



Department
of
Defense

DoD
Transportation
Electronic Business
(DTEB) Convention

ASC X12 Transaction Set 602
Transportation Services Tender
(Version 004010) – Voluntary Tender
of Air Freight Services

VERSION 0

December 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 (SDDC) and the Department of Defense (DoD) will use to process The Standard Tender of Air Freight Services (MT FORM 364-R). This convention supports SDDC's voluntary air tender program. [The copyright on the ASC X12 standards is held by the Data Interchange Standards Association on behalf of ASC X12.](#)

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

For the most recent publication, go to the World-Wide Web at

https://cris.transcom.mil/cris/dteb/ic/trans_ics.cfm

[Note: To access the publication, you must have an Information Tool Suite (ITS) account.]

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 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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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
			<u>Date in YYMMDD format assigned by translation software</u>	
M	ISA10	I09	Interchange Time Time of the interchange	M DT 4/4
			<u>Time in HHMM format assigned by translation software</u>	
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
			<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
			<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>Version/release of control segment, as agreed upon by the trading partners</u>	
M	ISA13	I12	Interchange Control Number A control number assigned by the interchange sender	M N0 9/9
			<u>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.</u>	
M	ISA14	I13	Acknowledgment Requested Code sent by the sender to request an interchange acknowledgment (TA1)	M ID 1/1
			<u>Code</u>	<u>Definition</u>
			0	No Acknowledgment Requested
			1	Interchange Acknowledgment Requested
			<u>Send code agreed upon by trading partners.</u>	

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;">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;">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;">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%;"> <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%;"> <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;">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 the Transportation Services Tender using the ASC X12 602 Transportation Services Tender (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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602 Transportation Services Tender

Functional Group ID= **TS**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Transportation Services Tender Transaction Set (602) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to communicate rates and tender information. The transaction set permits the transmission of one docket containing all data for tender, such as names of parties, commodities, location points, shipment conditions, notes, rates (point-to-point, scale), and other charges. This transaction set is used by a carrier to submit a new tender or amendments to an existing tender. This transaction set is also used by the government to distribute transportation rates to interested parties. This transaction set fulfills the U.S. government requirements for tender offers but is not restricted to government use only. This transaction set is multidirectional between trading parties.

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	DK	Docket Header	M	1	
	Must Use	030	PRI	External Reference Identifier	O	12	
	Not Used	040	SS	Docket Control Status	O	1	
		050	SA	Status Action	O	5	
		060	NTE	Note/Special Instruction	O	5	
	Must Use	070	CD	Shipment Conditions	O	20	
						LOOP ID - 0100	200
	Must Use	080	N1	Name	O	1	
	Not Used	090	N2	Additional Name Information	O	2	
		100	N3	Address Information	O	2	
		110	N4	Geographic Location	O	1	
		120	N9	Reference Identification	O	12	
	Must Use	130	PER	Administrative Communications Contact	O	200	
						LOOP ID - 0200	100
	Must Use	140	PR	Product (Commodity)	O	1	
		150	NTE	Note/Special Instruction	O	10	
	Must Use	160	CD	Shipment Conditions	O	10	

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 - 0300	99
		010	SB	Docket Level	O	1	
	Not Used	020	GY	Geography	O	999	
						LOOP ID - 0310	400
	Must Use	030	SC	Docket Sub-level	O	1	
		040	GY	Geography	O	9999	
	Not Used	050	CD	Shipment Conditions	O	100	
						LOOP ID - 0311	10
	Not Used	060	RA	Rate Header	O	1	

Not Used	070	RB	Rate/Minimum Detail	O	8
Not Used	080	FK	Factor	O	15
LOOP ID - 0312					20
Not Used	090	RH	Personal Property Rate	O	1
Not Used	100	N9	Reference Identification	O	30
LOOP ID - 0320					999
Must Use	110	SRT	Scale Rate Header	O	1
Not Used	120	MIN	Minimum Detail	O	100
Not Used	130	SRD	Scale Rate Detail	O	200
Must Use	140	SRM	Scale Rates	O	999
Not Used	150	N9	Reference Identification	O	10
LOOP ID - 0321					200
Not Used	160	LX	Assigned Number	O	1
Not Used	170	SRD	Scale Rate Detail	O	1
LOOP ID - 0322					100
Not Used	180	SRM	Scale Rates	O	1
Not Used	190	SRA	Traffic Evaluation Factors	O	5

Summary:

	<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>
Not Used	010	MS	Miscellaneous Services	O	200		
Not Used	020	DM	Demurrage/Detention/ Storage Rate	O	5		
M	030	SE	Transaction Set Trailer	M	1		

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) 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: [1] ST SEGMENT - Air Tender Header Segment (DG 10)

Data Element Summary

Ref.	Data Element	Name	Attributes
M	ST01	143 Transaction Set Identifier Code	M ID 3/3
		Code uniquely identifying a Transaction Set	
		[2] Transaction Set Id (DG 10)	
		602 Transportation Services Tender	
		[2] Transportation Services Tender	
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	
		[3] 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.)	

Segment: **DK** Docket Header
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To assign an identification to a docket
Syntax Notes:
Semantic Notes:

- 1 DK01 is the proposing carrier Standard Carrier Alpha Code (SCAC).
- 2 DK07 is the date the docket becomes effective.
- 3 DK08 is the date the docket expires.

Comments:
Notes: [4] DK SEGMENT - Air Tender Beginning Segment (DG 10)

Data Element Summary

Ref.	Des.	Data Element	Name	Attributes
M	DK01	140	Standard Carrier Alpha Code Standard Carrier Alpha Code [5] Standard Carrier Alpha Code (DG 10) SOURCE: Directory of Standard Multi-Model Carriers and Tariff Agents Codes (SCAC-STAC), NMF 101 Series available from National Motor Freight Association, Inc.	M ID 2/4
M	DK02	697	Docket Control Number A grouping identification which, when combined with elements 140 and 690, provides a unique identity to a parcel of ratemaking activity [6] Docket Control Number (DG 10)	M AN 1/7
M	DK03	690	Docket Identification A sequence number which, when combined with elements 140 and 697, provides a unique identity to a parcel of ratemaking activity [7] Tender Number (DK Map) (DG 10)	M AN 1/11
M	DK04	691	Revision Number A number which indicates the chronological sequence of revisions and updates to a ratemaking docket [8] Tender Supplement Number (DK Map) (DG 10) If not supplement, use zero.	M N0 1/4
>>	DK05	692	Conveyance Code Code indicating rate application [9] Conveyance Mode (DG 10)	O ID 1/1
		1	Package Express [9] Package Express	
		2	Groups [9] Groups	
		A	Bus [9] Bus	
		B	Truck [9] Truck	
		C	Truck - Rail - Truck [9] Truck - Rail - Truck	
		D	Applies to deregulated (US ICC) carload rail, other than piggyback [9] Applies to deregulated (US ICC) carload rail, other than piggyback	
		E	Rail [9] Rail	

F	Rail Trailer on Flat Car/Container on Flat Car (TOFC/COFC) Door-to-Door [9] Rail Trailer on Flat Car/Container on Flat Car (TOFC/COFC) Door-to-Door
G	Rail Trailer on Flat Car/Container on Flat Car (TOFC/COFC) Plan 3 [9] Rail Trailer on Flat Car/Container on Flat Car (TOFC/COFC) Plan 3
H	Rail Trailer on Flat Car/Container on Flat Car (TOFC/COFC) Plan 4 [9] Rail Trailer on Flat Car/Container on Flat Car (TOFC/COFC) Plan 4
I	Applies to regulated intermodal traffic [9] Applies to regulated intermodal traffic
J	Air Freight [9] Air Freight
K	Air Freight Forwarder [9] Air Freight Forwarder
L	Air Taxi [9] Air Taxi
M	Multimodal [9] Multimodal
N	Surface Freight Forwarder [9] Surface Freight Forwarder
O	Water [9] Water
P	Applied To Deregulated (US ICC) Piggyback [9] Applied To Deregulated (US ICC) Piggyback
Q	Shipper Agent [9] Shipper Agent
R	Applies to regulated carload rail other than piggyback. [9] Applies to regulated carload rail other than piggyback
S	Driveaway Service [9] Driveaway Service
T	Towaway Service [9] Towaway Service
U	Driveaway and Towaway Service [9] Driveaway and Towaway Service
V	Water/Pipeline Intermodal Movements [9] Water/Pipeline Intermodal Movements
W	Shipper Agent (Truck/Rail/Truck) [9] Shipper Agent (Truck/Rail/Truck)
Y	Pipeline [9] Pipeline
Z	Shipper Association [9] Shipper Association

>> **DK06** **693** **Docket Type Code** **O** **ID 1/1**

Code indicating the revenue construction of a freight rate

[10] Docket Type (DG 10)

M	Multiple Independent Factor through Rate [10] Multiple Independent Factor through Rate
S	Single Factor through Rate

			[10] Single Factor through Rate	
>>	DK07	373	Date	O DT 8/8
			Date expressed as CCYYMMDD	
			[11] Tender Effective Date (DG 10)	
	DK08	373	Date	O DT 8/8
			Date expressed as CCYYMMDD	
			[12] Tender Expiration Date (DG 10)	
			ELEMENT CONDITION: Required on all tender transactions except cancellation supplements.	
X	DK09	346	Application Type	O ID 2/2
			Refer to 004010 Data Element Dictionary for acceptable code values.	
X	DK10	260	Group Title	O AN 2/30

Segment: **PRI** External Reference Identifier
Position: 030
Loop:
Level: Heading
Usage: Optional (Must Use)
Max Use: 12
Purpose: To identify an external reference
Syntax Notes: 1 If either PRI08 or PRI09 is present, then the other is required.
 2 If any of PRI10 PRI11 or PRI12 is present, then all are required.
Semantic Notes:
Comments:
Notes: [13] PRI SEGMENT - Tender Content Identifiers (DG 10)

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	PRI01	436	Primary Publication Authority Code Code indicating type of external reference [14] Tender Reference Use Code (DG 10) TP Tariff Publication [14] Tariff Publication	M ID 2/2
M	PRI02	168	Tariff Agency Code Code defining the tariff bureau or tariff publishing agent that governs the rates applied to this shipment [15] Carrier SCAC (PRI Map) (DG 10) Use up to 12 occurrences of the PRI segment to cancel up to 12 tenders with a single 602 transaction. SOURCE: Directory of Standard Multi-Model Carriers and Tariff Agents Codes (SCAC - STAC), NMF 101 Series available from National Motor Freight Traffic Association, Inc.	M ID 1/4
M	PRI03	171	Tariff Number Standard tariff number for the tariff which governs the rates applied to the commodity item(s) [16] Tender Number (PRI Map) (DG 10) Tender number appears in multiple segments due to X12 requirements.	M AN 1/7
X	PRI04	493	Tariff Number Suffix	O AN 1/2
>>	PRI05	173	Tariff Supplement Identifier Identifier for the tariff supplement which contains the rate used [17] Tender Supplement Number (DG 10)	O AN 1/4
	PRI06	172	Tariff Section Number used as an extension of the basic tariff number to identify the rates published within specific sections of the tariff [18] Tender Section Identifier (DG 10) ELEMENT CONDITION: Required on all tenders and supplements except cancellation supplements.	O AN 1/2
	PRI07	169	Tariff Item Number Number assigned in the tariff to specific rate or group of rates that applies to one or more items in the shipment [19] Tender Section F Item (DG 10) ELEMENT CONDITION: Required when filing MT FORM 364-R, Section F	O AN 1/16
	PRI08	128	Reference Identification Qualifier Code qualifying the Reference Identification [20] Revises/Cancel Reference Number Qualifier (DG 10) ELEMENT CONDITION: When supplementing, use code value 'R1' to revise the tender number in PRI09. When canceling, use code value 'R2' to cancel the tender number in PRI09. R1 Current Revision Number	X ID 2/3

[20] Current Revision Number

R2

Canceled Revision Number

[20] Canceled Revision Number

PRI09 127 Reference Identification X AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

[21] Revised/Cancelled Tender Number (DG 10)

ELEMENT CONDITION: Format calls for eight-position tender number. The first six digits are the original tender number. The last two digits are the supplement number.

X	PRI10	140	Standard Carrier Alpha Code	X	ID 2/4
X	PRI11	697	Docket Control Number	X	AN 1/7
X	PRI12	690	Docket Identification	X	AN 1/11
X	PRI13	691	Revision Number	O	N0 1/4
X	PRI14	260	Group Title	O	AN 2/30

Segment: SA Status Action
Position: 050
Loop:
Level: Heading
Usage: Optional
Max Use: 5
Purpose: To identify a carrier and person taking action or making changes
Syntax Notes:
Semantic Notes: 1 SA01 is the activity date.
 2 SA05 is the proposal response required date.
Comments: 1 SA03 and SA04 identify the party taking the action indicated in SA02.
Notes: [22] SA SEGMENT - Issue Information (DG 10)

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	SA01	373	Date	M DT 8/8
			Date expressed as CCYYMMDD	
			[23] Tender Issue Date (DG 10)	
M	SA02	306	Action Code	M ID 1/2
			Code indicating type of action	
			[24] Reason for Tender Transaction (DG 10)	
			1 Add	
			[24] Add	
			2 Change (Update)	
			[24] Change (Update)	
			3 Delete	
			[24] Delete	
			PS Proposal	
			[24] Proposal	
M	SA03	140	Standard Carrier Alpha Code	M ID 2/4
			Standard Carrier Alpha Code	
			[25] Carriers SCAC (DG 10)	
			SOURCE: Directory of Standard Multi-Model Carriers and Tariff Agents Codes (SCAC-STAC), NMF 101 Series available from National Motor Freight Association, Inc.	
>>	SA04	459	Name (30 Character Format)	O AN 2/30
			Free-form organization name or official title as it should appear for mailing address	
			[26] Authorized Officer/Agent Name (DG 10)	
			Either an authorized officer appears or a carrier agent appears, but not both.	
>>	SA05	373	Date	O DT 8/8
			Date expressed as CCYYMMDD	
			[27] Authorization Date (DG 10)	

Segment: **NTE** Note/Special Instruction
Position: 060
Loop:
Level: Heading
Usage: Optional
Max Use: 5
Purpose: To transmit information in a free-form format, if necessary, for comment or special instruction

Syntax Notes:

Semantic Notes:

Comments: 1 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

Notes: [28] NTE SEGMENT - Change Information (DG 10)
 Use this segment if filing a supplement.
 SEGMENT CONDITION: Use this segment if filing a supplement.

