



Department
of
Defense

DoD
Transportation
Electronic
Business (DTEB)
Convention

ASC X12 Transaction Set 824
Application Advice
(Confirmation Response)
(Version 004010)

FINAL DRAFT

December 2007



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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) will use to send 824 transactions to Department of Defense (DoD) freight shippers. It handles application acknowledgements for Domestic Route Order (DRO) Requests (1085) and responses to 404 Rail Carrier Shipment Information, as well. The transaction reports any data errors to automated information systems or it acknowledges, at an application level, receipt of bill of lading (858), DRO request transactions, or 404 Rail Carrier Shipment Information (i.e., transaction accepted without errors). The convention supports the Defense Transportation community's Electronic Business (DTEB) 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 electronic data interchange (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 IC Element 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.

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>	<u>Definition</u>
		00	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>	<u>Definition</u>
		00	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 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 ID 2/2
M	ISA06	I06	Interchange Sender ID 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 AN 15/15
M	ISA07	I05	Interchange ID Qualifier 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 ID 2/2
M	ISA08	I07	Interchange Receiver ID 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 AN 15/15

M	ISA09	I08	Interchange Date Date of the interchange	M DT 6/6						
Date in MMDDYY format assigned by translation software										
M	ISA10	I09	Interchange Time Time of the interchange	M DT 4/4						
Time in HHMM format assigned by translation software										
M	ISA11	I10	Interchange Control Standards Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer	M ID 1/1						
<table><tr><th><u>Code</u></th><th><u>Definition</u></th></tr><tr><td>U</td><td>U.S. EDI Community of ASC X12, TDCC, and UCS</td></tr></table>					<u>Code</u>	<u>Definition</u>	U	U.S. EDI Community of ASC X12, TDCC, and UCS		
<u>Code</u>	<u>Definition</u>									
U	U.S. EDI Community of ASC X12, TDCC, and UCS									
M	ISA12	I11	Interchange Control Version Number This version number covers the interchange Control segments.	M ID 5/5						
<table><tr><th><u>Code</u></th><th><u>Definition</u></th></tr><tr><td>00401</td><td>Draft Standards for Trial Use Approved for Publication by ASC 12 Procedures Review Board through October 1997</td></tr></table>					<u>Code</u>	<u>Definition</u>	00401	Draft Standards for Trial Use Approved for Publication by ASC 12 Procedures Review Board through October 1997		
<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 A control number assigned by the interchange sender	M N0 9/9						
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 Code sent by the sender to request an interchange acknowledgment (TA1)	M ID 1/1						
<table><tr><th><u>Code</u></th><th><u>Definition</u></th></tr><tr><td>0</td><td>No Acknowledgment Requested</td></tr><tr><td>1</td><td>Interchange Acknowledgment Requested</td></tr></table>					<u>Code</u>	<u>Definition</u>	0	No Acknowledgment Requested	1	Interchange Acknowledgment Requested
<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
			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).	
M	GS02	142	Application Sender's Code Code identifying party sending transmission; codes agreed to by trading partners	M AN 2/15
			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.	
M	GS03	124	Application Receiver's Code Code to identify the type of information in the Security Information	M AN 2/15
			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	

M	GS04	373	<div>Date</div> <div>M DT 8/8</div> <div>Date expressed as CCYYMMDD.</div> <div>Information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)</div> <div>Date assigned by translation software</div>				
M	GS05	337	<div>Time</div> <div>M TM 4/8</div> <div>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)</div> <div>Time expressed in HHMM format assigned by translation software</div>				
M	GS06	28	<div>Group Control Number</div> <div>M N0 1/9</div> <div>Assigned number originated and maintained by the sender</div> <div>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.</div>				
M	GS07	455	<div>Responsible Agency Code</div> <div>M ID 1/1</div> <div>Code used in conjunction with Data Element 480 to identify the issuer of the standard.</div> <table><tr><th>Code</th><th>Definition</th></tr><tr><td>X</td><td>Accredited Standards Committee X12</td></tr></table>	Code	Definition	X	Accredited Standards Committee X12
Code	Definition						
X	Accredited Standards Committee X12						
M	GS08	480	<div>Version / Release / Industry Identified Code</div> <div>M AN 6/6</div> <div>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.</div> <table><tr><th>Code</th><th>Definition</th></tr><tr><td>004010</td><td>Draft Standard Approved for Publication by ASC X12 Procedures Review Board through October 1997</td></tr></table> <div>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.</div>	Code	Definition	004010	Draft Standard Approved for Publication by ASC X12 Procedures Review Board through October 1997
Code	Definition						
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 application acknowledgements of receipt and reporting data errors identified in freight bills of lading and Domestic Route Order Requests (1085) 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 DTEB 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	
	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
	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 - Application Compliance Acknowledgement Header

