

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.

Heading:

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4	010	ST	Transaction Set Header	M	1		
5	020	B3	Beginning Segment for Carrier's Invoice	M	1		
Not Used	030	C2	Bank ID	O	1		
7	040	C3	Currency	O	1		
8	050	ITD	Terms of Sale/Deferred Terms of Sale	O	1		
10	060	N9	Reference Identification	O	300		
12	070	G62	Date/Time	O	6		
Not Used	080	R3	Route Information - Motor	O	12		
Not Used	090	H3	Special Handling Instructions	O	6		
13	100	K1	Remarks	O	10		
LOOP ID - 0100						10	
14	110	N1	Name	O	1		
16	120	N2	Additional Name Information	O	1		
Not Used	130	N3	Address Information	O	2		
Not Used	140	N4	Geographic Location	O	1		
17	150	N9	Reference Identification	O	5		
LOOP ID - 0200						10	
Not Used	160	N7	Equipment Details	O	1		
Not Used	170	M7	Seal Numbers	O	2		
LOOP ID - 0250						999999	
Not Used	180	SPO	Shipment Purchase Order Detail	O	1		
Not Used	185	SDQ	Destination Quantity	O	10		

Detail:

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LOOP ID - 0300						999	
Not Used	010	S5	Stop-off Details	O	1		n1
Not Used	020	N9	Reference Identification	O	10		

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Not Used	030	G62	Date/Time	O	10	
Not Used	040	H3	Special Handling Instructions	O	6	
LOOP ID - 0305					999999	
Not Used	045	SPO	Shipment Purchase Order Detail	O	1	
Not Used	047	SDQ	Destination Quantity	O	10	
LOOP ID - 0310					2	
Not Used	050	N1	Name	O	1	
Not Used	060	N2	Additional Name Information	O	1	
Not Used	070	N3	Address Information	O	2	
Not Used	080	N4	Geographic Location	O	1	
Not Used	090	N9	Reference Identification	O	5	
LOOP ID - 0320					10	
Not Used	100	N7	Equipment Details	O	1	
Not Used	110	M7	Seal Numbers	O	2	
LOOP ID - 0400					9999	
19	120	LX	Assigned Number	O	1	
Not Used	130	N9	Reference Identification	O	5	
Not Used	137	POD	Proof of Delivery	O	1	
Not Used	140	L5	Description, Marks and Numbers	O	30	
Not Used	150	H1	Hazardous Material	O	3	
Not Used	160	H2	Additional Hazardous Material Description	O	2	
20	170	L0	Line Item - Quantity and Weight	O	10	
22	180	L1	Rate and Charges	O	10	
Not Used	190	L4	Measurement	O	10	
24	200	L7	Tariff Reference	O	10	
Not Used	210	K1	Remarks	O	10	
LOOP ID - 0430					999999	
Not Used	220	SPO	Shipment Purchase Order Detail	O	1	
Not Used	230	SDQ	Destination Quantity	O	10	
LOOP ID - 0460					999999	
Not Used	240	N1	Name	O	1	n2
Not Used	250	N2	Additional Name Information	O	1	
Not Used	260	N3	Address Information	O	2	
Not Used	270	N4	Geographic Location	O	1	
Not Used	280	N9	Reference Identification	O	10	
LOOP ID - 0463					999999	
Not Used	300	CD3	Carton (Package) Detail	O	1	
Not Used	310	N9	Reference Identification	O	20	
Not Used	320	H6	Special Services	O	10	
Not Used	330	L9	Charge Detail	O	10	
Not Used	335	POD	Proof of Delivery	O	1	
Not Used	340	G62	Date/Time	O	1	
LOOP ID - 0465					999999	
Not Used	350	SPO	Shipment Purchase Order Detail	O	1	
Not Used	360	SDQ	Destination Quantity	O	10	

Summary:

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Not Used	010	L3	Total Weight and Charges	O	1		
26	020	SE	Transaction Set 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: **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:

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 210 Motor Carrier Freight Details and Invoice
			M ID 3/3
M	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set
			M AN 4/9
			<i>A unique number assigned by the originator of the transaction set, or the originator's application. The same number is carried in SE02.</i>