Data Element Summary

Ref.	Data Element	Name	Attributes
>>	NTE01	363 Note Reference Code	O ID 3/3
		Code identifying the functional area or purpose for which the note applies	
		[29] Nature Of Change Qualifier (DG 10)	
		CHG Change	
		[29] Change	
M	NTE02	352 Description	M AN 1/80
		A free-form description to clarify the related data elements and their content	
		[30] Nature Of Change (DG 10)	

Segment: **CD** Shipment Conditions
Position: 070
Loop:
Level: Heading
Usage: Optional (Must Use)
Max Use: 20
Purpose: To specify condition restrictions or provisions applicable to the rate docket
Syntax Notes:

- 1 If CD03 is present, then CD02 is required.
- 2 If CD04 is present, then CD02 is required.
- 3 If CD05 is present, then CD02 is required.
- 4 If any of CD08 CD09 or CD10 is present, then all are required.
- 5 If CD11 is present, then all of CD08 CD09 and CD10 are required.

Semantic Notes:

- 1 CD08 is the Standard Carrier Alpha Code (SCAC) of the group docket owner.

Comments:

Notes:

[31] CD SEGMENT - Application (DG 10)
 [36] CD SEGMENT - Operating Authority (DG 10)
 [42] CD SEGMENT - Distribution (DG 10)
 [46] CD SEGMENT - Governing Publications (DG 10)
 [52] CD SEGMENT - Type of Rates (DG 10)

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
M	CD01	495 Condition Segment Logical Connector	M AN 1/3
		Code indicating how a specific segment's statement of a rate restriction is evaluated, and its relationship to rate restrictions stated within other segments of the same segment definition.	
		[32] Application - Logical Connector (DG 10)	
		[37] Operating Authority - Logical Connector (DG 10)	
		[43] Tender Distribution - Logical Connector (DG 10)	
		[47] Governing Publications - Logical Connector (DG 10)	
		[53] Combination/Proportional Rates - Logical Connector (DG 10)	
>>	CD02	498 Condition Code	X ID 4/4
		Code defined in the official railway equipment register which identifies the type of restriction or provision applicable to a rate; when combined with element 499, a specific rate restriction or provision is represented	
		[33] Application - Condition Code (DG 10)	
		[38] Operating Authority - Condition Code (DG 10)	
		[44] Tender Distribution - Condition Code (DG 10)	
		[48] Governing Publications - Condition Code (DG 10)	
		[54] Combination/Proportional Rates - Condition Code (DG 10)	
>>	CD03	499 Condition Value	O AN 1/10
		Identifies rate restrictions or provisions	
		[34] Application Code (DG 10)	
		[39] Operating Authority - 1st (DG 10)	
		Actual certificate number. Rail carriers send the character string 'EXEMPT'.	
		[45] Tender Distribution (DG 10)	
		Use value 'LT10N' for less than 10,000 lb., value 'GT10N' for greater than 10,000 lb., or value 'TL' for both less than and greater than 10,000 lb.	
		[49] Actual Governing Publications (DG 10)	
		[55] Combination/Proportional Rates (DG 10)	
	CD04	499 Condition Value	O AN 1/10
		Identifies rate restrictions or provisions	
		[35] Application Intrastate State Code (DG 10)	
		ELEMENT CONDITION: Use two-digit state code if intrastate rates are filed. Otherwise, do not use this element.	
		[40] Operating Authority - 2nd (DG 10)	
		ELEMENT CONDITION: Use for additional operating authority.	
		[50] Additional Governing Publications (DG 10)	

			ELEMENT CONDITION: Use for additional governing publications	
	CD05	499	Condition Value	O AN 1/10
			Identifies rate restrictions or provisions	
			[41] Operating Authority - 3rd (DG 10)	
			ELEMENT CONDITION: Use for additional operating authority.	
			[51] Additional Governing Publications (DG 10)	
			ELEMENT CONDITION: Use for additional governing publications	
X	CD06	554	Assigned Number	O N0 1/6
X	CD07	259	Change Type Code	O ID 1/1
			Refer to 004010 Data Element Dictionary for acceptable code values.	
X	CD08	140	Standard Carrier Alpha Code	X ID 2/4
X	CD09	697	Docket Control Number	X AN 1/7
X	CD10	690	Docket Identification	X AN 1/11
X	CD11	260	Group Title	O AN 2/30

Segment: **N1** Name
Position: 080
Loop: 0100 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
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: [56] N1 SEGMENT - Issuing Carrier (DG 70)

Data Element Summary

Ref.	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	
		[57] Issuing Carrier Qualifier (DG 70)	
		BO Broker or Sales Office	
		[57] Broker or Sales Office	
		TI Tariff Issuer	
		[57] Tariff Issuer	
X	N102	93 Name	X AN 1/60
>>	N103	66 Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
		[58] Carriers SCAC Qualifier (DG 70)	
		2 Standard Carrier Alpha Code (SCAC)	
		[58] Standard Carrier Alpha Code (SCAC)	
>>	N104	67 Identification Code	X AN 2/80
		Code identifying a party or other code	
		[59] Carriers SCAC (N1 Map) (DG 70)	
X	N105	706 Entity Relationship Code	O ID 2/2
		Refer to 004010 Data Element Dictionary for acceptable code values.	
X	N106	98 Entity Identifier Code	O ID 2/3
		Refer to 004010 Data Element Dictionary for acceptable code values.	

Segment: N3 Address Information
Position: 100
Loop: 0100 Optional (Must Use)
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:
Notes: [60] N3 SEGMENT - Carrier Address (DG 70)

Data Element Summary

	Ref.	Data	Name	Attributes
	Des.	Element		
M	N301	166	Address Information Address information [61] Carrier Address (DG 70)	M AN 1/55
X	N302	166	Address Information	O AN 1/55

Segment: **N4 Geographic Location**
Position: 110
Loop: 0100 Optional (Must Use)
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1 If N406 is present, then N405 is required.
Semantic Notes:
Comments: 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2 N402 is required only if city name (N401) is in the U.S. or Canada.
Notes: [62] N4 SEGMENT - Carrier Address (DG 70)

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
>>	N401	19 City Name	O AN 2/30
		Free-form text for city name	
		[63] City Name (DG 70)	
>>	N402	156 State or Province Code	O ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency	
		[64] State or Province Code (DG 70)	
		Use standard two-position state abbreviation.	
		SOURCE: National Zip Code and Post Office Directory available from U.S. Postal Service National Information Data Center	
>>	N403	116 Postal Code	O ID 3/15
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	
		[65] Postal Code (DG 70)	
		SOURCE: National ZIP Code and Post Office Directory, Publication 65 available from U.S Postal Service; The USPS Domestic Mail Manual available from New Orders Superintendent of Documents	
X	N404	26 Country Code	O ID 2/3
X	N405	309 Location Qualifier	X ID 1/2
		Refer to 004010 Data Element Dictionary for acceptable code values.	
X	N406	310 Location Identifier	O AN 1/30

Segment: **N9 Reference Identification**
Position: 120
Loop: 0100 Optional (Must Use)
Level: Heading
Usage: Optional
Max Use: 12
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:

- 1 At least one of N902 or N903 is required.
- 2 If N906 is present, then N905 is required.
- 3 If either C04003 or C04004 is present, then the other is required.
- 4 If either C04005 or C04006 is present, then the other is required.

Semantic Notes:

- 1 N906 reflects the time zone which the time reflects.
- 2 N907 contains data relating to the value cited in N902.

Comments:
Notes: [66] N9 SEGMENT - Distribution Number (DG 70)
This segment is used only by SDDC to provide GSA with distribution information.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N901	128	Reference Identification Qualifier Code qualifying the Reference Identification [67] Distribution Number Qualifier (DG 70) AH Agreement Number [67] Agreement Number	M ID 2/3
>>	N902	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier [68] Distribution Number (DG 70)	X AN 1/30
X	N903	369	Free-form Description	X AN 1/45
>>	N904	373	Date Date expressed as CCYYMMDD [69] Distribution Date (DG 70)	O DT 8/8
X	N905	337	Time	X TM 4/8
X	N906	623	Time Code Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2
X	N907	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O
X	C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/3
X	C04002	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
X	C04003	128	Reference Identification Qualifier Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/3
X	C04004	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
X	C04005	128	Reference Identification Qualifier Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/3
X	C04006	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment: **PER Administrative Communications Contact**
Position: 130
Loop: 0100 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
Max Use: 200
Purpose: To identify a person or office to whom administrative communications should be directed
Syntax Notes:

- 1 If either PER03 or PER04 is present, then the other is required.
- 2 If either PER05 or PER06 is present, then the other is required.
- 3 If either PER07 or PER08 is present, then the other is required.

Semantic Notes:
Comments:

Notes: [70] PER SEGMENT - Issuing Carrier Phone (DG 70)
 [74] PER SEGMENT - Issuing Carrier Officer/Agent (DG 70)

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	PER01	366	Contact Function Code	M ID 2/2
			Code identifying the major duty or responsibility of the person or group named	
			[71] Phone Number Contact Qualifier (DG 70)	
			[75] Authorized Officer/Agent Contact Qualifier (DG 70)	
			SC Schedule Contact	
			[71] Schedule Contact	
			TD Tender Developer	
			[75] Tender Developer	
	PER02	93	Name	O AN 1/60
			Free-form name	
			[76] Authorized Officer/Agent Name (DG 70)	
>>	PER03	365	Communication Number Qualifier	X ID 2/2
			Code identifying the type of communication number	
			[72] Phone Number Qualifier (DG 70)	
			[77] Authorized Officer/Agent Phone Number Qualifier (DG 70)	
			TE Telephone	
			[72] Telephone	
			[77] Telephone	
>>	PER04	364	Communication Number	X AN 1/80
			Complete communications number including country or area code when applicable	
			[73] Phone Number (DG 70)	
			[78] Authorized Officer/Agent Phone Number (DG 70)	
X	PER05	365	Communication Number Qualifier	X ID 2/2
			Refer to 004010 Data Element Dictionary for acceptable code values.	
X	PER06	364	Communication Number	X AN 1/80
X	PER07	365	Communication Number Qualifier	X ID 2/2
			Refer to 004010 Data Element Dictionary for acceptable code values.	
X	PER08	364	Communication Number	X AN 1/80
X	PER09	443	Contact Inquiry Reference	O AN 1/20

Segment: **PR** Product (Commodity)
Position: 140
Loop: 0200 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
Max Use: 1
Purpose: To identify the commodity to which the application of a rate docket is restricted
Syntax Notes: 1 If PR03 is present, then PR02 is required.
2 If PR04 is present, then both PR02 and PR03 are required.
3 If any of PR06 PR07 or PR08 is present, then all are required.
Semantic Notes: 1 PR03 indicates actual commodity code when PR04 is omitted. If PR03 and PR04 are present, PR03 indicates the low value of range and PR04 indicates the high value of range.
2 PR06 is the Standard Carrier Alpha Code (SCAC) of the group docket owner.
Comments:
Notes: [79] PR SEGMENT - Commodity (DG 90)
Repeat this PR loop for each commodity. Repeat this PR loop for each commodity.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	PR01	699	Commodity/Geographic Logical Connector Code	M ID 1/1
			Code identifying how a specific segment's statement of a rate restriction is evaluated and its relationship to rate restrictions stated within other segments of the same segment definition	
			[80] Commodities Class Used - Logical Connector (DG 90)	
		P	If one or more segments of a given segment definition contain this element indicating a '+' value, rate application requires satisfaction of the restriction stated on at least one of those segments, so indicated; In the event that rate restrictions on two segments of similar definition are satisfied, one segment containing this element indicating a '+' value and the other segment indicating a '-', rate application is denied. In other words, a minus takes precedence over a plus.	
			[80] If one or more segments of a given segment definition contain this element indicating a '+' value, rate application requires satisfaction of the restriction stated on at least one of those segments, so indicated; In the event that rate restrictions on two segments of similar definition are satisfied, one segment containing this element indicating a '+' value and the other segment indicating a '-', rate application is denied. In other words, a minus takes precedence over a plus.	
>>	PR02	23	Commodity Code Qualifier	X ID 1/1
			Code identifying the commodity coding system used for Commodity Code	
			[81] Commodities Class Used - Code Qualifier (DG 90)	
		D	Department of Defense Unique Codes	
			[81] Department of Defense Unique Codes	
		N	National Motor Freight Classification (NMFC)	
			[81] National Motor Freight Classification (NMFC)	
>>	PR03	22	Commodity Code	X AN 1/30
			Code describing a commodity or group of commodities	
			[82] Commodities Code (DG 90)	
			DoD unique codes may occur with NMFC. Maximum of 16 commodities can be described on a single tender.	
X	PR04	22	Commodity Code	O AN 1/30
X	PR05	259	Change Type Code	O ID 1/1

Refer to 004010 Data Element Dictionary for acceptable code values.

X	PR06	140	Standard Carrier Alpha Code	X	ID 2/4
X	PR07	697	Docket Control Number	X	AN 1/7
X	PR08	690	Docket Identification	X	AN 1/11
X	PR09	260	Group Title	O	AN 2/30

Segment: **NTE** Note/Special Instruction
Position: 150
Loop: 0200 Optional (Must Use)
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To transmit information in a free-form format, if necessary, for comment or special instruction

Syntax Notes:

Semantic Notes:

Comments: 1 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

Notes: [83] NTE SEGMENT - Commodity (DG 90)

Data Element Summary

Ref.	Data Element	Name	Attributes
>>	NTE01	363 Note Reference Code	O ID 3/3
		Code identifying the functional area or purpose for which the note applies	
		[84] Commodity Code (DG 90)	
		LIN Line Item	
		[84] Line Item	
M	NTE02	352 Description	M AN 1/80
		A free-form description to clarify the related data elements and their content	
		[85] Commodity Description (DG 90)	

Segment: **CD** Shipment Conditions
Position: 160
Loop: 0200 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
Max Use: 10
Purpose: To specify condition restrictions or provisions applicable to the rate docket
Syntax Notes:

- 1 If CD03 is present, then CD02 is required.
- 2 If CD04 is present, then CD02 is required.
- 3 If CD05 is present, then CD02 is required.
- 4 If any of CD08 CD09 or CD10 is present, then all are required.
- 5 If CD11 is present, then all of CD08 CD09 and CD10 are required.