Data Element Summary				
	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code	M ID 3/3
			Code uniquely identifying a Transaction Set	
			[002] Transaction Set Identifier Code	
		824	Application Advice	
			[002] Application Advice	
M	ST02	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	
			[003] 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. 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.)	

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

Data Element Summary				
	Ref.	Data		
	Des.	Element	Name	Attributes
M	BGN01	353	Transaction Set Purpose Code	M ID 2/2
			Code identifying purpose of transaction set	
			[005] 824 Transaction Set Purpose Code	
			Use code value '00' for Rail.	
		00	Original	
			[005] Original	
		11	Response	
			[005] Response	
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] 824 Transaction Set Identifier	
			Use value '858-BOL' to indicate 824 is in response to an 858 Bill of Lading transaction.	
			Use value '858-DRO' to indicate 824 is in response to a 1085 Domestic Route Order Request/Shipment Request.	
			Use value '404' to indicate 824 is in response to a 404 Rail Carrier Shipment Information transaction.	
M	BGN03	373	Date	M DT 8/8
			Date expressed as CCYYMMDD	
			[007] Date 858/404 Transaction Set Transmitted	
			Use date format CCYYMMDD.	
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	

Segment:	N1 Name
Position:	030
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	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:	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:	[008] N1 SEGMENT - Issuing Office GBLOC Mandatory when 824 is in response to an 858 Bill of Lading transaction or a 1085 Domestic Route Order Request/Shipment Request. SEEGMENT NOT USED FOR RAIL. (824 will be sent back to same GS receiver ID to identify sender of 404.)

Data Element Summary

Ref.	Des.	Data Element	Name	Attributes
M	N101	98	Entity Identifier Code	M ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
			[009] Originator Qualifier	
			FR Message From	
			[009] Message From	
>>	N102	93	Name	X AN 1/60
			Free-form name	
			[010] Originator Name	
			When originator is Military Surface Deployment and Distribution Command (SDDC), enter value 'MTMC'. (Other originators need to specify identifying N102 entry.)	
>>	N103	66	Identification Code Qualifier	X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)	
			[011] Office Qualifier	
			Enter code value '27' when transaction is in response to bill of lading (858R).	
			Enter code value '10' when transaction is in response to a Domestic Route Order Request (1085).	
			10 Department of Defense Activity Address Code (DODAAC)	

				[011] Department of Defense Activity Address Code (DODAAC)
		27		Government Bill Of Lading Office Code (GBLOC)
				[011] Government Bill Of Lading Office Code (GBLOC)
>>	N104	67	Identification Code	X AN 2/80
			Code identifying a party or other code	
			[012] Office Identifier	
			When transaction is in response to bill of lading (858R), enter GBLOC of Issuing Office.	
			When transaction is in response to a Domestic Route Order Request (1085), enter DoDAAC of requesting base.	
X	N106	98	Entity Identifier Code	O ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
			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:	[013] OTI SEGMENT - Original Transaction Identification

Data Element Summary

Ref.	Data	Attributes
Des.	Element Name	
M	OTI01 110 Application Acknowledgment Code	M ID 1/2
	Code indicating the application system edit results of the business data	
	[014] Application Acknowledgment Code	
	The code value 'TC' ONLY is used ONLY to indicate that a Domestic Route Order Request (1085) is accepted and will be processed manually.	
	TA Transaction Set Accept	
	[014] Transaction Set Accept	
	TC Transaction Set Accept with Data Content Change	