Segment: **B3** Beginning Segment for Carrier's Invoice
Position: 020
Loop:
Level: Heading
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:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Not Used	B301	147	Shipment Qualifier		O ID 1/1
				Code defining relationship of this shipment with respect to other shipments given to the carrier at the same time	
M	B302	76	Invoice Number		M AN 1/22
				Identifying number assigned by issuer	
				<i>Transportation service provider's unique invoice number.</i>	
	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)	
				<i>U.S. Government unique number representing a contract for transportation services. The number is made up of one or two alpha characters followed by six or seven numbers. Do not use any punctuation or special characters. This element must be used.</i>	
M	B304	146	Shipment Method of Payment		M ID 2/2
				Code identifying payment terms for transportation charges	
				CC Collect	
				PP Prepaid (by Seller)	
Not Used	B305	188	Weight Unit Code		O ID 1/1
				Code specifying the weight unit	
M	B306	373	Date		M DT 8/8
				Date expressed as CCYYMMDD	
				<i>Date the invoice is issued. Use date format CCYYMMDD.</i>	
M	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

Total transportation charges including line haul, accessorial, miscellaneous, and surcharges. Implied decimal at second position from right.

	B308	202	Correction Indicator	O ID 2/2
			Code used to indicate that the transaction set contains information which corrects previous information	
			<i>If the invoice is submitted for the first time (original invoice), this data field is not used.</i>	
			AD Adjustment of Previous Freight Bill Charges	
			CA Cancelled Bill	
	B309	32	Delivery Date	O DT 8/8
			Date for delivery of cargo to final consignee or to next mode expressed in format CCYYMMDD	
			<i>Date shipment is delivered to consignee. Not required for submission of supplemental invoices. Qualify in B310.</i>	
	B310	374	Date/Time Qualifier	O ID 3/3
			Code specifying type of date or time, or both date and time	
			035 Delivered	
M	B311	140	Standard Carrier Alpha Code	M ID 2/4
			Standard Carrier Alpha Code	
			<i>Use the SCAC of the carrier that issues the invoice.</i>	
Not Used	B312	373	Date	O DT 8/8
			Date expressed as CCYYMMDD	
Not Used	B313	375	Tariff Service Code	O ID 2/2
			Code specifying the types of services for rating purposes	
Not Used	B314	335	Transportation Terms Code	O ID 3/3
			Code identifying the trade terms which apply to the shipment transportation responsibility	

Segment: **C3** Currency
Position: 040
Loop:
Level: Heading
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.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	C301	100	Currency Code	M ID 3/3
			Code (Standard ISO) for country in whose currency the charges are specified	
			<i>Currency must be in US Dollars.</i>	
Not Used	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	
Not Used	C303	100	Currency Code	O ID 3/3
			Code (Standard ISO) for country in whose currency the charges are specified	
Not Used	C304	100	Currency Code	O ID 3/3
			Code (Standard ISO) for country in whose currency the charges are specified	

Segment: **ITD** Terms of Sale/Deferred Terms of Sale
Position: 050
Loop:
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify terms of sale
Syntax Notes: 1 If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required.
 2 If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required.
 3 If ITD09 is present, then at least one of ITD10 or ITD11 is required.
Semantic Notes: 1 ITD15 is the percentage applied to a base amount used to determine a late payment charge.
Comments: 1 If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.

Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
Not Used	ITD01	336	Terms Type Code	O ID 2/2
			Code identifying type of payment terms	
Not Used	ITD02	333	Terms Basis Date Code	O ID 1/2
			Code identifying the beginning of the terms period	
	ITD03	338	Terms Discount Percent	O R 1/6
			Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date	
			<i>Discount terms, expressed as a percent, available to the purchaser if an invoice is paid on or before the number of discount days has expired. Decimal point is optional for integer values but required for decimal values. Express accuracy to hundredths of a percent (i.e., 1.5 percent is expressed as 1.50).</i>	
Not Used	ITD04	370	Terms Discount Due Date	C DT 8/8
			Date payment is due if discount is to be earned expressed in format CCYYMMDD	
	ITD05	351	Terms Discount Days Due	O N0 1/3
			Number of days in the terms discount period by which payment is due if terms discount is earned	
			<i>The number of days in the terms discount period by which payment is due if terms discount is earned.</i>	
Not Used	ITD06	446	Terms Net Due Date	O DT 8/8
			Date when total invoice amount becomes due expressed in format CCYYMMDD	
Not Used	ITD07	386	Terms Net Days	O N0 1/3