Semantic Notes:

- 1 CD08 is the Standard Carrier Alpha Code (SCAC) of the group docket owner.

Comments:
Notes:

[86] CD SEGMENT - Release Value (Assigned) (DG 90)
 Use this segment when an assigned release value applies. There should be one commodities release value CD segment for every commodity code PR segment.
 [91] CD SEGMENT - Release Value (Unassigned) (DG 90)
 Use this segment when an unassigned release value applies. There should be one commodities release value CD segment for every commodity code PR segment.

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	CD01	495 Condition Segment Logical Connector	M AN 1/3
		Code indicating how a specific segment's statement of a rate restriction is evaluated, and its relationship to rate restrictions stated within other segments of the same segment definition. [87] Commodities Release Value (Assigned) - Logical Connector (DG 90) [92] Commodities Release Value (Unassigned) - Logical Connector (DG 90)	
>>	CD02	498 Condition Code	X ID 4/4
		Code defined in the official railway equipment register which identifies the type of restriction or provision applicable to a rate; when combined with element 499, a specific rate restriction or provision is represented [88] Commodities Release Value (Assigned) - Condition Code (DG 90) [93] Commodities Release Value (Unassigned) - Condition Code (DG 90)	
>>	CD03	499 Condition Value	O AN 1/10
		Identifies rate restrictions or provisions [89] Commodities Release Value (Assigned) (DG 90) [94] Commodities Release Value (Unassigned) (DG 90) If full release value applies, send zero in this data element. If a decimal is needed to express this rate, it must be included.	
>>	CD04	499 Condition Value	O AN 1/10
		Identifies rate restrictions or provisions [90] Release Value Unit of measure (DG 90) [95] Release Value Unit of Measure (DG 90)	
X	CD05	499 Condition Value	O AN 1/10
X	CD06	554 Assigned Number	O N0 1/6
X	CD07	259 Change Type Code	O ID 1/1
		Refer to 004010 Data Element Dictionary for acceptable code values.	
X	CD08	140 Standard Carrier Alpha Code	X ID 2/4
X	CD09	697 Docket Control Number	X AN 1/7
X	CD10	690 Docket Identification	X AN 1/11
X	CD11	260 Group Title	O AN 2/30

Segment: **SB** Docket Level
Position: 010
Loop: 0300 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To indicate the docket level
Syntax Notes:
Semantic Notes:
Comments:
Notes:

[96] SB SEGMENT - Section G Point-to-Point Air Rates (DG 100)
 [118] SB SEGMENT - Section H Territorial Air Rates (DG 600)
 [181] SB SEGMENT - Section I CONUS-to-CONUS Air Rates (DG 700)
 [194] SB SEGMENT - Section F, Accessorial/Protective Services (DG 900)

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Level</u>	<u>M</u> <u>N0</u> <u>1/2</u>
M	SB01	496	

A code which identifies the second hierarchical level of a docket; this code provides a unique identification for a subset of rates within a docket when combined with data element 497

[97] Tender Section G (Docket Level) (DG 100)
 [119] Tenders Section H (Docket Level) (DG 600)
 [182] Tender Section I (Docket Level) (DG 700)
 [195] Tenders Section F (DG 900)

Segment: SC Docket Sub-level
Position: 030
Loop: 0310 Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Purpose: To indicate the docket sub-level
Syntax Notes:
Semantic Notes:
Comments:
Notes:

[98] SC SEGMENT - Section G Point-to-Point Air Rates (DG 110)
This segment begins DataGroup 110, routing information. For every occurrence of DataGroup 110, there must be an occurrence of DataGroup 120. This segment begins DataGroup 110, routing information. For every occurrence of DataGroup 110, there must be an occurrence of DataGroup 120.

[120] SC SEGMENT - Section H Territorial Air Rates (DG 610)
Routing consists of either all (F)roms and (T)os or all (F)roms and (B)etweens. Tos and Betweens cannot occur in the same routing. Routing consists of either all (F)roms and (T)os or all (F)roms and (B)etweens. Tos and Betweenes cannot occur in the same routing.

[183] SC SEGMENT - Section I CONUS-to-CONUS Air Rates (DG 710)
[196] SC SEGMENT - Section F, Accessorial/Protective Services (DG 900)

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	SC01	496	Level	M N0 1/2
			A code which identifies the second hierarchical level of a docket; this code provides a unique identification for a subset of rates within a docket when combined with data element 497	
			[99] Docket Sub-Level (DG 110)	
			[121] Docket Sub-Level (DG 610)	
			[184] Docket Sub Level (DG 710)	
			[197] Docket Sub Level (DG 900)	
M	SC02	497	Sub Level	M AN 1/3
			A code identifying the third hierarchical level of a docket; this code provides a unique identification for a subset of rates within a docket when combined with data element 496	
			[100] Docket Sub-Level (DG 110)	
			[122] Docket Sub-Level (DG 610)	
			[185] Docket Sub Level (DG 710)	
			[198] Docket Sub Level (DG 900)	

Segment:	GY Geography
Position:	040
Loop:	0310 Optional (Must Use)
Level:	Detail
Usage:	Optional
Max Use:	9999
Purpose:	To define the geographic region from or to which a rate docket applies
Syntax Notes:	<ol style="list-style-type: none"> 1 If GY05 is present, then GY03 is required. 2 If GY06 is present, then GY05 is required. 3 If any of GY09 GY10 or GY11 is present, then all are required. 4 If GY12 is present, then all of GY09 GY10 and GY11 are required. 5 If either GY13 or GY14 is present, then the other is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 If GY01 is "B" (between) in this iteration of the loop, it must be "B" in the corresponding iteration of the loop. If GY01 is "F" (from) in this iteration of the loop, it must be "T" (to) in the corresponding iteration of the loop. If GY01 is "T" (to) in this iteration of the loop, it must be "F" (from) in the corresponding iteration of the loop. 2 If GY02 is "M" (minus), there must be at least one GY02 that is "P" (plus) within the same loop. 3 GY07 is the Standard Carrier Alpha Code (SCAC) of the location stated in GY05 and GY06. 4 GY09 is the Standard Carrier Alpha Code (SCAC) of the docket owner. 5 If GY15 is "Y", then the location named in GY04 through GY07 will include revenue switching areas. If "N", then this will not include revenue switching areas.
Comments:	<ol style="list-style-type: none"> 1 If both GY05 and GY06 are present, a range is indicated.
Notes:	<p>[101] GY SEGMENT - Section G Origins and Destinations (DG 110) Use a single occurrence of this segment to describe each location.</p> <p>[123] GY SEGMENT - Section H Origin (Exception Points) (DG 610) Use when exception points apply.</p> <p>[128] GY SEGMENT - Section H Origin (SPLC) (DG 610)</p> <p>[132] GY SEGMENT - Section H Origin (All Points) (DG 610)</p> <p>[136] GY SEGMENT - Section H Origin (Region) (DG 610)</p> <p>[140] GY SEGMENT - Section H Origin (State/Province) (DG 610) Use this segment if 'From State/Province' applies.</p> <p>[144] GY SEGMENT - Section H Origin (Zone) (DG 610)</p> <p>[148] GY SEGMENT - Section H Destination (SPLC) (DG 610) Use this segment if 'To/Between SPLC' applies.</p> <p>[152] GY SEGMENT - Section H Destination (All Points) (DG 610)</p> <p>[156] GY SEGMENT - Section H Destination (Region) (DG 610)</p> <p>[160] GY SEGMENT - Section H Destination (State/Province) (DG 610)</p> <p>[164] GY SEGMENT - Section H Destination (Zone) (DG 610)</p>

Data Element Summary

Ref.	Data	Attributes
<u>Des.</u>	<u>Element</u> <u>Name</u>	<u>M</u> <u>ID</u> <u>I/1</u>
M	262 Geography Qualifier Code Code indicating geographic usage for tariff application [102] Geography Qualifier Code (DG 110) [124] Exception Point Qualifier (DG 610) Maximum of 6 exception points per tender. [129] SPLC Origin (From) Qualifier (DG 610) [133] All Points Origin (From) Qualifier (DG 610) [137] Region Origin (From) Qualifier (DG 610) [141] State Origin (From) Qualifier (DG 610) [145] Origin Zone (From) Qualifier (DG 610) [149] SPLC Destination (To) Qualifier (DG 610) [153] All Points Destination Qualifier (DG 610) [157] Region Destination Qualifier (DG 610) [161] State Destination Qualifier (DG 610) Use this segment if 'Destination State/Province' applies.	

[165] Destination Zone Qualifier (DG 610)

B	Between
	[102] Between
	[149] Between
	[153] Between
	[157] Between
	[161] Between
	[165] Between
F	From
	[102] From
	[124] From
	[129] From
	[133] From
	[137] From
	[141] From
	[145] From
T	To
	[102] To
	[124] To
	[149] To
	[153] To
	[157] To
	[161] To
	[165] To

>> **GY02** **699** **Commodity/Geographic Logical Connector Code** **O** **ID 1/1**

Code identifying how a specific segment's statement of a rate restriction is evaluated and its relationship to rate restrictions stated within other segments of the same segment definition

[125] Exception Point Logical Connector Code (DG 610)

M	If one or more segments of a given segment definition contain this element indicating a '-' value, rate application is denied upon satisfaction of any one of these segments, so indicated; In the event that rate restrictions on two segments of similar definition are satisfied, one segment containing this element indicating a '+' value and the other segment indicating a '-', rate application is denied. In other words, a minus takes precedence over a plus. [125] If one or more segments of a given segment definition contain this element indicating a '-' value, rate application is denied upon satisfaction of any one of these segments, so indicated; In the event that rate restrictions on two segments of similar definition are satisfied, one segment containing this element indicating a '+' value and the other segment indicating a '-', rate application is denied. In other words, a minus takes precedence over a plus.
---	--

>> **GY03** **309** **Location Qualifier** **X** **ID 1/2**

Code identifying type of location

[103] SPLC Qualifier (DG 110)
SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Government Bill of Lading Codes available from Military Traffic Management Command (MTMC)
[126] SPLC Qualifier (DG 610)
SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Government Bill of Lading Codes available from Military Traffic Management Command (MTMC)
[130] SPLC Origin Location Qualifier (DG 610)
SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Government Bill of Lading Codes available from Military Traffic Management Command (MTMC)

[134] All Points Location Qualifier (DG 610)
 SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Government Bill of Lading Codes available from Military Traffic Management Command (MTMC)

[138] Region Origin Location Qualifier (DG 610)
 SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Government Bill of Lading Codes available from Military Traffic Management Command (MTMC)

[142] State Location Qualifier (DG 610)
 SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Government Bill of Lading Codes available from Military Traffic Management Command (MTMC)

[146] Origin Zone Location Qualifier (DG 610)
 SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Government Bill of Lading Codes available from Military Traffic Management Command (MTMC)

[150] SPLC Destination Location Qualifier (DG 610)
 SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Government Bill of Lading Codes available from Military Traffic Management Command (MTMC)

[154] All Points Location Qualifier (DG 610)
 SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Government Bill of Lading Codes available from Military Traffic Management Command (MTMC)

[158] Region Location Qualifier (DG 610)
 SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Government Bill of Lading Codes available from Military Traffic Management Command (MTMC)

[162] State Location Qualifier (DG 610)
 SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Government Bill of Lading Codes available from Military Traffic Management Command (MTMC)

[166] Destination Zone Location Qualifier (DG 610)
 SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Government Bill of Lading Codes available from Military Traffic Management Command (MTMC)

AP	All Points Qualifies a code that identifies a geographic area where transportation rates apply [134] All Points [154] All Points
RG	Region Code Qualifies a code that identifies a geographic area where transportation rates apply [138] Region Code [158] Region Code
SL	U.S. SPLC [103] U.S. SPLC [126] U.S. SPLC [130] U.S. SPLC [150] U.S. SPLC
SP	State/Province [142] State/Province [162] State/Province
ZN	Zone Code Qualifies a code that identifies a geographic area where transportation rates apply [146] Zone Code [166] Zone Code

Code (Standard State/Province) as defined by appropriate government agency

[143] State Code (DG 610)

Use standard two-position state abbreviation.

SOURCE: National Zip Code and Post Office Directory available from U.S. Postal Service National Information Data Center

[163] State Code (DG 610)

Use standard two-position state abbreviation.

SOURCE: National Zip Code and Post Office Directory available from U.S. Postal Service National Information Data Center

>>	GY05	310	Location Identifier	X	AN 1/30
			Code which identifies a specific location		
			[104] SPLC (DG 110)		
			[127] SPLC of Exception Point (DG 610)		
			[131] SPLC Origin (DG 610)		
			[135] All Points Code (DG 610)		
			[139] Region Origin Code (DG 610)		
			Use two-position code with no space.		
			[147] Origin Zone Code (DG 610)		
			[151] SPLC Destination (DG 610)		
			[155] All Points Code (DG 610)		
			[159] Region Code (DG 610)		
			[167] Destination Zone Code (DG 610)		
X	GY06	310	Location Identifier	O	AN 1/30
X	GY07	140	Standard Carrier Alpha Code	O	ID 2/4
X	GY08	259	Change Type Code	O	ID 1/1
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	GY09	140	Standard Carrier Alpha Code	X	ID 2/4
X	GY10	697	Docket Control Number	X	AN 1/7
X	GY11	690	Docket Identification	X	AN 1/11
X	GY12	260	Group Title	O	AN 2/30
X	GY13	156	State or Province Code	X	ID 2/2
X	GY14	19	City Name	X	AN 2/30
X	GY15	1073	Yes/No Condition or Response Code	O	ID 1/1

Refer to 004010 Data Element Dictionary for acceptable code values.