				[014] Transaction Set Accept with Data Content Change
			TE	Transaction Set Accept with Error
				[014] Transaction Set Accept with Error
			TR	Transaction Set Reject
				[014] Transaction Set Reject
M	OTI02	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			[015] BOL/Shipment ID Number Qualifier	
			Use code value 'BM' to indicate transaction is in response to bill of lading (858R).	
			Use code value 'SI' to indicate transaction is in response to a Domestic Route Order Request (1085).	
			Note: Rail will mirror back code from 404 transaction.	
			BM	Bill of Lading Number
				[015] Bill of Lading Number
			SI	Shipper's Identifying Number for Shipment (SID)
				A unique number (to the shipper) assigned by the shipper to identify the shipment
				[015] Shipper's Identifying Number for Shipment (SID)
M	OTI03	127	Reference Identification	M AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
			[016] BOL/Shipment ID Number	
X	OTI06	373	Date	O DT 8/8
			Date expressed as CCYYMMDD	
X	OTI09	329	Transaction Set Control Number	O AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
X	OTI10	143	Transaction Set Identifier Code	O ID 3/3
			Code uniquely identifying a Transaction Set	
			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.	

Segment:	REF Reference Identification
Position:	020
Loop:	OTI Mandatory
Level:	Detail
Usage:	Optional
Max Use:	12
Purpose:	To specify identifying information
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of REF02 or REF03 is required. 2 If either C04003 or C04004 is present, then the other is required. 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	[017] REF SEGMENT - Rail Numbers ID Used by Rail for equipment number or waybill number

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			[018] rail Number Qualifier	
			EQ Equipment Number	
			[018] Equipment Number	
			WY Waybill Number	
			[018] Waybill Number	
	REF02	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
			[019] Rail Equipment or Waybill Number	
			When REF01 is code value 'EQ' then the first 4 positions for REF02 are used for the equipment initials and the next 6 positions are the equipment serial number.	
			CHANGE NOTE: User note added for clarification per SDDC guidance.	
X	REF04	C040	Reference Identifier	O
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	
X	C04001	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
X	C04002	127	Reference Identification	M AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
X	C04003	128	Reference Identification Qualifier	X ID 2/3
			Code qualifying the Reference Identification	

X	C04004	127	Refer to 004010 Data Element Dictionary for acceptable code values.	
			Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
X	C04005	128	Reference Identification Qualifier	X ID 2/3
			Code qualifying the Reference Identification	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
X	C04006	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

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: [020] TED SEGMENT - Technical Error Description

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
M	TED01	647 Application Error Condition Code	M ID 1/3
		Code indicating application error condition	
		[021] Application Advice Condition Code	
		Note: The 858 Bill of Lading and 858 Domestic Route Order Request (1085) will ONLY use code value 'ZZZ'.	
		001 Car Not in Umler	
		[021] Car Not in Umler	
		002 Car Not in Correct Status for Billing	
		[021] Car Not in Correct Status for Billing	
		003 Duplicate Billing	
		[021] Duplicate Billing	
		004 Invalid Commodity Code	
		[021] Invalid Commodity Code	
		005 Route Error	
		[021] Route Error	
		006 Duplicate	
		[021] Duplicate	
		007 Missing Data	
		[021] Missing Data	
		008 Out of Range	
		[021] Out of Range	
		009 Invalid Date	
		[021] Invalid Date	
		010 Total Out of Balance	
		[021] Total Out of Balance	
		011 Not Matching	
		[021] Not Matching	

012	Invalid Combination
	[021] Invalid Combination
024	Other Unlisted Reason
	The reason for the application error condition cannot be described using any other code on the standard code list
	[021] Other Unlisted Reason
500	Misrouted Freight Bill
	[021] Misrouted Freight Bill
803	Missing or Invalid Payment Method Code
	[021] Missing or Invalid Payment Method Code
RAT	No Rate Available
	The shipper is unable to determine the rate for the move/service reported by the carrier
	[021] No Rate Available
ZZZ	Mutually Defined
	[021] Mutually Defined

