CONTAX

Motor Carrier Freight Details and Invoice
ANSI X12 210
Version 4010

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210 Motor Carrier Freight Details and Invoice

Functional Group ID=IM

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Motor Carrier Freight Details and Invoice Transaction Set (210) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide detail information for charges for services rendered by a motor carrier. It is used both as a motor carrier invoice to request payment or as details pertaining to motor freight shipment(s) charges.

Notes:

Not Defined:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
	ISA	Interchange Control Header	M	1		Must Use
	GS	Functional Group Header	M	1		Must Use

Header:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
010	ST	Transaction Set Header	M	1		Must Use
020	B3	Beginning Segment for Carrier's Invoice	M	1		Must Use
040	C3	Currency	O	1		Used
060	N9	Reference Identification	O	300		Must Use
070	G62	Date/Time	O	6		Must Use
100	K1	Remarks	O	10		Used
		LOOP ID – N1			10	
110	N1	Name	M	1		Must Use
130	N3	Address Information	O	2		Must Use
140	N4	Geographic Location	O	1		Must Use

Detail:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
		LOOP ID – LX			999	
120	LX	Assigned Number	M	1		Must Use
140	L5	Description, Marks and Numbers	O	10		Used
170	L0	Line Item – Quantity and Weight	O	10		Used
180	L1	Rate and Charges	O	10		Used
200	L7	Tariff Reference	O	10		Used

Summary:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
010	L3	Total Weight and Charges	O	1		Must Use
020	SE	Transaction Set Trailer	M	1		Must Use

Not Defined:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
	GE	Functional Group Trailer	M	1		
	IEA	Interchange Control Trailer	M	1		

Transaction Set Notes

1. Loops 0300, 0305, 0310 and 0320 shall only be used to identify all stop-off locations and associated data for loading and unloading of freight with the exception of the original stop-off location (shipper) for truckload carriers. The original stop-off location (shipper) shall be transmitted in loop 0100.

2. Loops 0460 and 0463 shall be used to identify all small package carrier details related to the consignee (delivery location) and the related shipment. The shipper shall be identified in loop 0100.

Segment:	**ISA** Interchange Control Header
Position:	
Loop:	
Level:	Not Defined
Usage:	Mandatory
Max Use:	1
Purpose:	To start and identify an interchange of one or more functional groups and interchange-related control segments.
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
ISA01	I01	**Authorization Information Qualifier**	M	ID 2/2
		Code to identify the type of information in the Authorization Information.		
		00	No Authorization Information Present (No Meaningful Information in I02)	
ISA02	I02	**Authorization Information**	M	AN 10/10
		Information used for additional identification or authorization of the sender or the data in the interchange. The type of information is set by the Authorization Information Qualifier.		
ISA03	I03	**Security Information Qualifier**	M	ID 2/2
		Code to identify the type of information in the Security Information.		
		00	No Security Information Present (No Meaningful Information in I04)	
ISA04	I04	**Security Information**	M	AN 10/10
		This is used for identifying the security information about the sender or the data in the interchange. The type of information is set by the Security Information Qualifier.		
ISA05	I05	**Interchange ID Qualifier**	M	ID 2/2
		Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified.		
ISA06	I06	**Interchange Sender ID**	M	AN 15/15
		Identification code published by the sender for other parties to use as the receiver ID to route data to them. The sender always codes this number in the sender ID element		
ISA07	I05	**Interchange ID Qualifier**	M	ID 2/2
		Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified.		
ISA08	I07	**Interchange Receiver ID**	M	AN 15/15
		Identification code published by the receiver of the data. When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them.		
ISA09	I08	**Interchange Date**	M	DT 6/6
		Date of the interchange.		
ISA10	I09	**Interchange Time**	M	TM 4/4
		Time of the interchange.		
ISA11	I10	**Interchange Control Standards Identifier**	M	ID 1/1
		Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer.		
		U	U.S. EDI Community of ASC X12, TDCC, and UCS	
ISA12	I11	**Interchange Control Version Number**	M	ID 5/5

This version number covers the interchange control segments.