Segment: **SRT** Scale Rate Header
Position: 110
Loop: 0320 Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Purpose: To indicate the route code and indicate the rate/value qualifier, which define the use of other scale rate segments

Syntax Notes:
Semantic Notes:
Comments:
Notes:

[105] SRT SEGMENT - Section G Point-to-Point Rates (DG 120)
 Begin DataGroup 120, MT FORM 364-R, Section G, rate table information. Repeat the SRT loop for every level of service the carrier offers on the tender. Begin DataGroup 120, MT FORM 364-R, Section G, rate table information. Repeat the SRT loop for every level of service the carrier offers on the tender.
 [168] SRT SEGMENT - Section H Territorial Air Rates (DG 620)
 There should be one SRT segment per level of service. There should be one SRT segment per level of service.
 [186] SRT SEGMENT - Section I CONUS-to-CONUS Air Rate Table (DG 720)
 [199] SRT SEGMENT - Section F, Accessorial/Protective Services (DG 900)

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	SRT01	259	Change Type Code Code indicating change type [106] Rate Update Indicator (DG 120) [169] Rate Update Indicator (DG 620) [187] Rate Update Indicator (DG 720) [200] Rate Update Indicator (DG 900) A Add Rate [106] Add Rate [169] Add Rate [187] Add Rate [200] Add Rate	M ID 1/1
>>	SRT02	1	Route Code Mutually defined route code [107] Type of Service Code (DG 120) Use value 'AA' to denote Airport to Airport Service or value 'DD' to denote Door-to-Door Service. [170] Type of Service Code (DG 620) [188] Type of Service Code (DG 720) [201] Section F Item Number (DG 900)	O AN 1/13
M	SRT03	122	Rate/Value Qualifier Code qualifying how to extend charges or interpret value [108] Service Rate Qualifier (DG 120) [171] Rate Unit Qualifier (DG 620) [189] Rate Unit Qualifier (DG 720) [202] Rate Unit Qualifier (DG 900) CW Per Hundred Weight Describes a transportation rate that applies to every one hundred pounds of total weight of an individual shipment [108] Per Hundred Weight [171] Per Hundred Weight DD Department of Defense Unique Codes [202] Department of Defense Unique Codes PS Per Shipment	M ID 2/2

X	SRT04	122	Rate/Value Qualifier	O ID 2/2
			Refer to 004010 Data Element Dictionary for acceptable code values.	
X	SRT05	632	Rate Application Type Code	O ID 1/1
			Refer to 004010 Data Element Dictionary for acceptable code values.	
>>	SRT06	320	Scale	O AN 1/10
			A carrier-maintained reference used to further identify a schedule of rates within a tariff	
			[203] Service Rate (DG 900)	
			This data element has a format of N2. This means there is an implied decimal at the second position (1.00 = 100). If there is no charge for the service use value 00.	
>>	SRT07	320	Scale	O AN 1/10
			A carrier-maintained reference used to further identify a schedule of rates within a tariff	
			[109] Level of Service Code (DG 120)	
			[172] Level of Service Code (DG 620)	
			[190] Level of Service Code (DG 720)	
			[204] Minimum Service Rate (DG 900)	
			ELEMENT CONDITION: If the service code carried in SRT 12 indicates a minimum charge/weight exists, carry the minimum in this data element.	
X	SRT08	630	Minimum/Weight Logic	O AN 1/2
X	SRT09	633	Loading Restriction	O N1 1/7
X	SRT10	633	Loading Restriction	O N1 1/7
X	SRT11	488	Percent	O N0 1/3
>>	SRT12	150	Special Charge or Allowance Code	O ID 3/3
			Code identifying type of special charge or allowance	
			[205] Service Code (DG 900)	
			Service code for security and accessorial services.	
			{See Section 6.0 (DTEDI Voluntary Air Tender Implementation Convention) for application of code values.	
			To find Section 6.0 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 6.0. That document is available in PDF format.]}	
		045	Advance Fee	
			[205] Advance Fee	
		520	Oversized Premium	
			[205] Oversized Premium	
		675	Security Signature Service	
			[205] Security Signature Service	
		BYD	Beyond Charge	
			[205] Beyond Charge	
		CIS	Constant Surveillance	
			Motor security service providing continuous surveillance and custody of a shipment in transit	
			[205] Constant Surveillance	
		DDN	Dual Driver with National Agency Check	
			A charge for a security service where a carrier must allow the government to perform a National Agency Check (NAC) on personnel involved in a government shipment	
			[205] Dual Driver with National Agency Check	
		DDP	Dual Driver Protectice Service	

Segment: **SRM** Scale Rates
Position: 140
Loop: 0320 Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 999
Purpose: To indicate rates as defined in scale rate route
Syntax Notes:
Semantic Notes:
Comments:

[110] SRM SEGMENT - Section G Rates (DG 120)
 [173] SRM SEGMENT - Section H Rates (DG 620)
 [191] SRM SEGMENT - Section I Rates (DG 720)

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
>> SRM01	60	Freight Rate Rate that applies to the specific commodity [111] Table G-1 Row 1 (DG 120) Weight break for Row 1 is 151 to 200 pounds. Enter bid in dollars and cents. [174] Table H-1 Row 1 (DG 620) Weight break for Row 1 is 151 to 500 pounds. Enter bid in dollars and cents. [192] Table I - 1 Weight (DG 720) Enter weight break for package. Use whole numbers from 1 to 150 to indicate weight.	O R 1/9
>> SRM02	60	Freight Rate Rate that applies to the specific commodity [112] Table G-1 Row 2 (DG 120) Weight break for Row 2 is 201 to 300 pounds. Enter bid in dollars and cents. [175] Table H-1 Row 2 (DG 620) Weight break for Row 2 is 501 to 1000 pounds. Enter bid in dollars and cents. [193] Table I - 1 Rate (DG 720) Enter rate for weight break. Express in dollars and cents.	O R 1/9
SRM03	60	Freight Rate Rate that applies to the specific commodity [113] Table G-1 Row 3 (DG 120) Weight break for Row 3 is 301 to 500 pounds. Enter bid in dollars and cents. [176] Table H-1 Row 3 (DG 620) Weight break for Row 3 is 1001 to 2000 pounds. Enter bid in dollars and cents.	O R 1/9
SRM04	60	Freight Rate Rate that applies to the specific commodity [114] Table G-1 Row 4 (DG 120) Weight break for Row 4 is 501 to 1000 pounds. Enter bid in dollars and cents. [177] Table H-1 Row 4 (DG 620) Weight break for Row 4 is 2001 to 3000 pounds. Enter bid in dollars and cents.	O R 1/9
SRM05	60	Freight Rate Rate that applies to the specific commodity [115] Table G-1 Row 5 (DG 120) Weight break for Row 5 is 1001 to 2000 pounds. Enter bid in dollars and cents. [178] Table H-1 Row 5 (DG 620) Weight break for Row 5 is 3001 to 4000 pounds. Enter bid in dollars and cents.	O R 1/9
SRM06	60	Freight Rate Rate that applies to the specific commodity [116] Table G-1 Row 6 (DG 120) Weight break for Row 6 is 2001 to 5000 pounds. Enter bid in dollars and cents. [179] Table H-1 Row 6 (DG 620) Weight break for Row 6 is 4001 to 5000 pounds. Enter bid in dollars and cents.	O R 1/9

	SRM07	60	Freight Rate	O R 1/9
			Rate that applies to the specific commodity	
			[117] Table G-1 Row 7 (DG 120)	
			Weight break for Row 7 is 5001 pounds and over. Enter bid in dollars and cents.	
			[180] Table H-1 Row 7 (DG 620)	
			Weight break for Row 7 is 5000 pounds and over. Enter bid in dollars and cents.	
X	SRM08	60	Freight Rate	O R 1/9
X	SRM09	60	Freight Rate	O R 1/9
X	SRM10	60	Freight Rate	O R 1/9
X	SRM11	60	Freight Rate	O R 1/9
X	SRM12	60	Freight Rate	O R 1/9
X	SRM13	60	Freight Rate	O R 1/9
X	SRM14	60	Freight Rate	O R 1/9
X	SRM15	60	Freight Rate	O R 1/9
X	SRM16	60	Freight Rate	O R 1/9

Segment: **SE** Transaction Set Trailer
Position: 030
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Syntax Notes:

Semantic Notes:

Comments: 1 SE is the last segment of each transaction set.

Notes: [207] SE SEGMENT (DG 999)

Data Element Summary

	Ref.	Data	Name	Attributes
	Des.	Element		
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	
			[208] Number of Included Segments (DG 999)	
			Total segments in this transaction set (counting 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	
			[209] Transaction Set Control Number (DG 999)	
			Must match value in ST02 of same transaction.	

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 partner needs to understand matrix record types, two categories of matrix information, the matrix layout, and the sort order of the matrix. They also need a basic understanding of ASC X12 standard structures and syntax.

Record Types

The IC Element Matrix contains two types of records: segment header records and element records.

- Segment header records. Each segment header record begins 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 (REQ).

Two Categories of Record Information

Each record contains two categories of information: IC application information and ASC X12 information.

- IC application information describes attributes about the application requirement.
- ASC X12 information. 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 ten columns.

- 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 “Reference Number Qualifier.” A segment header records identifies the segment ID in this column.
- IC Element Number (ELEM NO) enables analysts and programmers to quickly cite a record in the matrix.
- IC Data Group Number (GRP) is a number assigned by the IC developers. That number identifies an IC element with a group of elements that form a relation (database table) within the application data model. In order to quickly reference a relation, Defense transportation developers label them with a Data Group number. For example, a “Bill To Address” may belong to the “PURCHASE ORDER” relation (GRP = 10). A “Stop-off Delivery Address” may belong to the “ITEM DELIVERY” relation (GRP = 60).
- X12 Transaction Set Table Number (TBL). 1= Header Table, 2= Detail Table, 3= Summary Table.
- X12 Segment Position (POS). The position of the segment in the transaction set table.
- X12 Segment Reference Designator (REF DES). The segment ID and position of the element within the segment. (This column is blank for all segment header records.)
- X12 Simple or Composite Data Element Number (DE#). The X12 data element that occurs at the REF DES of the segment. (This column is blank for all segment header records.)
- IC Requirement Designator (REQ). In a segment header record, this column indicates the usage of the segment. In an element record, this column indicates the usage of the element within the segment, if the segment is used.
- IC Element Code List (VALUE). This column lists both X12 standard codes and application-unique codes. If the list is large, it appears in the Section 6.0 - Application Code Lists.
- IC Element Notes (DoD CONVENTION NOTES) can contain information about various segment and element attributes. Element attributes may differ from those in the X12 standard. For example, if trading partners expect to exchange a purchase order number that has a specific length and structure, those attributes are described here. Further, if a REQ is conditional, the condition is usually described here.

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 (SDDC's) Voluntary Tender Program from the Department of Defense (DoD) Standard Tender of

Freight Services into the ASC X12 Transaction Set 602 Transportation Services. DoD derived the IC elements from the following sources:

- Examination of sample paper tenders
- Analysis of MT FORM 364-R Instructions for Use
- Comparing data dictionaries of various tender application systems
- Analysis of ASC X12 Transaction Set 602 Transportation Services Tender (Version 004010)
- Comments submitted by transportation activities involved in the DoD electronic data interchange effort.

DEPARTMENT OF DEFENSE
TRANSPORTATION EDI CONVENTION

VOLUNTARY AIR TENDER
602.D.004010

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 Lvl	Lp ID	Ref Des	DE #	Attributes		
1	10	ST SEGMENT - Air Tender Header Segment	M		1	010	M	1								
2	10	Transaction Set Id 602 - Transportation Services Tender	M	ID	3/3	1	010	M	1			ST01	143	M	ID	3/3
3	10	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.)	M	AN	4/9	1	010	M	1			ST02	329	M	AN	4/9
4	10	DK SEGMENT - Air Tender Beginning Segment	M			1	020	M	1							
5	10	Standard Carrier Alpha Code SOURCE: Directory of Standard Multi-Model Carriers and Tariff Agents Codes (SCAC-STAC), NMF 101 Series available from National Motor Freight Association, Inc.	M	ID	2/4	1	020	M	1			DK01	140	M	ID	2/4
6	10	Docket Control Number	M	AN	4/4	1	020	M	1			DK02	697	M	AN	1/7
7	10	Tender Number (DK Map)	M	N0	6/6	1	020	M	1			DK03	690	M	AN	1/11
8	10	Tender Supplement Number (DK Map) If not supplement, use zero.	M	N0	1/2	1	020	M	1			DK04	691	M	N0	1/4
9	10	Conveyance Mode See Section 6 for list of data values.	M	ID	1/1	1	020	M	1			DK05	692	O	ID	1/1
10	10	Docket Type M - Multiple Independent Factor through Rate S - Single Factor through Rate	M	ID	1/1	1	020	M	1			DK06	693	O	ID	1/1
11	10	Tender Effective Date	M	DT	8/8	1	020	M	1			DK07	373	O	DT	8/8
12	10	Tender Expiration Date ELEMENT CONDITION: Required on all tender transactions except cancellation supplements.	C	DT	8/8	1	020	M	1			DK08	373	O	DT	8/8

DEPARTMENT OF DEFENSE
TRANSPORTATION EDI CONVENTION

VOLUNTARY AIR TENDER
602.D.004010

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 Lvl	Lp ID	Ref Des	DE #	Attributes	
13	10	PRI SEGMENT - Tender Content Identifiers	M	1	030	O	12							
See X12 Standards for explanation of syntax notes. P0809P101112														
14	10	Tender Reference Use Code TP - Tariff Publication	M ID 2/2	1	030	O	12				PRI01	436	M	ID 2/2
15	10	Carrier SCAC (PRI Map) Use up to 12 occurrences of the PRI segment to cancel up to 12 tenders with a single 602 transaction. SOURCE: Directory of Standard Multi-Model Carriers and Tariff Agents Codes (SCAC - STAC), NMF 101 Series available from National Motor Freight Traffic Association, Inc.	M ID 2/4	1	030	O	12				PRI02	168	M	ID 1/4
16	10	Tender Number (PRI Map) Tender number appears in multiple segments due to X12 requirements.	M N0 6/6	1	030	O	12				PRI03	171	M	AN 1/7
17	10	Tender Supplement Number	M N0 2/2	1	030	O	12				PRI05	173	O	AN 1/4
18	10	Tender Section Identifier ELEMENT CONDITION: Required on all tenders and supplements except cancellation supplements. Sample Values: F, G, H, I	C AN 1/1	1	030	O	12				PRI06	172	O	AN 1/2
19	10	Tender Section F Item ELEMENT CONDITION: Required when filing MT FORM 364-R, Section F Sample Values: 1, 2	C AN 1/1	1	030	O	12				PRI07	169	O	AN 1/16
20	10	Revises/Cancels Reference Number Qualifier ELEMENT CONDITION: When supplementing, use code value 'R1' to revise the tender number in PRI09. When canceling, use code value 'R2' to cancel the tender number in PRI09. R1 - Current Revision Number R2 - Canceled Revision Number	C ID 2/2	1	030	O	12				PRI08	128	C	ID 2/3
21	10	Revised/Cancelled Tender Number ELEMENT CONDITION: Format calls for eight-position tender number. The first six digits are the original tender number. The last two digits are the supplement number.	C N0 8/8	1	030	O	12				PRI09	127	C	AN 1/30
22	10	SA SEGMENT - Issue Information	C	1	050	O	5							
23	10	Tender Issue Date	M DT 8/8	1	050	O	5				SA01	373	M	DT 8/8