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			Number of days until total invoice amount is due (discount not applicable)	
Not Used	ITD08	362	Terms Discount Amount	O N2 1/10
			Total amount of terms discount	
Not Used	ITD09	388	Terms Deferred Due Date	O DT 8/8
			Date deferred payment or percent of invoice payable is due expressed in format CCYYMMDD	
Not Used	ITD10	389	Deferred Amount Due	C N2 1/10
			Deferred amount due for payment	
Not Used	ITD11	342	Percent of Invoice Payable	C R 1/5
			Amount of invoice payable expressed in percent	
Not Used	ITD12	352	Description	O AN 1/80
			A free-form description to clarify the related data elements and their content	
Not Used	ITD13	765	Day of Month	C N0 1/2
			The numeric value of the day of the month between 1 and the maximum day of the month being referenced	
Not Used	ITD14	107	Payment Method Code	O ID 1/2
			Code identifying type of payment procedures	
Not Used	ITD15	954	Percent	O R 1/10
			Percentage expressed as a decimal	

Segment: **N9 Reference Identification**
Position: 060
Loop:
Level: Heading
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.

Comments:

Notes: *At least one occurrence of this segment is required with code 'PQ' in N901.*

Data Element Summary

Ref.	Data Element	Name	Attributes
M	N901	128 Reference Identification Qualifier	M ID 2/3
		Code qualifying the Reference Identification	
		AD Acceptable Source DUNS Number	
		AR Arrival Code	
		<i>This code is for use by the DoD finance center only for post payment EDI transactions.</i>	
		CN Carrier's Reference Number (PRO/Invoice)	
		<i>For use by the transportation carrier to express a reference number other than the invoice number. When used, indicate the applicable Carrier Reference Number in N902.</i>	
		PQ Payee Identification	
		<i>Identification number assigned by DoD payment center.</i>	
		W7 Commercial and Government Entity (CAGE) Code	
		Code that identifies a commercial contractor authorized to do business with the U.S. Government	
N902	127	Reference Identification	O AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
		<i>1. When N901 is 'AR', this value indicates the medium of input for the original transaction. Code value 'E' is used to indicate original invoice is an EDI transaction and code value 'P' to indicate the transaction was received as a paper invoice.</i>	
N903	369	Free-form Description	O AN 1/45
		Free-form descriptive text	

When N901 is 'PQ', this field must contain the Zip code of the location the payee authorizes payment to be sent. Must match payee information on file at payment center.

Not Used	N904	373	Date Date expressed as CCYYMMDD	O DT 8/8
Not Used	N905	337	Time 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)	C TM 4/8
Not Used	N906	623	Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	O ID 2/2
Not Used	N907	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O
Not Used	C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification	M ID 2/3
Not Used	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
Not Used	C04003	128	Reference Identification Qualifier Code qualifying the Reference Identification	O ID 2/3
Not Used	C04004	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	O AN 1/30
Not Used	C04005	128	Reference Identification Qualifier Code qualifying the Reference Identification	O ID 2/3
Not Used	C04006	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	O AN 1/30

Segment: **G62** Date/Time
Position: 070
Loop:
Level: Heading
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: *At least one occurrence of this segment is required, except when submitting a supplemental invoice.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	G6201	432 Date Qualifier Code specifying type of date 86 Actual Pickup Date	O ID 2/2
Must Use	G6202	373 Date Date expressed as CCYYMMDD <i>Date carrier picked up shipment.</i>	O DT 8/8
Must Use	G6203	176 Time Qualifier Code specifying the reported time 8 Actual Pickup Time <i>Time carrier picked up shipment.</i>	O ID 1/2
Must Use	G6204	337 Time 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) <i>Use format HHMM.</i>	O TM 4/8
Not Used	G6205	623 Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	O ID 2/2

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

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	K101	61	Free-Form Message Free-form information <i>1. Use this segment to indicate damage and/or shortage apparent upon delivery by entering code 'D' in this element. 2. Use this segment to indicate that a waiver has been received by entering 'W' in this element.</i>	M AN 1/30
Not Used	K102	61	Free-Form Message Free-form information	O AN 1/30

Segment: **N1** Name
Position: 110
Loop: 0100 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.