    00400   Standard Issued as ANSI X12.5-1987

| **ISA13** | **I12** | **Interchange Control Number** | **M** | **N0 9/9** |

This number uniquely identifies the interchange data to the sender.   It is assigned by the sender.   Together with the sender ID it uniquely identifies the interchange data to the receiver.   It is suggested that the sender, receiver, and all third parties be able to maintain an audit trail of interchanges using this number.

| **ISA14** | **I13** | **Acknowledgment Requested** | **M** | **ID 1/1** |

Code sent by the sender to request an interchange acknowledgment.

    0   No Acknowledgment Requested

| **ISA15** | **I14** | **Test Indicator** | **M** | **ID 1/1** |

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

    P   Production Data
    T   Test Data

| **ISA16** | **I15** | **Subelement Separator** | **M** | **AN 1/1** |

This is a field reserved for future expansion in separating data element subgroups. (In the interest of a migration to international standards, this must be different from the data element separator).

Segment:	**GS** Functional Group Header		
Position:			
Loop:			
Level:	Not Defined		
Usage:	Mandatory		
Max Use:	1		
Purpose:	To indicate the beginning of a functional group and to provide control information		
Syntax Notes:			
Semantic Notes:	**1**	GS04 is the group date.	
	2	GS05 is the group time.	
	3	The data interchange control number GS06 in this header must be identical to the same data element in the associated Functional Group Trailer GE02.	
Comments:	**1**	A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.	
Notes:			

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
GS01	479	**Functional Identifier Code**	**M ID 2/2**
		Code identifying a group of application related transaction sets	
		IM Motor Carrier Freight Details and Invoice (210, 980)	
GS02	142	**Application Sender's Code**	**M AN 2/15**
		Code identifying party sending transmission; codes agreed to by trading partners	
GS03	124	**Application Receiver's Code**	**M AN 2/15**
		Code identifying party receiving transmission; codes agreed to by trading partners	
GS04	373	**Date**	**M DT 6/6**
		Date expressed as CCYYMMDD	
GS05	337	**Time**	**M TM 4/6**
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
GS06	28	**Group Control Number**	**M N0 1/9**
		Assigned number originated and maintained by the sender	
GS07	455	**Responsible Agency Code**	**M ID 1/2**
		Code used in conjunction with Data Element 480 to identify the issuer of the standard	
		X Accredited Standards Committee X12	
GS08	480	**Version / Release / Industry Identifier Code**	**M AN 1/12**
		Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed	
		004010 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1992	

Segment:	**ST** Transaction Set Header	
Position:	010	
Loop:		
Level:	Header	
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:		

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
ST01	**143**	**Transaction Set Identifier Code**	**M ID 3/3**
		Code uniquely identifying a Transaction Set	
		210　　　　　　　Motor Carrier Freight Details and Invoice	
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	