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24	10	Reason for Tender Transaction 1 - Add 2 - Change (Update) 3 - Delete PS - Proposal	M	ID	1/2	1	050	O	5			SA02	306	M	ID	1/2
25	10	Carriers SCAC SOURCE: Directory of Standard Multi-Model Carriers and Tariff Agents Codes (SCAC-STAC), NMF 101 Series available from National Motor Freight Association, Inc.	M	ID	2/4	1	050	O	5			SA03	140	M	ID	2/4
26	10	Authorized Officer/Agent Name Either an authorized officer appears or a carrier agent appears, but not both.	M	AN	2/30	1	050	O	5			SA04	459	O	AN	2/30
27	10	Authorization Date	M	DT	8/8	1	050	O	5			SA05	373	O	DT	8/8
28	10	NTE SEGMENT - Change Information SEGMENT CONDITION: Use this segment if filing a supplement. Use this segment if filing a supplement.	C			1	060	O	5							
29	10	Nature Of Change Qualifier CHG - Change	M	ID	3/3	1	060	O	5			NTE01	363	O	ID	3/3
30	10	Nature Of Change	M	AN	1/80	1	060	O	5			NTE02	352	M	AN	1/80
31	10	CD SEGMENT - Application	M			1	070	O	20							
																See X12 Standards for explanation of syntax notes. C0302C0402C0502P080910C11080910
32	10	Application - Logical Connector Sample Values: PA	M	AN	2/2	1	070	O	20			CD01	495	M	AN	1/3
33	10	Application - Condition Code Sample Values: SHTY	M	ID	4/4	1	070	O	20			CD02	498	C	ID	4/4
34	10	Application Code Sample Values: INTER, INTRA	M	AN	5/5	1	070	O	20			CD03	499	O	AN	1/10

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35	10	Application Intrastate State Code ELEMENT CONDITION: Use two-digit state code if intrastate rates are filed. Otherwise, do not use this element.	C	AN	2/2	1	070	O	20			CD04	499	O	AN	1/10
36	10	CD SEGMENT - Operating Authority	M			1	070	O	20							
																See X12 Standards for explanation of syntax notes. C0302C0402C0502P080910C11080910
37	10	Operating Authority - Logical Connector Sample Values: OA	M	AN	2/2	1	070	O	20			CD01	495	M	AN	1/3
38	10	Operating Authority - Condition Code Sample Values: AUTH	M	ID	4/4	1	070	O	20			CD02	498	C	ID	4/4
39	10	Operating Authority - 1st Actual certificate number. Rail carriers send the character string 'EXEMPT'.	M	AN	1/10	1	070	O	20			CD03	499	O	AN	1/10
40	10	Operating Authority - 2nd ELEMENT CONDITION: Use for additional operating authority.	C	AN	1/10	1	070	O	20			CD04	499	O	AN	1/10
41	10	Operating Authority - 3rd ELEMENT CONDITION: Use for additional operating authority.	C	AN	1/10	1	070	O	20			CD05	499	O	AN	1/10
42	10	CD SEGMENT - Distribution	M			1	070	O	20							
																See X12 Standards for explanation of syntax notes. C0302C0402C0502P080910C11080910
43	10	Tender Distribution - Logical Connector Sample Values: TD	M	AN	2/2	1	070	O	20			CD01	495	M	AN	1/3
44	10	Tender Distribution - Condition Code Sample Values: SHTY	M	ID	4/4	1	070	O	20			CD02	498	C	ID	4/4
45	10	Tender Distribution Use value 'LT10N' for less than 10,000 lb., value 'GT10N' for greater than 10,000 lb., or value 'TL' for both less than and greater than 10,000 lb. Sample Values: GT10N, LT10N, TL	M	AN	2/5	1	070	O	20			CD03	499	O	AN	1/10
46	10	CD SEGMENT - Governing Publications	M			1	070	O	20							
																See X12 Standards for explanation of syntax notes. C0302C0402C0502P080910C11080910
47	10	Governing Publications - Logical Connector Sample Values: GP	M	AN	2/2	1	070	O	20			CD01	495	M	AN	1/3

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48	10	Governing Publications - Condition Code Sample Values: AUTH	M	ID	4/4	1	070	O	20				CD02	498	C	ID 4/4
49	10	Actual Governing Publications	M	AN	1/10	1	070	O	20				CD03	499	O	AN 1/10
50	10	Additional Governing Publications ELEMENT CONDITION: Use for additional governing publications	C	AN	1/10	1	070	O	20				CD04	499	O	AN 1/10
51	10	Additional Governing Publications ELEMENT CONDITION: Use for additional governing publications	C	AN	1/10	1	070	O	20				CD05	499	O	AN 1/10
52	10	CD SEGMENT - Type of Rates	M			1	070	O	20							
																See X12 Standards for explanation of syntax notes. C0302C0402C0502P080910C11080910
53	10	Combination/Proportional Rates - Logical Connector Sample Values: PO	M	AN	2/2	1	070	O	20				CD01	495	M	AN 1/3
54	10	Combination/Proportional Rates - Condition Code Sample Values: COMB	M	ID	4/4	1	070	O	20				CD02	498	C	ID 4/4
55	10	Combination/Proportional Rates Sample Values: A, L, P	M	AN	1/1	1	070	O	20				CD03	499	O	AN 1/10
56	70	N1 SEGMENT - Issuing Carrier	M			1	080	O	1	200	1	0100				
																See X12 Standards for explanation of syntax notes. R0203P0304
57	70	Issuing Carrier Qualifier BO - Broker or Sales Office TI - Tariff Issuer	M	ID	2/2	1	080	O	1	200	1	0100	N101	98	M	ID 2/3
58	70	Carriers SCAC Qualifier 2 - Standard Carrier Alpha Code (SCAC)	M	ID	1/1	1	080	O	1	200	1	0100	N103	66	C	ID 1/2
59	70	Carriers SCAC (N1 Map)	M	AN	2/4	1	080	O	1	200	1	0100	N104	67	C	AN 2/80
60	70	N3 SEGMENT - Carrier Address	C			1	100	O	2	200	1	0100				
61	70	Carrier Address	M	AN	1/55	1	100	O	2	200	1	0100	N301	166	M	AN 1/55

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62	70	N4 SEGMENT - Carrier Address	C	1	110	O	1	200	1	0100				
See X12 Standards for explanation of syntax notes. C0605														
63	70	City Name	M AN 2/30	1	110	O	1	200	1	0100	N401	19	O AN	2/30
64	70	State or Province Code Use standard two-position state abbreviation. SOURCE: National Zip Code and Post Office Directory available from U.S. Postal Service National Information Data Center	M ID 2/2	1	110	O	1	200	1	0100	N402	156	O ID	2/2
65	70	Postal Code SOURCE: National ZIP Code and Post Office Directory, Publication 65 available from U.S Postal Service; The USPS Domestic Mail Manual available from New Orders Superintendent of Documents	M ID 3/15	1	110	O	1	200	1	0100	N403	116	O ID	3/15
66	70	N9 SEGMENT - Distribution Number This segment is used only by SDDC to provide GSA with distribution information.	C	1	120	O	12	200	1	0100				
See X12 Standards for explanation of syntax notes. R0203C0605														
67	70	Distribution Number Qualifier AH - Agreement Number	M ID 2/2	1	120	O	12	200	1	0100	N901	128	M ID	2/3
68	70	Distribution Number	M N0 6/6	1	120	O	12	200	1	0100	N902	127	C AN	1/30
69	70	Distribution Date	M DT 8/8	1	120	O	12	200	1	0100	N904	373	O DT	8/8
70	70	PER SEGMENT - Issuing Carrier Phone	M	1	130	O	200	200	1	0100				
See X12 Standards for explanation of syntax notes. P0304P0506P0708														
71	70	Phone Number Contact Qualifier SC - Schedule Contact	M ID 2/2	1	130	O	200	200	1	0100	PER01	366	M ID	2/2
72	70	Phone Number Qualifier TE - Telephone	M ID 2/2	1	130	O	200	200	1	0100	PER03	365	C ID	2/2
73	70	Phone Number	M AN 7/21	1	130	O	200	200	1	0100	PER04	364	C AN	1/80
74	70	PER SEGMENT - Issuing Carrier Officer/Agent	M	1	130	O	200	200	1	0100				
See X12 Standards for explanation of syntax notes. P0304P0506P0708														
75	70	Authorized Officer/Agent Contact Qualifier TD - Tender Developer	M ID 2/2	1	130	O	200	200	1	0100	PER01	366	M ID	2/2

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76	70	Authorized Officer/Agent Name	C	AN	1/60	1	130	O	200	200	1	0100	PER02	93	O	AN 1/60
77	70	Authorized Officer/Agent Phone Number Qualifier TE - Telephone	M	ID	2/2	1	130	O	200	200	1	0100	PER03	365	C	ID 2/2
78	70	Authorized Officer/Agent Phone Number	M	AN	7/21	1	130	O	200	200	1	0100	PER04	364	C	AN 1/80
79	90	PR SEGMENT - Commodity Repeat this PR loop for each commodity. Repeat this PR loop for each commodity.	M			1	140	O	1	100	1	0200				See X12 Standards for explanation of syntax notes. C0302C040203P060708
80	90	Commodities Class Used - Logical Connector P - If one or more segments of a given segment definition contain this element indicating a '+' value, rate application requires satisfaction of the restriction stated on at least one of those segments, so indicated; In the event that rate restrictions on two segments of similar definition are satisfied, one segment containing this element indicating a '+' value and the other segment indicating a '-', rate application is denied. In other words, a minus takes precedence over a plus.	M	ID	1/1	1	140	O	1	100	1	0200	PR01	699	M	ID 1/1
81	90	Commodities Class Used - Code Qualifier D - Department of Defense Unique Codes N - National Motor Freight Classification (NMFC)	M	ID	1/1	1	140	O	1	100	1	0200	PR02	23	C	ID 1/1
82	90	Commodities Code DoD unique codes may occur with NMFC. Maximum of 16 commodities can be described on a single tender.	M	AN	6/8	1	140	O	1	100	1	0200	PR03	22	C	AN 1/30
83	90	NTE SEGMENT - Commodity	C			1	150	O	10	100	1	0200				
84	90	Commodity Code LIN - Line Item	M	ID	3/3	1	150	O	10	100	1	0200	NTE01	363	O	ID 3/3
85	90	Commodity Description	M	AN	1/80	1	150	O	10	100	1	0200	NTE02	352	M	AN 1/80
86	90	CD SEGMENT - Release Value (Assigned) Use this segment when an assigned release value applies. There should be one commodities release value CD segment for every commodity code PR segment.	M			1	160	O	10	100	1	0200				See X12 Standards for explanation of syntax notes. C0302C0402C0502P080910C11080910
87	90	Commodities Release Value (Assigned) - Logical Connector Sample Values: PO	M	AN	2/2	1	160	O	10	100	1	0200	CD01	495	M	AN 1/3

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88	90	Commodities Release Value (Assigned) - Condition Code Sample Values: DDUA	M	ID	4/4	1	160	O	10	100	1	0200	CD02	498	C ID 4/4
89	90	Commodities Release Value (Assigned)	M	AN	1/10	1	160	O	10	100	1	0200	CD03	499	O AN 1/10
90	90	Release Value Unit of measure Sample Values: A, L, T, V	M	AN	1/1	1	160	O	10	100	1	0200	CD04	499	O AN 1/10
91	90	CD SEGMENT - Release Value (Unassigned) Use this segment when an unassigned release value applies. There should be one commodities release value CD segment for every commodity code PR segment.	C			1	160	O	10	100	1	0200	See X12 Standards for explanation of syntax notes. C0302C0402C0502P080910C11080910		
92	90	Commodities Release Value (Unassigned) - Logical Connector Sample Values: PO	M	AN	2/2	1	160	O	10	100	1	0200	CD01	495	M AN 1/3
93	90	Commodities Release Value (Unassigned) - Condition Code Sample Values: LIPP	M	ID	4/4	1	160	O	10	100	1	0200	CD02	498	C ID 4/4
94	90	Commodities Release Value (Unassigned) If full release value applies, send zero in this data element. If a decimal is needed to express this rate, it must be included.	M	AN	1/10	1	160	O	10	100	1	0200	CD03	499	O AN 1/10
95	90	Release Value Unit of Measure Sample Values: A, L, T, V	M	AN	1/1	1	160	O	10	100	1	0200	CD04	499	O AN 1/10
96	100	SB SEGMENT - Section G Point-to-Point Air Rates	C			2	010	O	1	99	1	0300			
97	100	Tender Section G (Docket Level) Sample Values: 1	M	N0	1/1	2	010	O	1	99	1	0300	SB01	496	M N0 1/2
98	110	SC SEGMENT - Section G Point-to-Point Air Rates This segment begins DataGroup 110, routing information. For every occurrence of DataGroup 110, there must be an occurrence of DataGroup 120. This segment begins DataGroup 110, routing information. For every occurrence of DataGroup 110, there must be an occurrence of DataGroup 120.	M			2	030	O	1	400	2	0310			
99	110	Docket Sub-Level Sample Values: 1	M	N0	1/1	2	030	O	1	400	2	0310	SC01	496	M N0 1/2

