

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:

	<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	B3	Beginning Segment for Carrier's Invoice	M		1	
	040	C3	Currency	O		1	
	060	N9	Reference Identification	O	300		
	070	G62	Date/Time	O		6	
	080	R3	Route Information - Motor	O		12	
	100	K1	Remarks	O		10	
LOOP ID - 0100						10	
	110	N1	Name	O		1	
	130	N3	Address Information	O		2	
	140	N4	Geographic Location	O		1	
	150	N9	Reference Identification	O		5	
LOOP ID - 0200						10	
	160	N7	Equipment Details	O		1	

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						999	
	010	S5	Stop-off Details	O		1	n1
LOOP ID - 0400						9999	
	120	LX	Assigned Number	O		1	
	130	N9	Reference Identification	O		5	
	140	L5	Description, Marks and Numbers	O		30	
	170	L0	Line Item - Quantity and Weight	O		10	
	180	L1	Rate and Charges	O		10	
	200	L7	Tariff Reference	O		10	
	210	K1	Remarks	O		10	

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>
	010	L3	Total Weight and Charges	O		1	
M	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.

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:
Business Rules: Variable Name: STST

Data Element Summary

	<u>Ref. Des.</u>	<u>Data 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

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:
Notes: B3**1559108A*43585700001*PP*L*20130707*76908**20130808*140*KRSK

Data Element Summary

Ref.	Data Element	Name	Attributes
M	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)	
		Mandatory for 3M	
		Bill of Lading Number	
M	B304	146 Shipment Method of Payment	M ID 2/2
		Code identifying payment terms for transportation charges	
		CC Collect	
		PP Prepaid (by Seller)	
		TP Third Party Pay	
	B305	188 Weight Unit Code	O ID 1/1
		Code specifying the weight unit	
		K Kilograms	
		L Pounds	
M	B306	373 Date	M DT 8/8
		Date expressed as CCYYMMDD	
		Invoice Date	
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 Net Amount	
		3M is unable to accept a negative dollar amount	
	B308	202 Correction Indicator	O ID 2/2
		Code used to indicate that the transaction set contains information which corrects previous information	
		Not required on original invoices. Required when sending a Corrected (BE) or Balance Due (AR) invoice.	
		AR Adding Revenue	
		Reason for balance due invoice should be sent in K1 segment	
		BE Billing Error	
	B309	32 Delivery Date	X DT 8/8
		Date for delivery of cargo to final consignee or to next mode expressed in format CCYYMMDD	

			Delivery Date	
	B310	374	Date/Time Qualifier	X ID 3/3
			Code specifying type of date or time, or both date and time	
			140 Actual	
M	B311	140	Standard Carrier Alpha Code	M ID 2/4
			Standard Carrier Alpha Code	
			Mandatory for 3M	
			SCAC Code	

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.

Notes: C3*CAD

Data Element Summary

Ref.	Data	Name	Attributes
M	<u>Des.</u> C301	<u>Element</u> 100 Currency Code	M ID 3/3
		Code (Standard ISO) for country in whose currency the charges are specified	
		Mandatory for 3M	

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.
- 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:

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N9*BM*43585700001
N9*IK*INV01987654~
N9*PO*3523759939~

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Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N901	128 Reference Identification Qualifier	M ID 2/3
		Code qualifying the Reference Identification	
		BM Bill of Lading Number	
		IK Invoice Number	
		Manufacturer's invoice number for vehicle/component	
		PO Purchase Order Number	
	N902	127 Reference Identification	X AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

Segment: **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: G62*11*20130213

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element	Date	
G6201	432	Date Qualifier	X ID 2/2
		Code specifying type of date	
		11 Shipped on This Date	
G6202	373	Date	X DT 8/8
		Date expressed as CCYYMMDD	

Segment: **R3** Route Information - Motor
Position: 080
Loop:
Level: Heading
Usage: Optional
Max Use: 12
Purpose: To specify carrier and routing sequences and details
Syntax Notes:

- 1 If R311 is present, then R310 is required.
- 2 If R312 is present, then R311 is required.