Segment:	**B3** **Beginning Segment for Carrier's Invoice**
Position:	020
Loop:	
Level:	Header
Usage:	Mandatory
Max Use:	1
Purpose:	To transmit basic data relating to the carrier's invoice
Syntax Notes:	1 If either B309 or B310 is present, then the other is required.
Semantic Notes:	1 B306 is the billing date.
	2 On collect freight bills the data in B309 will be the actual delivery date. For the shipments invoiced prior to delivery, the B309 will be the estimated date of delivery.
	3 If B314 is used, B304 will indicate the party or parties responsible for payment of the transportation terms identified in B314.
Comments:	
Notes:	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
B302	76	**Invoice Number**	M	AN 1/22
		Identifying number assigned by issuer		
B303	145	**Shipment Identification Number**	O	AN 1/30
		Identification number assigned to the shipment by the shipper that uniquely identifies the shipment from origin to ultimate destination and is not subject to modification; (Does not contain blanks or special characters)		
B304	146	**Shipment Method of Payment**	M	ID 2/2
		Code identifying payment terms for transportation charges		
		PP Prepaid (by Seller)		
B305	188	**Weight Unit Code**	O	ID 1/1
		Code specifying the weight unit		
		L Pounds		
B306	373	**Date**	M	DT 8/8
		Date expressed as CCYYMMDD		
B307	193	**Net Amount Due**	M	N2 1/12
		Total charges to be paid by the receiver of this transaction set expressed in the standard monetary denomination for the currency specified		
B309	32	**Delivery Date**	X	DT 8/8
		Date expressed as CCYYMMDD		
B310	374	**Date/Time Qualifier**	X	ID 3/3
		Code specifying type of date or time, or both date and time		
		035 Delivered		
		140 Actual		
B311	140	**Standard Carrier Alpha Code**	M	ID 2/4
		Standard Carrier Alpha Code		
B312	373	**Date**	O	DT 8/8
		Date expressed as CCYYMMDD		

Segment:	**C3** Currency
Position:	040
Loop:	
Level:	Header
Usage:	Optional
Max Use:	1
Purpose:	To specify the currency being used in the transaction set
Syntax Notes:	
Semantic Notes:	1 C301 is the billing currency.
	2 C303 is the payment currency.
	3 C304 is the rated currency.
Comments:	1 Currency is implied by the code for the country in whose currency the monetary amounts are specified.
Notes:	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
C301	100	**Currency Code**	M	ID 3/3
		Code (Standard ISO) for country in whose currency the charges are specified		
C302	280	**Exchange Rate**	O	R 4/10
		Value to be used as a multiplier conversion factor to convert monetary value from one currency to another		
C303	100	**Currency Code**	O	ID 3/3
		Code (Standard ISO) for country in whose currency the charges are specified		

Segment:	**N9** Reference Identification
Position:	060
Loop:	
Level:	Header
Usage:	Optional
Max Use:	300
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.
Semantic Notes:	1 N906 reflects the time zone which the time reflects.
	2 N907 contains data relating to the value cited in N902.
	3 N901 is the Standard Carrier Alpha Code (SCAC) of the interline carrier. This must be sent for third-party logistics providers
Comments:	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
N901	128	**Reference Identification Qualifier**	M ID 2/3

Code qualifying the Reference Identification.

BM	Bill of Lading Number
PO	Purchase Order Number
SCA	Standard Carrier Alpha Code

Ref. Des.	Data Element	Name	Attributes
N902	127	**Reference Identification**	X AN 1/30

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

Segment:	**G62** Date/Time			
Position:	070			
Loop:				
Level:	Header			
Usage:	Optional			
Max Use:	6			
Purpose:	To specify pertinent dates and times			
Syntax Notes:	1	At least one of G6201 or G6203 is required.		
	2	If either G6201 or G6202 is present, then the other is required.		
	3	If either G6203 or G6204 is present, then the other is required.		
Semantic Notes:				
Comments:				
Notes:				

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
G6201	432	**Date Qualifier**	X	ID 2/2
		Code specifying type of date		
		11 Shipped on This Date		
		35 Delivered on This Date		
		86 Actual Pickup Date		
G6202	373	**Date**	X	DT 8/8
		Date expressed as CCYYMMDD		
G6203	176	**Time Qualifier**	X	ID 1/2
		Code specifying the reported time		
		8 Actual Pickup Time		
G6203	337	**Time**	X	TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		

Segment:	**K1** Remarks
Position:	100
Loop:	
Level:	Header
Usage:	Optional
Max Use:	10
Purpose:	To transmit information in a free-form format for comment or special instruction
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
K101	**61**	**Free-Form Message**	**M AN 1/30**
		Free-form information	