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100	110	Docket Sub-Level Sample Values: G	M	AN	1/1	2	030	O	1	400	2	0310	SC02	497	M AN 1/3
101	110	GY SEGMENT - Section G Origins and Destinations Use a single occurrence of this segment to describe each location.	C			2	040	O	9999	400	2	0310			See X12 Standards for explanation of syntax notes. C0503C0605P091011C12091011P1314
102	110	Geography Qualifier Code B - Between F - From T - To	M	ID	1/1	2	040	O	9999	400	2	0310	GY01	262	M ID 1/1
103	110	SPLC Qualifier SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Government Bill of Lading Codes available from Military Traffic Management Command (MTMC) SL - U.S. SPLC	M	ID	2/2	2	040	O	9999	400	2	0310	GY03	309	C ID 1/2
104	110	SPLC	M	AN	9/9	2	040	O	9999	400	2	0310	GY05	310	C AN 1/30
105	120	SRT SEGMENT - Section G Point-to-Point Rates Begin DataGroup 120, MT FORM 364-R, Section G, rate table information. Repeat the SRT loop for every level of service the carrier offers on the tender. Begin DataGroup 120, MT FORM 364-R, Section G, rate table information. Repeat the SRT loop for every level of service the carrier offers on the tender.	M			2	110	O	1	999	2	0320			
106	120	Rate Update Indicator A - Add Rate	M	ID	1/1	2	110	O	1	999	2	0320	SRT01	259	M ID 1/1
107	120	Type of Service Code Use value 'AA' to denote Airport to Airport Service or value 'DD' to denote Door-to-Door Service. Sample Values: AA, DD	M	AN	2/2	2	110	O	1	999	2	0320	SRT02	1	O AN 1/13
108	120	Service Rate Qualifier CW - Per Hundred Weight	M	ID	2/2	2	110	O	1	999	2	0320	SRT03	122	M ID 2/2
109	120	Level of Service Code Sample Values: D1, D2, D3, SG	M	AN	2/2	2	110	O	1	999	2	0320	SRT07	320	O AN 1/10
110	120	SRM SEGMENT - Section G Rates	M			2	140	O	999	999	2	0320			

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111	120	Table G-1 Row 1 Weight break for Row 1 is 151 to 200 pounds. Enter bid in dollars and cents.	C	R	1/9	2	140	O	999	999	2	0320	SRM01	60	O	R	1/9
112	120	Table G-1 Row 2 Weight break for Row 2 is 201 to 300 pounds. Enter bid in dollars and cents.	C	R	1/9	2	140	O	999	999	2	0320	SRM02	60	O	R	1/9
113	120	Table G-1 Row 3 Weight break for Row 3 is 301 to 500 pounds. Enter bid in dollars and cents.	C	R	1/9	2	140	O	999	999	2	0320	SRM03	60	O	R	1/9
114	120	Table G-1 Row 4 Weight break for Row 4 is 501 to 1000 pounds. Enter bid in dollars and cents.	C	R	1/9	2	140	O	999	999	2	0320	SRM04	60	O	R	1/9
115	120	Table G-1 Row 5 Weight break for Row 5 is 1001 to 2000 pounds. Enter bid in dollars and cents.	C	R	1/9	2	140	O	999	999	2	0320	SRM05	60	O	R	1/9
116	120	Table G-1 Row 6 Weight break for Row 6 is 2001 to 5000 pounds. Enter bid in dollars and cents.	C	R	1/9	2	140	O	999	999	2	0320	SRM06	60	O	R	1/9
117	120	Table G-1 Row 7 Weight break for Row 7 is 5001 pounds and over. Enter bid in dollars and cents.	C	R	1/9	2	140	O	999	999	2	0320	SRM07	60	O	R	1/9
118	600	SB SEGMENT - Section H Territorial Air Rates	C			2	010	O	1	99	1	0300					
119	600	Tenders Section H (Docket Level) Sample Values: 1	M	NO	1/1	2	010	O	1	99	1	0300	SB01	496	M	NO	1/2
120	610	SC SEGMENT - Section H Territorial Air Rates Routing consists of either all (F)roms and (T)os or all (F)roms and (B)etweens. Tos and Betweenens cannot occur in the same routing. Routing consists of either all (F)roms and (T)os or all (F)roms and (B)etweens. Tos and Betweenens cannot occur in the same routing.	M			2	030	O	1	400	2	0310					
121	610	Docket Sub-Level Sample Values: 1	M	NO	1/1	2	030	O	1	400	2	0310	SC01	496	M	NO	1/2
122	610	Docket Sub-Level Sample Values: H	M	AN	1/1	2	030	O	1	400	2	0310	SC02	497	M	AN	1/3
123	610	GY SEGMENT - Section H Origin (Exception Points) Use when exception points apply.	C			2	040	O	9999	400	2	0310					See X12 Standards for explanation of syntax notes. C0503C0605P091011C12091011P1314

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124	610	Exception Point Qualifier Maximum of 6 exception points per tender. F - From T - To	M	ID	1/1	2	040	O	9999	400	2	0310	GY01	262	M	ID	1/1
125	610	Exception Point Logical Connector Code M - If one or more segments of a given segment definition contain this element indicating a '-' value, rate application is denied upon satisfaction of any one of these segments, so indicated; In the event that rate restrictions on two segments of similar definition are satisfied, one segment containing this element indicating a '+' value and the other segment indicating a '-', rate application is denied. In other words, a minus takes precedence over a plus.	M	ID	1/1	2	040	O	9999	400	2	0310	GY02	699	O	ID	1/1
126	610	SPLC Qualifier SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Government Bill of Lading Codes available from Military Traffic Management Command (MTMC) SL - U.S. SPLC	M	ID	2/2	2	040	O	9999	400	2	0310	GY03	309	C	ID	1/2
127	610	SPLC of Exception Point	M	AN	9/9	2	040	O	9999	400	2	0310	GY05	310	C	AN	1/30
128	610	GY SEGMENT - Section H Origin (SPLC)	C			2	040	O	9999	400	2	0310	See X12 Standards for explanation of syntax notes. C0503C0605P091011C12091011P1314				
129	610	SPLC Origin (From) Qualifier F - From	M	ID	1/1	2	040	O	9999	400	2	0310	GY01	262	M	ID	1/1
130	610	SPLC Origin Location Qualifier SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Government Bill of Lading Codes available from Military Traffic Management Command (MTMC) SL - U.S. SPLC	M	ID	2/2	2	040	O	9999	400	2	0310	GY03	309	C	ID	1/2
131	610	SPLC Origin	M	AN	9/9	2	040	O	9999	400	2	0310	GY05	310	C	AN	1/30
132	610	GY SEGMENT - Section H Origin (All Points)	C			2	040	O	9999	400	2	0310	See X12 Standards for explanation of syntax notes. C0503C0605P091011C12091011P1314				
133	610	All Points Origin (From) Qualifier F - From	M	ID	1/1	2	040	O	9999	400	2	0310	GY01	262	M	ID	1/1

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134	610	All Points Location Qualifier SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Government Bill of Lading Codes available from Military Traffic Management Command (MTMC) AP - All Points	M	ID	2/2	2	040	O	9999	400	2	0310	GY03	309	C	ID	1/2
135	610	All Points Code Sample Values: 9C	M	AN	2/2	2	040	O	9999	400	2	0310	GY05	310	C	AN	1/30
136	610	GY SEGMENT - Section H Origin (Region)	C			2	040	O	9999	400	2	0310	See X12 Standards for explanation of syntax notes. C0503C0605P091011C12091011P1314				
137	610	Region Origin (From) Qualifier F - From	M	ID	1/1	2	040	O	9999	400	2	0310	GY01	262	M	ID	1/1
138	610	Region Origin Location Qualifier SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Government Bill of Lading Codes available from Military Traffic Management Command (MTMC) RG - Region Code	M	ID	2/2	2	040	O	9999	400	2	0310	GY03	309	C	ID	1/2
139	610	Region Origin Code Use two-position code with no space.	M	AN	2/2	2	040	O	9999	400	2	0310	GY05	310	C	AN	1/30
140	610	GY SEGMENT - Section H Origin (State/Province) Use this segment if 'From State/Province' applies.	C			2	040	O	9999	400	2	0310	See X12 Standards for explanation of syntax notes. C0503C0605P091011C12091011P1314				
141	610	State Origin (From) Qualifier F - From	M	ID	1/1	2	040	O	9999	400	2	0310	GY01	262	M	ID	1/1
142	610	State Location Qualifier SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Government Bill of Lading Codes available from Military Traffic Management Command (MTMC) SP - State/Province	M	ID	2/2	2	040	O	9999	400	2	0310	GY03	309	C	ID	1/2
143	610	State Code Use standard two-position state abbreviation. SOURCE: National Zip Code and Post Office Directory available from U.S. Postal Service National Information Data Center	M	ID	2/2	2	040	O	9999	400	2	0310	GY04	156	O	ID	2/2
144	610	GY SEGMENT - Section H Origin (Zone)	C			2	040	O	9999	400	2	0310	See X12 Standards for explanation of syntax notes. C0503C0605P091011C12091011P1314				

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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 Lvl	Lp ID	Ref Des	DE #	Attributes				
145	610	Origin Zone (From) Qualifier F - From	M	ID	1/1	2	040	O	9999	400	2	0310	GY01	262	M	ID	1/1	
146	610	Origin Zone Location Qualifier SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Government Bill of Lading Codes available from Military Traffic Management Command (MTMC) ZN - Zone Code	M	ID	2/2	2	040	O	9999	400	2	0310	GY03	309	C	ID	1/2	
147	610	Origin Zone Code	M	AN	3/3	2	040	O	9999	400	2	0310	GY05	310	C	AN	1/30	
148	610	GY SEGMENT - Section H Destination (SPLC) Use this segment if 'To/Between SPLC' applies.	C			2	040	O	9999	400	2	0310						
149	610	SPLC Destination (To) Qualifier B - Between T - To	M	ID	1/1	2	040	O	9999	400	2	0310	GY01	262	M	ID	1/1	
150	610	SPLC Destination Location Qualifier SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Government Bill of Lading Codes available from Military Traffic Management Command (MTMC) SL - U.S. SPLC	M	ID	2/2	2	040	O	9999	400	2	0310	GY03	309	C	ID	1/2	
151	610	SPLC Destination	M	AN	9/9	2	040	O	9999	400	2	0310	GY05	310	C	AN	1/30	
152	610	GY SEGMENT - Section H Destination (All Points)	C			2	040	O	9999	400	2	0310						
153	610	All Points Destination Qualifier B - Between T - To	M	ID	1/1	2	040	O	9999	400	2	0310	GY01	262	M	ID	1/1	
154	610	All Points Location Qualifier SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Government Bill of Lading Codes available from Military Traffic Management Command (MTMC) AP - All Points	M	ID	2/2	2	040	O	9999	400	2	0310	GY03	309	C	ID	1/2	
155	610	All Points Code Sample Values: 9C	M	AN	2/2	2	040	O	9999	400	2	0310	GY05	310	C	AN	1/30	

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 Lvl	Lp ID	Ref Des	DE #	Attributes			
156	610	GY SEGMENT - Section H Destination (Region)	C		2	040	O	9999	400	2	0310						
					See X12 Standards for explanation of syntax notes. C0503C0605P091011C12091011P1314												
157	610	Region Destination Qualifier B - Between T - To	M	ID	1/1	2	040	O	9999	400	2	0310	GY01	262	M	ID	1/1
158	610	Region Location Qualifier SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Government Bill of Lading Codes available from Military Traffic Management Command (MTMC) RG - Region Code	M	ID	2/2	2	040	O	9999	400	2	0310	GY03	309	C	ID	1/2
159	610	Region Code	M	AN	2/2	2	040	O	9999	400	2	0310	GY05	310	C	AN	1/30
160	610	GY SEGMENT - Section H Destination (State/Province)	C		2	040	O	9999	400	2	0310						
					See X12 Standards for explanation of syntax notes. C0503C0605P091011C12091011P1314												
161	610	State Destination Qualifier Use this segment if 'Destination State/Province' applies. B - Between T - To	M	ID	1/1	2	040	O	9999	400	2	0310	GY01	262	M	ID	1/1
162	610	State Location Qualifier SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Government Bill of Lading Codes available from Military Traffic Management Command (MTMC) SP - State/Province	M	ID	2/2	2	040	O	9999	400	2	0310	GY03	309	C	ID	1/2
163	610	State Code Use standard two-position state abbreviation. SOURCE: National Zip Code and Post Office Directory available from U.S. Postal Service National Information Data Center	M	ID	2/2	2	040	O	9999	400	2	0310	GY04	156	O	ID	2/2
164	610	GY SEGMENT - Section H Destination (Zone)	C		2	040	O	9999	400	2	0310						
					See X12 Standards for explanation of syntax notes. C0503C0605P091011C12091011P1314												
165	610	Destination Zone Qualifier B - Between T - To	M	ID	1/1	2	040	O	9999	400	2	0310	GY01	262	M	ID	1/1

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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 Lvl	Lp ID	Ref Des	DE #	Attributes			
166	610	Destination Zone Location Qualifier SOURCE: Defense Traffic Management Regulation (DTMR), Appendix I - Government Bill of Lading Codes available from Military Traffic Management Command (MTMC) ZN - Zone Code	M	ID	2/2	2	040	O	9999	400	2	0310	GY03	309	C	ID	1/2
167	610	Destination Zone Code	M	AN	3/3	2	040	O	9999	400	2	0310	GY05	310	C	AN	1/30
168	620	SRT SEGMENT - Section H Territorial Air Rates There should be one SRT segment per level of service. There should be one SRT segment per level of service.	M			2	110	O	1	999	2	0320					
169	620	Rate Update Indicator A - Add Rate	M	ID	1/1	2	110	O	1	999	2	0320	SRT01	259	M	ID	1/1
170	620	Type of Service Code Sample Values: DD	M	AN	2/2	2	110	O	1	999	2	0320	SRT02	1	O	AN	1/13
171	620	Rate Unit Qualifier CW - Per Hundred Weight	M	ID	2/2	2	110	O	1	999	2	0320	SRT03	122	M	ID	2/2
172	620	Level of Service Code Sample Values: D1, D2, D3, SG	M	AN	2/2	2	110	O	1	999	2	0320	SRT07	320	O	AN	1/10
173	620	SRM SEGMENT - Section H Rates	C			2	140	O	999	999	2	0320					
174	620	Table H-1 Row 1 Weight break for Row 1 is 151 to 500 pounds. Enter bid in dollars and cents.	C	R	1/9	2	140	O	999	999	2	0320	SRM01	60	O	R	1/9
175	620	Table H-1 Row 2 Weight break for Row 2 is 501 to 1000 pounds. Enter bid in dollars and cents.	C	R	1/9	2	140	O	999	999	2	0320	SRM02	60	O	R	1/9
176	620	Table H-1 Row 3 Weight break for Row 3 is 1001 to 2000 pounds. Enter bid in dollars and cents.	C	R	1/9	2	140	O	999	999	2	0320	SRM03	60	O	R	1/9
177	620	Table H-1 Row 4 Weight break for Row 4 is 2001 to 3000 pounds. Enter bid in dollars and cents.	C	R	1/9	2	140	O	999	999	2	0320	SRM04	60	O	R	1/9