>> **TED02** **3** **Free Form Message** **O AN 1/60**
Free-form text
[022] Application Advice Message

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: [023] SE SEGMENT - Application Compliance Acknowledgement Trailer

Data Element Summary

	Ref.	Data		
	Des.	Element	Name	Attributes
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	
			[024] Number of Included Segments	
			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	
			[025] Transaction Set Control Number	
			This data element ends the transaction set and should match the number that appears in the ST02 that begins the transaction set.	

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 Defense Transportation community's electronic data interchange (DTEDI's) program from the Application Compliance Acknowledgement into the ASC X12 Transaction Set 824 Application Advice. DTEDI derived the IC elements from the following sources:

- Examination of sample freight bills of lading
- Comparing data dictionaries of various shipper 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				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
1		ST SEGMENT - Application Compliance Acknowledgement Header		M	1	10	M	1							
2		Transaction Set Identifier Code		M ID 3/3	1	10		1				ST01	143	M ID 3/3	
		824 - Application Advice													
3		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		BGN SEGMENT - Transaction Set Purpose		M	1	20	M	1							
5		824 Transaction Set Purpose Code		M ID 2/2	1	20		1				BGN01	353	M ID 2/2	
		Use code value '00' for Rail. 00 - Original 11 - Response													
6		824 Transaction Set Identifier		M AN 3/7	1	20		1				BGN02	127	M AN 1/30	
		Use value '858-BOL' to indicate 824 is in response to an 858 Bill of Lading transaction. Use value '858-DRO' to indicate 824 is in response to a 1085 Domestic Route Order Request/Shipment Request. Use value '404' to indicate 824 is in response to a 404 Rail Carrier Shipment Information transaction.													
7		Date 858/404 Transaction Set Transmitted		M DT 8/8	1	20		1				BGN03	373	M DT 8/8	
		Use date format CCYYMMDD.													

DoD INFORMATION				DoD Recommended Attributes	X12 SEGMENT INFORMATION							X12 ELEMENT INFORMATION			
Index	DG	Data Name	Notes and Codes		Tabl	Pos	Req Des	Max Use	Lp Rpt	Lp Lv	Lp ID	Ref Des	DE #	(Simple) Attributes	(Composite) Attributes
8		N1 SEGMENT - Issuing Office GBLOC		C	1	30	O	1	>1	1	N1				
		Mandatory when 824 is in response to an 858 Bill of Lading transaction or a 1085 Domestic Route Order Request/Shipment Request. SEEGMENT NOT USED FOR RAIL. (824 will be sent back to same GS receiver ID to identify sender of 404.)													
9		Originator Qualifier		M ID 2/2	1	30		1	>1	1	N1	N101	98	M ID 2/3	
		FR - Message From													
10		Originator Name		M AN 4/4	1	30		1	>1	1	N1	N102	93	C AN 1/60	
		When originator is Military Surface Deployment and Distribution Command (SDDC), enter value 'MTMC'. (Other originators need to specify identifying N102 entry.)													
11		Office Qualifier		M ID 2/2	1	30		1	>1	1	N1	N103	66	C ID 1/2	
		Enter code value '27' when transaction is in response to bill of lading (858R). Enter code value '10' when transaction is in response to a Domestic Route Order Request (1085). 10 - Department of Defense Activity Address Code (DODAAC) 27 - Government Bill Of Lading Office Code (GBLOC)													
12		Office Identifier		M AN 4/6	1	30		1	>1	1	N1	N104	67	C AN 2/80	
		When transaction is in response to bill of lading (858R), enter GBLOC of Issuing Office. When transaction is in response to a Domestic Route Order Request (1085), enter DoDAAC of requesting base.													
13		OTI SEGMENT - Original Transaction Identification		M	2	10	M	1	>1	1	OTI				