Segment:	**N1** Name
Position:	110
Loop:	N1 Optional
Level:	Header
Usage:	Mandatory
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:	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
N101	**98**	**Entity Identifier Code**	**M ID 2/3**
		Code identifying an organizational entity, a physical location, or an individual	
		SH Shipper	
		CN Consignee	
		BT Bill-to-Party	
N102	**93**	**Name**	**X AN 1/60**
		Free-form name	
N103	**66**	**Identification Code Qualifier**	**X ID 1/2**
		Code designating the system/method of code structure used for Identification Code (67)	
		AC Carrier Account	
N104	**67**	**Identification Code**	**M AN 2/17**
		Account Number with carrier (Shipped account when applicable SH, billed account when applicable BT)	

Segment: **N3** Address Information

Position: 130
Loop: N1   Optional
Level: Header
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:
Notes:

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
N301	166	**Address Information**	M	AN 1/55
		Address information		
N302	166	**Address Information**	O	AN 1/55
		Address information		

Segment:		# N4 Geographic Location	
Position:	140		
Loop:	N1	Optional	
Level:	Header		
Usage:	Optional		
Max Use:	1		
Purpose:	To specify the geographic place of the named party		
Syntax Notes:	1	If N406 is present, then N405 is required.	
Semantic Notes:			
Comments:	1	A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.	
	2	N402 is required only if city name (N401) is in the USA or Canada.	
Notes:			

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
N401	19	**City Name**	O	**AN 2/30**
		Free-form text for city name		
N402	156	**State or Province Code**	O	**ID 2/2**
		Code (Standard State/Province) as defined by appropriate government agency		
N403	116	**Postal Code**	O	**ID 3/15**
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
N404	26	**Country Code**	O	**ID 2/3**
		Code identifying the country		

Segment:	**LX** Assigned Number	
Position:	120	
Loop:	LX	Optional
Level:	Detail	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To reference a line number in a transaction set	
Syntax Notes:		
Semantic Notes:		
Comments:		
Notes:		

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
LX01	**554**	**Assigned Number**	**M N0 1/6**
		Number assigned for differentiation within a transaction set	

Segment:	**L5** Description, Marks and Numbers
Position:	140
Loop:	LX Optional
Level:	Detail
Usage:	Optional
Max Use:	30
Purpose:	To specify the line item in terms of description, quantity, packaging, and marks and numbers
Syntax Notes:	1 If either L503 or L504 is present, then the other is required.
	2 If L507 is present, then L506 is required.
	3 If either L508 or L509 is present, then the other is required.
Semantic Notes:	
Comments:	1 L502 may be used to send quantity information as part of the product description.
Notes:	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
L501	213	**Lading Line Item Number**	O	N0 1/3
		Sequential line number for a lading item		
L502	79	**Lading Description**	O	AN 1/50
		Description of an item as required for rating and billing purposes		
L503	22	**Commodity Code**	X	AN 1/30
		Code describing a commodity or group of commodities		
L504	23	**Commodity Code Qualifier**	X	ID 1/1
		Code identifying the commodity coding system used for Commodity Code		

    N   National Motor Freight Classification (NMFC)
    T   Standard Transportation Commodity Code (STCC)

Segment:	**L0** Line Item - Quantity and Weight
Position:	170
Loop:	LX Optional
Level:	Detail
Usage:	Optional
Max Use:	10
Purpose:	To specify quantity, weight, volume, and type of service for a line item including applicable "quantity/rate-as" data

Syntax Notes:	1	If either L002 or L003 is present, then the other is required.
	2	If either L004 or L005 is present, then the other is required.
	3	If either L006 or L007 is present, then the other is required.
	4	If either L008 or L009 is present, then the other is required.
	5	If L011 is present, then L004 is required.
	6	If either L013 or L015 is present, then the other is required.
Semantic Notes:	1	L008 is the number of handling units of the line item tendered to the carrier.
	2	L013 can only be used if the code in L009 is PLT, SKD, or SLP.
	3	L015 designates whether the carrier will be required to verify the number of units contained on a pallet, slip sheet or skid. Code "Y" indicates that the carrier will be required to verify. Code "N" indicates that the carrier will not be required to verify.
Comments:	1	L013 is used to convey the total number of boxes, cartons, or pieces contained on a pallet, skid, or slip sheet for the line item.
Notes:		