Semantic Notes:

Comments: 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
 2 N105 and N106 further define the type of entity in N101.

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	
		BT Bill-to-Party	
		CA Carrier	
		<i>Put the full name of the Air/Ocean Carrier in N102.</i>	
		CN Consignee	
		DC Destination Carrier	
		IU Issuer	
		OC Origin Carrier	
		T4 Transfer Point	
		A geographic location where a shipment is transferred or diverted to a new destination	
		TR Terminal	
N102	93	Name	O AN 1/60
		Free-form name	
		<i>When N101 is code 'CA', enter the name of the Air/Ocean Carrier in this field to certify use of air/ocean carrier for international shipments.</i>	
N103	66	Identification Code Qualifier	O ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
		2 Standard Carrier Alpha Code (SCAC)	
		9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	

			20	Standard Point Location Code (SPLC)	
			27	Government Bill Of Lading Office Code (GBLOC)	
N104	67	Identification Code			O AN 2/80
				Code identifying a party or other code	
				<i>1. To indicate the issuing office GBLOC, enter the qualifier 'I' in N101, '27' in N103 and enter the Code of Government office that issues GBL in this field.</i>	
				<i>2. To indicate the Consignee GBLOC, enter the qualifier 'CN' in N101, '27' in N103 and the Code of Government office responsible for shipment at destination in this field. Not required for GBL freight shipments.</i>	
				<i>3. To indicate the DUNS or DUNS + 4, enter qualifier 'BT' in N101, '1' in N103 to indicate the nine digit D-U-N-S Number or '9' in N103 to indicate the thirteen digit D-U-N-S number in this field.</i>	
				<i>4. To indicate the Commercial and Government Entity (CAGE) Code, enter 'BT' in N101 and the six digit CAGE code in this field.</i>	
				<i>5. To indicate the Tendered to SCAC, enter the qualifier '2' in N103 and the SCAC of tendered to transportation carrier in this field.</i>	
				<i>6. To indicate the Destination Transportation Company SCAC, enter the qualifier 'DC' in N101, '2' in N103 and the SCAC of transportation carrier making the delivery in this field. Required for GBL freight shipments only.</i>	
				<i>7. To indicate the Diversion/Reconsignment From SPLC, enter the qualifier '20' in N103 and the SPLC of location where diversion occurs in this field. Required for GBL freight shipments only.</i>	
Not Used	N105	706		Entity Relationship Code	O ID 2/2
				Code describing entity relationship	
Not Used	N106	98		Entity Identifier Code	O ID 2/3
				Code identifying an organizational entity, a physical location, property or an individual	

Segment: **N2 Additional Name Information**
Position: 120
Loop: 0100 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
M	N201	93 Name Free-form name	M AN 1/60
<i>When N101 is 'CA' enter the name of the Ocean carrier's vessel in this element.</i>			
Not Used	N202	93 Name Free-form name	O AN 1/60

Segment: **N9 Reference Identification**
Position: 150
Loop: 0100 Optional
Level: Heading
Usage: Optional
Max Use: 5
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.

Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	N901	128	Reference Identification Qualifier Code qualifying the Reference Identification AW Air Waybill Number OB Ocean Bill of Lading XC Cargo Control 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 <i>1. When N901 is 'AW' or 'OB', enter the Air or Ocean Bill of Lading number.</i> <i>2. When N901 is 'XC', enter the cargo control number to certify U.S. Flag waiver issued.</i>	O AN 1/30
	N903	369	Free-form Description Free-form descriptive text <i>When N901 is 'XC', enter the cargo control number to certify U.S. Flag waiver issued. Qualify in N901.</i>	O AN 1/45
Not Used	N904	373	Date Date expressed as CCYYMMDD	O DT 8/8
Not Used	N905	337	Time 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)	C TM 4/8
Not Used	N906	623	Time Code Code identifying the time. In accordance with International Standards	O ID 2/2

Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

Not Used	N907	C040	Reference Identifier	O
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	
Not Used	C04001	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
Not Used	C04002	127	Reference Identification	M AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	C04003	128	Reference Identification Qualifier	O ID 2/3
			Code qualifying the Reference Identification	
Not Used	C04004	127	Reference Identification	O AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	C04005	128	Reference Identification Qualifier	O ID 2/3
			Code qualifying the Reference Identification	
Not Used	C04006	127	Reference Identification	O AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

Segment: **LX** Assigned Number
Position: 120
Loop: 0400 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To reference a line number in a transaction set
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	LX01	554	Assigned Number	M N0 1/6
			Number assigned for differentiation within a transaction set	
			<i>Assign a sequential number less than 1000 for each charge type including line haul, accessorial, miscellaneous, and authorized surcharges. Use one LX loop for each charge expressed in L108.</i>	

Segment: **L0** Line Item - Quantity and Weight

Position: 170

Loop: 0400 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.

Data Element Summary

Ref.	Data		Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	
Not Used	L001	213 Lading Line Item Number	O N0 1/3
		Sequential line number for a lading item	
	L002	220 Billed/Rated-as Quantity	O 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	O ID 2/2
		Code identifying the type of quantity or value on which the rate or item pricing is based	
		<i>See billing instructions from DoD Payment Center for application of qualifiers.</i>	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
	L004	81 Weight	O R 1/10
		Numeric value of weight	
	L005	187 Weight Qualifier	O ID 1/2
		Code defining the type of weight	
		B Billed Weight	
Not Used	L006	183 Volume	C R 1/8
		Value of volumetric measure	

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Not Used	L007	184	Volume Unit Qualifier Code identifying the volume unit	C ID 1/1
Not Used	L008	80	Lading Quantity Number of units (pieces) of the lading commodity	C N0 1/7
Not Used	L009	211	Packaging Form Code Code for packaging form of the lading quantity	C ID 3/3
Not Used	L010	458	Dunnage Description Material used to protect lading	O AN 2/25
	L011	188	Weight Unit Code Code specifying the weight unit L Pounds	O ID 1/1
Not Used	L012	56	Type of Service Code Code specifying extent of transportation service requested	O ID 2/2
Not Used	L013	380	Quantity Numeric value of quantity	C R 1/15
Not Used	L014	211	Packaging Form Code Code for packaging form of the lading quantity	O ID 3/3
Not Used	L015	1073	Yes/No Condition or Response Code Code indicating a Yes or No condition or response	C ID 1/1

Segment: **L1 Rate and Charges**
Position: 180
Loop: 0400 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:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Not Used	L101	213 Lading Line Item Number Sequential line number for a lading item	O N0 1/3
Not Used	L102	60 Freight Rate Rate that applies to the specific commodity	C R 1/9
Not Used	L103	122 Rate/Value Qualifier Code qualifying how to extend charges or interpret value	C ID 2/2
	L104	58 Charge 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 <i>Charge for each service identified in L108. Implied decimal at second position from right.</i>	O N2 1/12
Not Used	L105	191 Advances Incidental charges occurring during transportation which are not generally considered to be freight charges (examples - stop charges, diversion and reconsignment, icing) expressed in the standard monetary denomination for the currency specified	C N2 1/9
Not Used	L106	117 Prepaid Amount Money paid at point of origin (usually by shipper) expressed in the standard monetary denomination for the currency specified	C N2 1/9
Not Used	L107	120 Rate Combination Point Code The code denoting the connecting station for a joint rate obtained by combining two or more published rates which are used for the calculation	O AN 3/9