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	
14		Application Acknowledgment Code		M ID 2/2	2	10		1	>1	1	OTI	OTI01	110	M ID 1/2		
The code value 'TC' ONLY is used ONLY to indicate that a Domestic Route Order Request (1085) is accepted and will be processed manually. TA - Transaction Set Accept TC - Transaction Set Accept with Data Content Change TE - Transaction Set Accept with Error TR - Transaction Set Reject																
15		BOL/Shipment ID Number Qualifier		M ID 2/2	2	10		1	>1	1	OTI	OTI02	128	M ID 2/3		
Use code value 'BM' to indicate transaction is in response to bill of lading (858R). Use code value 'SI' to indicate transaction is in response to a Domestic Route Order Request (1085). Note: Rail will mirror back code from 404 transaction. BM - Bill of Lading Number SI - Shipper's Identifying Number for Shipment (SID)																
16		BOL/Shipment ID Number		M AN 1/30	2	10		1	>1	1	OTI	OTI03	127	M AN 1/30		
17		REF SEGMENT - Rail Numbers ID		C	2	20	O	12	>1	1	OTI					
Used by Rail for equipment number or waybill number																
18		rail Number Qualifier		M ID 2/3	2	20		12	>1	1	OTI	REF01	128	M ID 2/3		
EQ - Equipment Number WY - Waybill Number																
19		Rail Equipment or Waybill Number		C AN 1/30	2	20		12	>1	1	OTI	REF02	127	C AN 1/30		
When REF01 is code value 'EQ' then the first 4 positions for REF02 are used for the equipment initials and the next 6 positions are the equipment serial number. CHANGE NOTE: User note added for clarification per SDDC guidance.																
20		TED SEGMENT - Technical Error Description		M	2	70	O	1	>1	2	TED					

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	
21		Application Advice Condition Code		M ID 3/3	2	70		1	>1	2	TED	TED01	647	M ID 1/3		
<p>Note: The 858 Bill of Lading and 858 Domestic Route Order Request (1085) will ONLY use code value 'ZZZ'.</p> <p>001 - Car Not in Umler</p> <p>002 - Car Not in Correct Status for Billing</p> <p>003 - Duplicate Billing</p> <p>004 - Invalid Commodity Code</p> <p>005 - Route Error</p> <p>006 - Duplicate</p> <p>007 - Missing Data</p> <p>008 - Out of Range</p> <p>009 - Invalid Date</p> <p>010 - Total Out of Balance</p> <p>011 - Not Matching</p> <p>012 - Invalid Combination</p> <p>024 - Other Unlisted Reason</p> <p>500 - Misrouted Freight Bill</p> <p>803 - Missing or Invalid Payment Method Code</p> <p>RAT - No Rate Available</p> <p>ZZZ - Mutually Defined</p>																
22		Application Advice Message		M AN 1/60	2	70		1	>1	2	TED	TED02	3	O AN 1/60		
23		SE SEGMENT - Application Compliance Acknowledgement Trailer		M	2	90	M	1								
24		Number of Included Segments		M NO 1/10	2	90		1				SE01	96	M NO 1/10		
<p>Total segments in this transaction set including the ST and SE segments.</p>																
25		Transaction Set Control Number		M AN 4/9	2	90		1				SE02	329	M AN 4/9		
<p>This data element ends the transaction set and should match the number that appears in the ST02 that begins the transaction set.</p>																

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Section 5.0

IC ELEMENTS IN EDI FORMAT

This appendix contains three sets of examples compliance acknowledgement in the ASC X12 Transaction Set 824 format:

858 Freight Bill of Lading Rejection,
1085 Domestic Route Order Request, and
Rail Carrier Shipment Information.

How to Read the Examples

Each example approximates a complete X12 transaction. Each example begins with a transaction header segment (ST) and ends with a transaction trailer segment (SE) and represents a complete transaction unless otherwise noted. Data element separators are delimited with a tilde (“~”). Sub-element separators are delimited with a colon (“:”). The new line (“n/l”) character delimits end of segment.