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
L001	213	**Lading Line Item Number**	O	N0 1/3
		Sequential line number for a lading item		
L002	220	**Billed/Rated-as Quantity**	X	R 1/11
		Basis for rating (miles, value, volume, etc.); Note: Weight may be defined by either data element 220 or 81		
L003	221	**Billed/Rated-as Qualifier**	X	ID 2/2
		Code identifying the type of quantity or value on which the rate or item pricing is based		
		LB Pound		
		LC 100 Pounds		
L004	81	**Weight**	M	ID 2/2
		Numeric value of weight		
L005	187	**Weight Qualifier**	X	ID 1/2
		Code defining the type of weight		
		G Gross Weight		
		N Actual Net Weight		
		F Deficit Weight		
		B Billed Weight		
		T Tare Weight		

L008	80	**Lading Quantity**		X	N0 1/7
		Number of units (pieces) of the lading commodity			
L009	211	**Packaging Form Code**		X	ID 3/3
		Code for packaging form of the lading quantity			
		PCS	Pieces		
		PLT	Pallet		
		SKD	Skid		
L011	188	**Weight Qualifier**		O	ID 1/1
		Code defining the type of weight			
		E	Metric Ton		
		G	Grams		
		K	Kilograms		
		L	Pounds		
		M	Measurement Ton		
		O	Ounces		
		S	Short Ton		
		T	Long Ton		

Segment:	**L1** Rate and Charges

Position:	180
Loop:	LX Optional
Level:	Detail
Usage:	Optional
Max Use:	10
Purpose:	To specify rate and charges detail relative to a line item including freight charges, advances, special charges, and entitlements
Syntax Notes:	1 If either L102 or L103 is present, then the other is required.
	2 At least one of L104, L105 or L106 is required.
	3 If either L114 or L115 is present, then the other is required.
	4 If either L117 or L118 is present, then the other is required.
Semantic Notes:	1 L119 is the percent used to determine the charge in L104.
	2 L120, if used, indicates the currency for all monetary amounts in this L1 segment.
	3 L121 is the origin rated as charge amount.
Comments:	
Notes:	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
L101	**213**	**Lading Line Item Number**	**O** **N0 1/3**
		Sequential line number for a lading item	
L102	**60**	**Freight Rate**	**X** **R 1/9**
		Rate that applies to the specific commodity	
L103	**122**	**Billed/Rated-as Qualifier**	**X** **ID 2/2**
		Code identifying the type of quantity or value on which the rate or item pricing is based	

    CT   Charge or Credit Based on Percentage of Total
    MN   Minimum
    PH   Per Hundred (of Basic Unit)

Ref. Des.	Data Element	Name	Attributes
L104	**58**	**Charge**	**X** **N2 1/12**
		For a line item: freight or special charge; for the total invoice: the total charges – expressed in the standard monetary denomination for the currency specified	
L108	**150**	**Special Charge or Allowance Code**	**O** **ID 3/3**
		Code identifying type of special charge or allowance	

    405   Fuel Surcharge
    DAA   Deficit Freight
    DSC   Discount
    FUE   Fuel Charge
    IDL   Inside Delivery
    LFT   Lift Gate (Truck) or Forklift Service at Pick-up/Delivery
    SSF   Single Shipment Fee
    STC   State Surcharge

Ref. Des.	Data Element	Name	Attributes
L112	**276**	**Special Charge Description**	**O** **AN 2/25**
		Identification of special charge; this data element is used whenever an applicable code cannot be found in data element 150	