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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 Lvl	Lp ID	Ref Des	DE #	Attributes			
178	620	Table H-1 Row 5 Weight break for Row 5 is 3001 to 4000 pounds. Enter bid in dollars and cents.	C	R	1/9	2	140	O	999	999	2	0320	SRM05	60	O	R	1/9
179	620	Table H-1 Row 6 Weight break for Row 6 is 4001 to 5000 pounds. Enter bid in dollars and cents.	C	R	1/9	2	140	O	999	999	2	0320	SRM06	60	O	R	1/9
180	620	Table H-1 Row 7 Weight break for Row 7 is 5000 pounds and over. Enter bid in dollars and cents.	C	R	1/9	2	140	O	999	999	2	0320	SRM07	60	O	R	1/9
181	700	SB SEGMENT - Section I CONUS-to-CONUS Air Rates	C			2	010	O	1	99	1	0300					
182	700	Tender Section I (Docket Level) Sample Values: 1	M	N0	1/1	2	010	O	1	99	1	0300	SB01	496	M	N0	1/2
183	710	SC SEGMENT - Section I CONUS-to-CONUS Air Rates	C			2	030	O	1	400	2	0310					
184	710	Docket Sub Level Sample Values: 1	M	N0	1/1	2	030	O	1	400	2	0310	SC01	496	M	N0	1/2
185	710	Docket Sub Level Sample Values: 1	M	AN	1/1	2	030	O	1	400	2	0310	SC02	497	M	AN	1/3
186	720	SRT SEGMENT - Section I CONUS-to-CONUS Air Rate Table	C			2	110	O	1	999	2	0320					
187	720	Rate Update Indicator A - Add Rate	M	ID	1/1	2	110	O	1	999	2	0320	SRT01	259	M	ID	1/1
188	720	Type of Service Code Sample Values: DD	M	AN	2/2	2	110	O	1	999	2	0320	SRT02	1	O	AN	1/13
189	720	Rate Unit Qualifier PS - Per Shipment	M	ID	2/2	2	110	O	1	999	2	0320	SRT03	122	M	ID	2/2
190	720	Level of Service Code Sample Values: D1, D2, D3, SG	M	AN	2/2	2	110	O	1	999	2	0320	SRT07	320	O	AN	1/10
191	720	SRM SEGMENT - Section I Rates	C			2	140	O	999	999	2	0320					

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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 Lvl	Lp ID	Ref Des	DE #	Attributes			
192	720	Table I - 1 Weight Enter weight break for package. Use whole numbers from 1 to 150 to indicate weight.	M	R	1/9	2	140	O	999	999	2	0320	SRM01	60	O	R	1/9
193	720	Table I - 1 Rate Enter rate for weight break. Express in dollars and cents.	M	R	1/9	2	140	O	999	999	2	0320	SRM02	60	O	R	1/9
194	900	SB SEGMENT - Section F, Accessorial/Protective Services	C			2	010	O	1	99	1	0300					
195	900	Tenders Section F Sample Values: 99	M	N0	2/2	2	010	O	1	99	1	0300	SB01	496	M	N0	1/2
196	900	SC SEGMENT - Section F, Accessorial/Protective Services	C			2	030	O	1	400	2	0310					
197	900	Docket Sub Level Sample Values: 99	M	N0	2/2	2	030	O	1	400	2	0310	SC01	496	M	N0	1/2
198	900	Docket Sub Level Sample Values: DD	M	AN	2/2	2	030	O	1	400	2	0310	SC02	497	M	AN	1/3
199	900	SRT SEGMENT - Section F, Accessorial/Protective Services	C			2	110	O	1	999	2	0320					
200	900	Rate Update Indicator A - Add Rate	M	ID	1/1	2	110	O	1	999	2	0320	SRT01	259	M	ID	1/1
201	900	Section F Item Number Sample Values: 1, 2	M	AN	1/1	2	110	O	1	999	2	0320	SRT02	1	O	AN	1/13
202	900	Rate Unit Qualifier DD - Department of Defense Unique Codes	M	ID	2/2	2	110	O	1	999	2	0320	SRT03	122	M	ID	2/2
203	900	Service Rate This data element has a format of N2. This means there is an implied decimal at the second position (1.00 = 100). If there is no charge for the service use value 00.	M	N2	1/10	2	110	O	1	999	2	0320	SRT06	320	O	AN	1/10
204	900	Minimum Service Rate ELEMENT CONDITION: If the service code carried in SRT 12 indicates a minimum charge/weight exists, carry the minimum in this data element.	C	AN	1/10	2	110	O	1	999	2	0320	SRT07	320	O	AN	1/10

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 Lvl	Lp ID	Ref Des	DE #	Attributes		
205	900	Service Code Service code for security and accessorial services. {See Section 6.0 (DTEDI Voluntary Air Tender Implementation Convention) for application of code values. To find Section 6.0 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 6.0. That document is available in PDF format.]} 045 - Advance Fee 520 - Oversized Premium 675 - Security Signature Service BYD - Beyond Charge CIS - Constant Surveillance DDN - Dual Driver with National Agency Check DDP - Dual Driver Protectice Service DEL - Delivery Charge ECR - Escort/Courier Service Charge EVC - Excessive Value Charge HAZ - Hazardous Cargo Charge HOL - Sunday or Holiday Pick-up or Delivery PSS - Protective Service Security PUD - Pick-up and Delivery RCC - Reconsignment Charge RCL - Redelivery SAT - Saturday Pick-up or Delivery Charge SEV - Security Escort Vehicle Service WTG - Waiting Time	M	ID	3/3	2	110	O	1	999	2	0320	SRT12	150	O	ID	3/3
206	900	Service Level Number Use two numeric digits to indicate service level number. For example, DoD Overdimensional minimal service level would be code value '520' for SRT 12 and value '01' for this element.	M	NO	2/2	2	110	O	1	999	2	0320	SRT13	276	O	AN	2/25
207	999	SE SEGMENT	M			3	030	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 Lvl	Lp ID	Ref Des	DE #	Attributes		
208	999	Number of Included Segments Total segments in this transaction set (counting ST and SE segments).	M	N0	1/10	3	030	M	1			SE01	96	M	N0	1/10
209	999	Transaction Set Control Number Must match value in ST02 of same transaction.	M	AN	4/9	3	030	M	1			SE02	329	M	AN	4/9

Section 5.0

IC ELEMENTS IN EDI FORMAT

Contents

This section contains three examples of Department of Defense Standard Tender of Air Freight Services MT Form 364-R as they appear in ASC X12 Transaction Set 602 Transportation Services Tender format. Each example stands alone as an acceptable 602 Transportation Services Tender.

The examples illustrate 602 formats for sections G, H, I and F, sections H and I, and tender cancellation in form MT 364-R.

How to Read the Examples

Each example approximates a complete ASC 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”) character delimits end of segment. Labels within brackets { } are place holders for data not contained in the example. Notes in **bold text** explain key segments in the transaction.

Example 1 — Section G, H, I and F

ISA~01~CFMTNDRXXX~01~EWCFXXXXXX~ZZ~EWCF ~ZZ~62960237 ~
990213~0952~U~00200~000000550~1~P~< n/l
GS~TF~EWCF~62960237~19990213~0952~3~X~004010 n/l

ST~602~000010003 n/l
DK~EWCF~MTMC~001001~00~K~M~19990401~
20000331 n/l
PRI~TP~EWCF~001001~~00~G n/l
PRI~TP~EWCF~001001~~00~H n/l
PRI~TP~EWCF~001001~~00~I n/l
PRI~TP~EWCF~001001~~00~F~1 n/l
PRI~TP~EWCF~001001~~00~F~2 n/l
SA~19990226~PS~EWCF~STEVE THOMAS*19990312 n/l

CD~PA~SHTY~INTER n/l
CD~OA~AUTH~EXEMPT n/l
CD~TD~SHTY~TL n/l
CD~GP~AUTH~AFTRP #5 n/l
CD~PO~COMB~A n/l
N1~BO~EMERY WORLDWIDE~2~EWCF n/l
N3~3350 WEST BAYSHORE
N4~PALO ALTO~CA~94303
PER*SC**TE*(800)682-4566
PER~TD~~TE~(703)471-5692 n/l
PR~P~D~999931 n/l

NTE~LIN~FAK, EXCEPT COMMODITIES IN AFTRP
SB~1 n/l

SC~1~G n/l
routes

GY~F~~SL~~209770270 n/l

GY~T~~SL~~256720290 n/l

..

..

GY~F~~SL~~209770270 n/l

GY~T~~SL~~261300032 n/l

SC~1~G n/l
routes

GY~F~~SL~~206744270 n/l

GY~T~~SL~~256720290 n/l

Tender number and dates

Tender Section G

Tender Section H

Tender Section I

Tender Section F, Item 1

Tender Section F, Item 2

Issue date and authorized person and date

Interstate application

Operating authority

Tender distribution

Governing publication

Combination/proportional rates

Carrier name

Carrier Address

Carrier Location

Carrier Phone

Tender preparer

First Commodity Information

Commodity Description

Begin Rate Table

Section G, Page 1 point to point

From (Origin)

To (Destination)

""

""

From (Origin)

To (Destination)

Section G, Page 2 point to point

From (Origin)

To (Destination)

..	""
..	""
GY~F~~SL~~206744270 n/l	From (Origin)
GY~T~~SL~~261300032 n/l	To (Destination)
SC~1~G n/l	Section G, Page 3 point to point
routes	
GY~F~~SL~~209405270 n/l	From (Origin)
GY~T~~SL~~256720290 n/l	To (Destination)
..	""
..	""
GY~F~~SL~~209405270 n/l	From (Origin)
GY~T~~SL~~261300032 n/l	To (Destination)
SC~1~G n/l	Section G, Page 4 point to point
routes	
GY~F~~SL~~202230270 n/l	From (Origin)
GY~T~~SL~~256720290 n/l	To (Destination)
..	""
..	""
GY~F~~SL~~202230270 n/l	From (Origin)
GY~T~~SL~~261300032 n/l	To (Destination)
SRT~A~DD~CW~~~~D1 n/l	Type Service (DD), Rate qualifier (CW), First Level of Service (D1 = Overnight)
SRM~55.00 n/l	D1 Rates per Weight Break for Page 1 Routes
SRT~A~DD~CW~~~~D2 n/l	Type Service (DD), Rate qualifier (CW), Second Level of Service (D2 = Second Day)
SRM~45.00 n/l	D2 Rates per Weight Break for Page 1 Routes
SRT~A~DD~CW~~~~D3 n/l	Type Service (DD), Rate qualifier (CW), Third Level of Service (D3 = Deferred)
SRM~38.00 n/l	D3 Rates per Weight Break for Page 1 routes
SRT~A~DD~CW~~~~D1 n/l	Type Service, Rate qualifier, Level of Service
SRM~55.00 n/l	D1 Rates per Weight Break for Page 2 Routes
SRT~A~DD~CW~~~~D2 n/l	Type Service, Rate qualifier, Level of Service
SRM~45.00 n/l	D2 Rates per Weight Break for Page 2 Routes

SRT~A~DD~CW~~~~D3 n/l	Type Service, Rate qualifier, Level of Service
SRM~38.00 n/l	D3 Rates per Weight Break for Page 2 Routes
SRT~A~DD~CW~~~~D1 n/l	Type Service, Rate qualifier, Level of Service
SRM~55.00 n/l	D1 Rates per Weight Break for Page 3 routes
SRT~A~DD~CW~~~~D2 n/l	Type Service, Rate qualifier, Level of Service (D2)
SRM~45.00 n/l	D2 Rates per Weight Break for Page 3 routes
SRT~A~DD~CW~~~~D3 n/l	Type Service, Rate qualifier, Level of Service (D3)
SRM~38.00 n/l	D3 Rates per Weight Break for Page 3 routes
SRT~A~DD~CW~~~~D1 n/l	Type Service, Rate qualifier, Level of Service (D1)
SRM~55.00 n/l	D1 Rates per Weight Break for Page 4 routes
SRT~A~DD~CW~~~~D2 n/l	Type Service, Rate qualifier, Level of Service (D2)
SRM~45.00 n/l	D2 Rates per Weight Break for Page 4 routes
SRT~A~DD~CW~~~~D3 n/l	Type Service, Rate qualifier, Level of Service (D3)
SRM~38.00 n/l	D3 Rates per Weight Break for Page 4 routes
SB~1 n/l	Begin Rate Table
SC~1~H n/l	Section H, Page 1 Territorial Rates
GY~F~~SL~~209770270 n/l	Page 1 Origin
GY~F~~SL~~206744270 n/l	Page 1 Origin
GY~F~~SL~~209405270 n/l	Page 1 Origin
GY~F~~SL~~202230270 n/l	Page 1 Origin
GY~T~~AP~~9C n/l	Page 1 Destination
SRT~A~DD~CW~~~~SG n/l	Page 1 Type Service, Rate qualifier, Level of Service
SRM~196.00 n/l	Page 1, Table H-1 SG rates per Weight Break, Column A
SRM~196.00 n/l	""", Column B
SRM~196.00 n/l	""", Column C
SRM~196.00 n/l	""", Column D
SRM~196.00 n/l	""", Column E

SRT~A~DD~CW~~~~D1 n/l

**Page 1 Type Service, Rate qualifier,
Level of Service**

SRM~59.00~57.00 n/l

**Page 1, Table H-2 D1 rates per
Weight Break, Column A**

SRM~70.00~68.00 n/l

""", Column B

SRM~73.00~71.00 n/l

""", Column C

SRM~89.00~84.00 n/l

""", Column D

SRM~89.00~86.00 n/l

""", Column E

SRT~A~DD~CW~~~~D2 n/l

**Page 1 Type Service, Rate qualifier,
Level of Service**

SRM~45.00~40.00 n/l

**Page 1, Table H-3 D2 rates per
Weight Break, Column A**

SRM~53.00~49.00 n/l

""", Column B

SRM~54.00~50.00 n/l

""", Column C

SRM~59.00~58.00 n/l

""", Column D

SRM~59.00~58.00 n/l

""", Column E

SRT~A~DD~CW~~~~D3 n/l

**Page 1 Type Service, Rate qualifier,
Level of Service**

SRM~40.00~38.00 n/l

**Page 1 Table H-4 D3 Rates per
Weight Break, Column A**

SRM~50.00~48.00 n/l

""", Column B

SRM~52.00~50.00 n/l

""", Column C

SRM~57.00~55.00 n/l

""", Column D

SRM~57.00~55.00 n/l

""", Column E

SB~1 n/l

Begin rate table

SC~1~I n/l

**Section I (CONUS TO CONUS
SMALL PACKAGE)**

SRT~A~DD~PS~~~~SG n/l

**Type Service, Rate qualifier, Level of
Service**

SRM~1~50.00 n/l

Weight, Rate

SRM~2~50.00 n/l

Weight, Rate

..

