). No cells found for regression check.
J(e). Rates are not in proper regression (Column + [value]).
J(e). Rates are not in proper regression (Across: Row [value], Column [value]).
J(e). Rates are not in proper regression (Down: Row [value], Column [value]).
K. Service code missing: [value]
K. Charge type for service code [value] changed from [value] to [value].
K. Rate qualifier for service code [value] changed from [value] to [value].
K. Evaluation factor 1 for service code [value] changed from [value] to [value].

Messages

K. Evaluation factor 2 for service code [value] changed from [value] to [value].

K. Evaluation factor 1 units for service code [value] changed from [value] to [value].

K. Evaluation factor 2 units for service code [value] changed from [value] to [value].

K. MSDDC FIXED variable for service code [value] changed.

K. Rate not entered for service code [value].

K. Minimum charge not entered for service code [value].

K. Accessorial/Protective service added: [value].

No errors detected, tender accepted for evaluation.