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EXAMPLES - Seven Bill of Lading Application Compliance Acknowledgements

ST~824~000000001 n/l
BGN~11~858-BOL~20010424 n/l
N1~FR~MTMC~27~CQNL n/l
OTI~TR~BM~M1442498 n/l
TED~ZZZ~BOL REJECTION n/l
TED~ZZZ~DUPLICATE BOL n/l
SE~7~000000001 n/l

ST~824~000000002 n/l
BGN~11~858-BOL~20010424 n/l
N1~FR~MTMC~27~CQNL n/l
OTI~TE~BM~M1442491 n/l
TED~ZZZ~POST COSTING ERRORS n/l
TED~ZZZ~INVALID/EXPIRED TENDER n/l
SE~7~000000002 n/l

ST~824~000000003 n/l
BGN~11~858-BOL~20010424 n/l
N1~FR~MTMC~27~CQNL n/l
OTI~TA~BM~M2952814 n/l
TED~ZZZ~BOL ACCEPTED BY CFM n/l
SE~6~000000003 n/l

ST~824~000000004 n/l
BGN~11~858-BOL~20010102 n/l
N1~FR~MTMC~27~CANX n/l
OTI~TE~BM~M2847509 n/l
TED~ZZZ~GBL Rejection Notice (saved with errors) n/l
TED~ZZZ~Post-Costing errors n/l
TED~ZZZ~Invalid/expired Tender n/l
SE~08~000000004 n/l

ST~824~000000005 n/l
BGN~11~858-BOL~20010102 n/l
N1~FR~MTMC~27~CANX n/l

OTI~TA~BM~G9003368 n/l
TED~ZZZ~GBL Acceptance Notice n/l
TED~ZZZ~GBL G9003368 Accepted by CFM n/l
SE~07~000000005 n/l

ST~824~000000006 n/l
BGN~11~858-BOL~20010102 n/l
N1~IU~~27~CANX n/l
OTI~TE~BM~M2847508 n/l
TED~ZZZ~GBL Rejection Notice (Saved With Errors) n/l
TED~ZZZ~Oversized Dimensions (125L/88W/59H) not supported for modes K,L,M n/l
TED~ZZZ~Invalid/Expired Tender n/l
SE~8~000000006 n/l

ST~824~000000007 n/l
BGN~11~858-BOL~20010131 n/l
N1~FR~MTMC~27~DOSQ n/l
OTI~TE~BM~G7893892 n/l
TED~ZZZ~Bol Rejection Notice (Saved With Errors) n/l
TED~ZZZ~Not on File Origin SCAC CNRL n/l
TED~ZZZ~Invalid Commodity Code Format NMFC 984133 n/l
TED~ZZZ~Commodity Type Not Compatible With Mode E n/l
TED~ZZZ~984133 Is Not A Rail Or Tofc/Cofc Commodity n/l
SE~10~000000007 n/l