"""

..

"""

SRM~149~292.04 n/l

Weight, Rate

SRM~150~294.00 n/l

Weight, Rate

SC~1~I n/l

**Section I (CONUS TO CONUS
SMALL PACKAGE)**

SRT~A~DD~PS~~~~D1 n/l

**Type Service, Rate qualifier, Level of
Service**

SRM~1~25.00 n/l	Weight, Rate
SRM~2~25.81 n/l	Weight, Rate
..	""
..	""
SRM~149~128.14 n/l	Weight, Rate
SRM~150~129.00 n/l	Weight, Rate
SC~1~I n/l	Section I (CONUS TO CONUS SMALL PACKAGE)
SRT~A~DD~PS~~~~D2 n/l	DOOR-DOOR SECOND DAY AIR PER SHIPMENT RATES
SRM~1~25.00 n/l	Weight, Rate
SRM~2~25.60 n/l	Weight, Rate
..	""
..	""
SRM~149~84.93 n/l	Weight, Rate
SRM~150~85.50 n/l	Weight, Rate
SC~1~I n/l	Section I (CONUS TO CONUS SMALL PACKAGE)
SRT~A~DD~PS~~~~D3 n/l	DOOR-DOOR, DEFERRED, PER SHIPMENT RATES
SRM~1~25.00 n/l	Weight, Rate
SRM~2~25.45 n/l	Weight, Rate
..	""
..	""
SRM~149~84.93 n/l	Weight, Rate
SRM~150~85.50 n/l	Weight, Rate
SB~99	
SC~99~DD n/l	Section F, Service Rates
SRT~A~1~DD~~~5000~~~~~675~01 n/l	Signature & Tally
SRT~A~2~DD~~~3000~~~~~520~01 n/l	Oversized Freight
SRT~A~2~DD~~~0065~~~~~EVC~01 n/l	Excess Valuation
SRT~A~2~DD~~~3500~~~~~HAZ~01 n/l	Hazardous Cargo Rate
SRT~A~2~DD~~~6500~~~~~HOL~01 n/l	Sunday/Holiday Pickup/Delivery
SRT~A~2~DD~~~12500~~~~~HOL~02 n/l	Sunday/Holiday Pickup/Delivery
SRT~A~2~DD~~~3500~~~~~PUD~01 n/l	Regular Pickup/Delivery
SRT~A~2~DD~~~7500~~~~~PUD~02 n/l	Regular Pickup/Delivery
SRT~A~2~DD~~~2200~~~~~SAT~01 n/l	Saturday Pickup/Delivery
SRT~A~2~DD~~~4800~~~~~SAT~02 n/l	Saturday Pickup/Delivery
SRT~A~2~DD~~~2500~~~~~RCC~01 n/l	Reconsignment/Diversion
SRT~A~2~DD~~~2000~~~~~RCL~04 n/l	Redelivery
SE~816~000010003 n/l	

GE~1~0003 n/l

IEA~1~000000550 n/l

Example 2 — Tender Cancellation

ISA~01~CFMTNDR ~01~EWCF ~ZZ~EWCF ~ZZ~62960237 ~
19980913~0952~U~00200~000000550~1~P~< n/l
GS~TF~EWCF~62960237~19980913~0952~3~X~004010 n/l

ST~602~000010003 n/l
DK~EWCF~MTMC~001370~01~K~M~19991101~
20010726 n/l
PRI~TP~EWCF~001370~~01~~~R2~00137000 n/l
NTE~CHG~CANCEL TENDER n/l
CD~PA~SHTY~INTER n/l
CD~OA~AUTH~EXEMPT n/l
CD~TD~SHTY~TL n/l
N1~BO~EMERY WORLDWIDE~2~EWCF n/l
N3~3350 WEST BAYSHORE
N4~PALO ALTO~CA~94303
PR~P~D~999931 n/l
NTE~LIN~FAK, EXCEPT COMMODITIES IN AFTRP
SE~13~000010003 n/l

GE~1~3 n/l
IEA~1~000000550 n/l

**Tender number and dates
Cancellation (PRI08 = R2)**

**Interstate application
Operating authority
Tender distribution**

Carrier name

Carrier Address

Carrier Location

Commodity

Commodity Description

Section 6.0

APPLICATION CODE LISTS

9 -- Conveyance Mode

Data Value - Definition
1 - Package Express 2 - Groups A - Bus B - Truck C - Truck - Rail - Truck D - Applies to deregulated (US ICC) carload rail, other than piggyback E - Rail F - Rail Trailer on Flat Car/Container on Flat Car (TOFC/COFC) Door-to-Door G - Rail Trailer on Flat Car/Container on Flat Car (TOFC/COFC) Plan 3 H - Rail Trailer on Flat Car/Container on Flat Car (TOFC/COFC) Plan 4 I - Applies to regulated intermodal traffic J - Air Freight K - Air Freight Forwarder L - Air Taxi M - Multimodal N - Surface Freight Forwarder O - Water P - Applied To Deregulated (US ICC) Piggyback Q - Shipper Agent R - Applies to regulated carload rail other than piggyback S - Driveaway Service T - Towaway Service U - Driveaway and Towaway Service V - Water/Pipeline Intermodal Movements W - Shipper Agent (Truck/Rail/Truck) Y - Pipeline Z - Shipper Association

Section 9.0

KEY INFORMATION FOR THE DEVELOPER

This section lists other sources of information that may be helpful to the developer. It also describes the data groups cited in the IC Element Matrix (Section 4.0). Further, it contains three tables that describe the looping logic for populating the detail area segments of Transaction Set 602.

Sources of Information

In order to fully understand the business requirements accommodated by the 602 Voluntary Air Freight Tender transaction, the developer may refer to the following sources:

- AFTRP No. 5 - Governs movement of DOD freight traffic by air carrier. Effective date January 20, 1999. Supersedes MAFTRP No. 5 issued by Military Surface Deployment and Distribution Command (SDDC) on July 18, 1998 and effective August 1, 1998.
- MT Form 364-R - Preparation instructions for the DOD Standard Tender of Freight Services. Effective date April 1, 1998.
- DD 4500.9-R - Defense Transportation Regulation Part II - Cargo Movement - Original effective date April 1996.

These sources are available on the world wide web at: <http://www.mtmc.army.mil/freight/rules/>

Data Groups

Table 9-1 summarizes the IC data groups a programmer observes to construct a 602 transaction set.

Table 9-1 IC Data Groups

<i>Data Group Number</i>	<i>Data Group Description</i>
10	Information that usually occurs once in the header section of the paper form.
70	Address information.
90	Commodity information.
100, 110, 120	Tender Section G route (location) and rate information.
600, 610	Tender Section H route (location) information.
620	Tender Section H rate table information.
700, 710	Tender Section I information.
720	Tender Section I rate table information.
900	Tender Section F Accessorial Services.

Rate Looping Logic Tables

This section contains three tables that describe how trading partners use the looping structure of the transaction set to exchange data.

- Table 9-2, Looping Logic for MT364-R Section G Point-to-Point Rates.
- Table 9-3, Looping Logic for MT364-R Section H Territorial Rates.
- Table 9-4, Looping Logic for MT364-R Section I CONUS-to-CONUS Air Rates.

TABLE 9-2: MT FORM 364-R SECTION G POINT-TO-POINT RATES

<i>Paper Tender Conditions</i>	<i>602 Electronic Tender Conditions</i>
<p style="text-align: center;">Section G</p> <p>One Section G per tender.</p> <p style="text-align: center;">Pages</p> <p>Multiple pages per Section G. Up to 5 Froms per page. Up to 15 Tos per page. Combined 20 Froms and Tos per page. Rates immediately follow From/To description.</p> <p style="text-align: center;">Froms/Tos</p> <p>From is identified followed by related Tos/Betweens.</p> <p>Pages stand alone. Up to 5 Froms occur per page. Up to 15 Tos/Betweens occur per page. This means: (1 From to 15 Tos/Betweens) or (1 From to 10 Tos/Bs) and (1 From to 5 Tos/Bs) or (1 From to 5 Tos/Bs) and (1 From to 5 Tos/Bs) and (1 From to 5 Tos/Bs) etc. Rates follow Tos/Betweens descriptions.</p> <p style="text-align: center;">Rates</p> <p>Section G requires rates on every page. Rates follow every To/Between description. Four rates can follow each To/Between description.</p>	<p style="text-align: center;">SB Loop</p> <p>One SB loop per electronic tender.</p> <p style="text-align: center;">SC loop</p> <p>One SC loop per page. Up to 5 Froms per SC loop. Up to 15 Tos/Betweens per SC loop. This totals 20 GY segments described below. No rates (SRT loop) are encountered until all Froms/Tos from all page(s) have been described.</p> <p style="text-align: center;">GY Segment</p> <p>GY From is identified followed by related Tos/Betweens. GYs wrapped by an SC loop stand as a page. Max of 5 GY Froms wrapped by an SC loop. Max of 15 GY Tos/Betweens wrapped by an SC loop.</p> <p>Each GY Tos/Betweens must have an SRM in SRT loop to carry rates.</p> <p style="text-align: center;">SRT Loop</p> <p>Section G requires one SRT loop (rates) for every SC loop (page) above. SRT carries the level of service for the corresponding SC loop (page) above. An SRM segment describes rates for each GY To/Between segment. SRM segment carries four rates, one for each level of service.</p>

TABLE 9-3: MT FORM 364-R SECTION H - TERRITORIAL RATE

<i>Paper Tender Conditions</i>	<i>602 Electronic Tender Conditions</i>
<p style="text-align: center;">Section H</p> <p>One Section H per tender.</p> <p style="text-align: center;">Pages</p> <p>Multiple route (From/To/Between) pages are allowed. (Items 1-4) Sets of route pages can be grouped for a single rate table. Multiple sets of route pages can be combined to form one Section E.</p> <p style="text-align: center;">Froms/Tos</p> <p>Exception points are identified on the first page of a set of route pages. First page exception points apply to all route pages in the set. Froms can occur up to 12 times per page.</p> <p>Tos exclude the use of Betweens and vice versa.</p> <p style="text-align: center;">Rates</p> <p>Once a rate table is selected, all rates must be offered using that table. A rate table occurs once for every set of routes offered in Section H.</p>	<p style="text-align: center;">SB Loop</p> <p>One SB loop per electronic tender.</p> <p style="text-align: center;">SC loop</p> <p>Multiple SC loops per electronic tender. Each set of route pages is wrapped in an SC loop. One SC loop occurs for each set of route pages.</p> <p style="text-align: center;">GY Segment</p> <p>Exception point GY segments are identified before any From/To/Between GY segments appear. Exception point GY segments apply until the next set of routes (SC loop) occurs. Max of 12 From GYs can occur in sequence. Then Tos/Betweens must occur. Max of 12 To or Between GYs can occur in sequence. Then a From GY or an SRT rate section must occur. While reading To/Between GYs, the next From GY encountered is the beginning of a new page of routes. While reading To/Between GYs, the next SC encountered is the beginning of a new set of route pages. While reading To/Between GYs, the next SRT encountered is the beginning of the rates section.</p> <p style="text-align: center;">SRT Loop</p> <p>The SRT segment identifies the type of rates offered. An SRT loop occurs for every SC loop (set of route pages). One SRT segment for each type of service and each level of service occurs for each weight break in Tables H1-H2. It repeats as needed.</p> <p>One SRM segment per column occurs for each weight break in Tables H1-H2. It repeats as needed.</p> <p>One level of service rate per weight break occurs for each weight break in Tables H1-H2. It repeats as needed.</p>

TABLE 9-4: MT FORM 364-R SECTION I CONUS-TO-CONUS AIR RATES

<i>Paper Tender Conditions</i>	<i>602 Electronic Tender Conditions</i>
<p style="text-align: center;">Section I</p> <p>One Section I per tender.</p> <p style="text-align: center;">Pages</p> <p>Multiple pages can occur.</p> <p style="text-align: center;">Rates</p> <p>One level of service per page.</p> <p>Each page identifies the rate value qualifier. Each row contains a weight and rate. Weights range from 1 to 150 lbs.</p>	<p style="text-align: center;">SB Loop</p> <p>One SB loop per Section I.</p> <p style="text-align: center;">SC loop</p> <p>One SC loop per page.</p> <p style="text-align: center;">SRT Loop</p> <p>One SRT loop per SC loop (page) of Section I. Multiple loops are allowed. The rate value qualifier is used in every SRT segment. One SRT loop occurs for each level of service. One SRM segment occurs for each weight and rate.</p>

Rate Qualifier Code Conversion and Currency Format

Table 9-5 lists the tender rate qualifier codes and corresponding currency format by tender data group.

Legend:

\$ = dollars;

c = cents;

f = fraction of a cent.

The decimal is explicit and must appear in the data at the designated position. Exchange only significant numbers. Do not zero fill to the left or right.

Table 9-5 Rate Value Code Conversion and Currency Formats

		<i>Currency Formats by Section</i>			
<i>X12 Code</i>	<i>X12 Definition</i>	<i>DoD Code</i>	<i>G</i>	<i>H</i>	<i>I</i>
CW	Per Hundredweight	PH	\$\$cc	\$\$cc	
PS	Per Shipment	PS			\$\$cc

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