			of transportation charges	
	L108	150	Special Charge or Allowance Code	O ID 3/3
			Code identifying type of special charge or allowance	
			<i>Services regulated by the Military Traffic Management Command (MTMC). See Billing Instructions available from DoD Payment Center for information on application of codes.</i>	
Not Used	L109	121	Rate Class Code	O ID 1/3
			Code identifying specifically designated class of goods; Note: For international air shipments, see IATA Resolution 600k	
Not Used	L110	39	Entitlement Code	O ID 1/1
			Code identifying entitlement party	
Not Used	L111	16	Charge Method of Payment	O ID 1/1
			Code defining method of payment	
	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	
			<i>Use a free-form description of any third party or miscellaneous service code identified in L108. See Billing Instructions available from DoD Payment Center for more information.</i>	
Not Used	L113	257	Tariff Application Code	O ID 1/1
			Code indicating to which traffic a tariff applies	
Not Used	L114	74	Declared Value	C N2 2/12
			Monetary assigned value expressed in the standard monetary denomination for the currency specified	
Not Used	L115	122	Rate/Value Qualifier	C ID 2/2
			Code qualifying how to extend charges or interpret value	
Not Used	L116	372	Lading Liability Code	O ID 1/1
			Code identifying limits of liability	
Not Used	L117	220	Billed/Rated-as Quantity	C R 1/11
			Basis for rating (miles, value, volume, etc.); Note: Weight may be defined by either data element 220 or 81	
Not Used	L118	221	Billed/Rated-as Qualifier	C ID 2/2
			Code identifying the type of quantity or value on which the rate or item pricing is based	
Not Used	L119	954	Percent	O R 1/10
			Percentage expressed as a decimal	
Not Used	L120	100	Currency Code	O ID 3/3
			Code (Standard ISO) for country in whose currency the charges are specified	
Not Used	L121	610	Amount	O N2 1/15
			Monetary amount	

Segment: **L7** **Tariff Reference**
Position: 200
Loop: 0400 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.
- 2 In L715 and L716, "City" and "State" are used for rate combination city and state.

Comments:

Data Element Summary

	Ref.	Data	Attributes
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Not Used	L701	213 Lading Line Item Number Sequential line number for a lading item	O N0 1/3
Not Used	L702	168 Tariff Agency Code Code defining the tariff bureau or tariff publishing agent that governs the rates applied to this shipment	O ID 1/4
Not Used	L703	171 Tariff Number Standard tariff number for the tariff which governs the rates applied to the commodity item(s)	O AN 1/7
Not Used	L704	172 Tariff Section Number used as an extension of the basic tariff number to identify the rates published within specific sections of the tariff	O AN 1/2
Not Used	L705	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	O AN 1/16
Not Used	L706	170 Tariff Item Part Number assigned to subsection of a specific tariff item (arbitrary)	O N0 1/2
Not Used	L707	59 Freight Class Code Code indicating generalized classification that applies to one or more items in the shipment, i.e., class 70, 77.5, etc.	O AN 2/5
Not Used	L708	173 Tariff Supplement Identifier Identifier for the tariff supplement which contains the rate used	O AN 1/4
Not Used	L709	46 Ex Parte Level of rates as published in the tariff	O AN 4/4
Not Used	L710	373 Date Date expressed as CCYYMMDD	O DT 8/8
Not Used	L711	119 Rate Basis Number	O AN 1/6

Not Used	L712	227	<p>The (mileage) factor published for rating purposes in the appropriate tariff</p> <p>Tariff Column</p> <p>A tariff commodity classification that is used, as a means of control, for grouping of commodities in tariff applications</p>	O AN 1/2
	L713	294	<p>Tariff Distance</p> <p>Distance on which the rate for a shipment is based</p> <p><i>Mileage used in calculating mileage-related charges. Qualify in L714.</i></p>	O N0 1/5
	L714	295	<p>Distance Qualifier</p> <p>Code identifying the distance unit</p> <p>T Tariff Miles</p>	O ID 1/1
Not Used	L715	19	<p>City Name</p> <p>Free-form text for city name</p>	O AN 2/30
Not Used	L716	156	<p>State or Province Code</p> <p>Code (Standard State/Province) as defined by appropriate government agency</p>	O ID 2/2

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.

Data Element Summary

	Ref.	Data		
	Des.	Element	Name	Attributes
M	SE01	96	Number of Included Segments	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
			<i>Total segments in this transaction set including the ST and SE Segments.</i>	
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	
			<i>This data element ends the transaction set and should match the number that appears in the ST02 at the beginning of the transaction set.</i>	