EXAMPLES - Six Rail Status Application Compliance Acknowledgements

ST~824~000020001 n/l

BGN~00~404~20001212~07590000 n/l

OTI~TE~BM~G2456081~~~~~9~0005~404 n/l

REF~EQ~DODX 40170 n/l

REF~WY~751704 n/l

TED~024~SHIPPER/AGENT/ROUTE CODE IS REQUIRED. n/l

TED~024~ROAD/JUNCTION/ROAD IS INVALID. n/l

TED~024~ORIGIN ROAD DOES NOT SERVE ORIGIN. n/l

TED~024~PATRON CODE IS REQUIRED (TP CUSTOMER) n/l

TED~024~LADING WEIGHT IS REQUIRED. n/l

TED~024~PRICE AUTHORITY IN THE CONTRACT IS INVALID. n/l

TED~024~ERRORS IN WAYBILL n/l

SE~14~000020001 n/l

ST~824~000030001 n/l

BGN~00~404~20001212~07590000 n/l

OTI~TE~BM~G2776769~~~~~9~0001~404 n/l

REF~EQ~USAX 29387 n/l

REF~WY~590802 n/l

TED~024~CITY/STATE ARE INVALID. n/l

TED~024~ORIGIN ROAD DOES NOT SERVE ORIGIN. n/l

TED~024~CITY/STATE ARE INVALID (TP OR RU CUSTOMER) n/l

TED~024~PATRON CODE IS REQUIRED (TP CUSTOMER) n/l

TED~024~PACKAGE TYPE CODE IS INVALID. n/l

TED~024~STCC MUST BEGIN WITH "48" OR "49" FOR HAZARDOUS SHIPMENT n/l

TED~024~STCC NUMBER IS INVALID. n/l

TED~024~PACKAGE TYPE CODE IS INVALID. n/l

TED~024~INVALID HAZARDOUS CLASS. VALID VALUE(S): NOT REQUIRED n/l

TED~024~PACKAGE GROUP IS NOT REQUIRED FOR THIS STCC: 1991155 n/l

TED~024~STCC NOT FOUND IN PROPER SHIPPING NAME TABLE. n/l

TED~024~PROPER SHIPPING NAME DOES NOT MATCH STCC. n/l

TED~024~PRICE AUTHORITY IN THE CONTRACT IS INVALID. n/l

TED~024~ERRORS IN WAYBILL n/l

SE~21~000030001 n/l

ST~824~000040001 n/l
BGN~00~404~20001212~07590000 n/l
OTI~TR~BM~G2396876~~~~~9~0010~404 n/l
REF~EQ~BNSF214567 n/l
REF~WY~590799 n/l
TED~024~CURRENT BILL IS HAZARDOUS BUT NEW BILL IS NOT. n/l
TED~024~ERRORS IN WAYBILL n/l
SE~9~000040001 n/l

ST~824~000050001 n/l
BGN~00~404~20001212~07590000 n/l
OTI~TR~BM~G2396876~~~~~9~0011~404 n/l
REF~EQ~BNSF436789 n/l
REF~WY~700887 n/l
TED~024~CURRENT BILL IS HAZARDOUS BUT NEW BILL IS NOT. n/l
TED~024~ERRORS IN WAYBILL n/l
SE~9~000050001 n/l

ST~824~000060001
BGN~00~404~20001212~07590000 n/l
OTI~TR~BM~G2396876~~~~~9~0012~404 n/l
REF~EQ~BNSF426789 n/l
REF~WY~700888 n/l
TED~024~CURRENT BILL IS HAZARDOUS BUT NEW BILL IS NOT. n/l
TED~024~ERRORS IN WAYBILL n/l
SE~9~000060001 n/l

ST~824~000070001 n/l
BGN~00~404~20001212~07590000 n/l
OTI~TR~BM~G2396876~~~~~9~0013~404 n/l
REF~EQ~BNSF416789 n/l
REF~WY~700886 n/l
TED~024~CURRENT BILL IS HAZARDOUS BUT NEW BILL IS NOT. n/l
TED~024~ERRORS IN WAYBILL n/l
SE~9~000070001 n/l

EXAMPLES - Three 1085 Domestic Route Order Request Compliance Acknowledgments

ST~824~111640004 n/l
BGN~11~858-DRO~20010613 n/l
N1~FR~MTMC~10~FB4819 n/l
OTI~TC~SI~CPFL111640004 n/l
TED~ZZZ~1085 CPFL111640004 Accepted by CFM n/l
SE~8~111640004 n/l

ST~824~111640002 n/l
BGN~11~858-DRO~20010613 n/l
N1~FR~MTMC~10~FB4819 n/l
OTI~TR~SI~CPFL111640002 n/l
TED~ZZZ~'[Mode: B Conv: 01 Comm: 120820] Inactive Commodity Code n/l
TED~ZZZ~used.' n/l
SE~9~111640002 n/l

ST~824~111640001 n/l
BGN~11~858-DRO~20010613 n/l
N1~FR~MTMC~10~FB6352 n/l
OTI~TA~SI~EPFL111640001 n/l
TED~ZZZ~1085 EPFL111640001 Accepted by CFM n/l
SE~8~111640001 n/l