Segment:	**L7** Tariff Reference
Position:	200
Loop:	LX Optional
Level:	Detail
Usage:	Optional
Max Use:	10
Purpose:	To reference details of the tariff used to arrive at applicable rates or charge
Syntax Notes:	
Semantic Notes:	1 L710 is the effective date.
	1 In L715 and L716, "City" and "State" are used for rate combination city and state.
Comments:	
Notes:	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
L701	**213**	**Lading Line Item Number**	O	N0 1/3
		Sequential line number for a lading item		
L702	**168**	**Tariff Agency Code**	O	ID 1/4
		Code defining the tariff bureau or tariff publishing agent that governs the rates applied to this shipment		
L703	**171**	**Tariff Number**	O	AN 1/7
		Standard tariff number for the tariff which governs the rates applied to the commodity item(s)		
L707	**59**	**Freight Class Code**	O	AN 2/5
		Code indicating generalized classification that applies to one or more items in the shipment, i.e., class 70, 77.5, etc.		
L713	**294**	**Tariff Distance**	O	N0 1/5
		Distance on which the rate for a shipment is based		
L714	**295**	**Distance Qualifier**	O	ID 1/1
		Code identifying the distance unit		
		T Tariff Miles		

Segment:	**L3** Total Weight and Charges		
Position:	010		
Loop:			
Level:	Summary		
Usage:	Optional		
Max Use:	1		
Purpose:	To specify the total shipment in terms of weight, volume, rates, charges, advances, and prepaid amounts applicable to one or more line items		
Syntax Notes:	1	If either L301 or L302 is present, then the other is required.	
	2	If either L303 or L304 is present, then the other is required.	
	3	If either L309 or L310 is present, then the other is required.	
	4	If L312 is present, then L301 is required.	
	5	If either L314 or L315 is present, then the other is required.	
Semantic Notes:	1	L305 is the total charges.	
Comments:			
Notes:			

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
L301	81	**Weight**	**X** **R 1/10**
		Numeric value of weight	
L302	187	**Weight Qualifier**	**X** **ID 1/2**
		Code defining the type of weight	
		G Gross Weight	
		B Billed Weight	
L305	58	**Charge**	**O** **N2 1/12**
		For a line item: freight or special charge; for the total invoice: the total charges – expressed in the standard monetary denomination for the currency specified	
L311	80	**Lading Quantity**	**O** **N0 1/7**
		Number of units (pieces) of the lading commodity	
L312	188	**Weight Unit Code**	**O** **ID 1/1**
		Code specifying the weight unit	
		L Pounds	

Segment: **SE** **Transaction Set Trailer**
Position: 020
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:

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
SE01	96	**Number of Included Segments**	M N0 1/10
		Total number of segments included in a transaction set including ST and SE segments	
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	

Segment:	**GE** Functional Group Trailer	
Position:		
Loop:		
Level:	Not Defined	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To indicate the end of a functional group and to provide control information	
Syntax Notes:		
Semantic Notes:	1	The data interchange control number GE02 in this trailer must be identical to the same data element in the associated Functional Group Header GS06.
Comments:	1	The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.
Notes:		

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
GE01	**97**	**Number of Transaction Sets Included**	**M N0 1/6**
		Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	
GE02	**28**	**Group Control Number**	**M N0 1/9**
		Assigned number originated and maintained by the sender	

Segment:	**IEA** Interchange Control Trailer
Position:	
Loop:	
Level:	Not Defined
Usage:	Mandatory
Max Use:	1
Purpose:	To define the end of an interchange of one or more functional groups and interchange-related control segments.
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
IEA01	I16	**Number of Included Functional Groups**	M	N0 1/5
		A count of the number of functional groups included in a transmission.		
IEA02	I12	**Interchange Control Number**	M	N0 9/9
		This number uniquely identifies the interchange data to the sender. It is assigned by the sender. Together with the sender ID it uniquely identifies the interchange data to the receiver. It is suggested that the sender, receiver, and all third parties be able to maintain an audit trail of interchanges using this number.		