Semantic Notes:

- 1 R303 is the station or city name at which carriers interchange shipments
- 2 R307 is the carrier's billing date.
- 3 R308 is the amount due the carrier.

Comments:
Notes: R3*KRSK*B****1559108A

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
M	R301	140	Standard Carrier Alpha Code Standard Carrier Alpha Code	M ID 2/4
M	R302	133	Routing Sequence Code Code describing the relationship of a carrier to a specific shipment movement Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 1/2
	R306	76	Invoice Number Identifying number assigned by issuer	O AN 1/22

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:
Notes: K1*Free Text 1*Free Text 2

Data Element Summary

	<u>Ref.</u>	<u>Data</u>		<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
M	K101	61	Free-Form Message Free-form information	M AN 1/30
	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.
Notes: CA, CN, SH name loops are Mandatory for 3M.
 Please provide full addresses for all N1 loops.
 N1*CA*Carrier Name*92*60000042
 N1*SH*3M - PLANT #2
 N1*CN*3M MILTON DC*92*2000

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
M	N101	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		CA Carrier	
		CN Consignee	
		SH Shipper	
		ST Ship To	
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)	
		92 Assigned by Buyer or Buyer's Agent	
N104	67	Identification Code	X AN 2/80
		Code identifying a party or other code	
		Required by 3M When N101 is set to "CA"	
		3M will assign each carrier their own identifier to map to the N104	
		Required by 3M When N101 is set to "CN"	
		A 3M representative will provide a 4-digit code to map to the N104	

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. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	N201	93	Name Free-form name	M AN 1/60
	N202	93	Name Free-form name	O AN 1/60

Segment: N3 Address Information
Position: 130
Loop: 0100 Optional
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:
Notes: N3*2 Craig Street
 N3*2751 PEDDIE ROAD

Data Element Summary

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

Segment: **N4 Geographic Location**
Position: 140
Loop: 0100 Optional
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: N4*PERTH*ON*K7H 3E2*CA
N4*Milton*ON*L9T 0K1*CA

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
N401	19	City Name Free-form text for city name	O AN 2/30
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/15
N404	26	Country Code Code identifying the country	O ID 2/3
N405	309	Location Qualifier Code identifying type of location RG Region Code Qualifies a code that identifies a geographic area where transportation rates apply	X ID 1/2
N406	310	Location Identifier Code which identifies a specific location	O AN 1/30

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.
- 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: N9*IK*9243957

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N901	128 Reference Identification Qualifier	M ID 2/3
		Code qualifying the Reference Identification	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
	N902	127 Reference Identification	X AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

Segment: N7 Equipment Details
Position: 160
Loop: 0200 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify the equipment
Syntax Notes: 1 If either N703 or N704 is present, then the other is required.
 2 If either N705 or N716 is present, then the other is required.
 3 If either N708 or N709 is present, then the other is required.
Semantic Notes: 1 N712 is the owner of the equipment.
 2 N723 is the operator or carrier of the rights of the equipment.
Comments: 1 N701 is mandatory for rail transactions.
 2 N720 and N721 are expressed in inches.
Notes: N7*A*22134*****TL****5300

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
N701	206	Equipment Initial		O AN 1/4
		Prefix or alphabetic part of an equipment unit's identifying number		
M	N702	Equipment Number		M AN 1/10
		Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)		
	N711	Equipment Description Code		O ID 2/2
		Code identifying type of equipment used for shipment		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
	N715	Equipment Length		O N0 4/5
		Length (in feet and inches) of equipment ordered or used to transport shipment (The format is FFFII where FFF is feet and II is inches; the range for II is 00 through 11)		

Segment: **S5** Stop-off Details
Position: 010
Loop: 0300 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify stop-off detail reference numbers and stop reason
Syntax Notes:

- 1 If either S503 or S504 is present, then the other is required.
- 2 If either S505 or S506 is present, then the other is required.
- 3 If either S507 or S508 is present, then the other is required.

Semantic Notes:

- 1 S509 is the stop reason description.

Comments:
Notes: S5*222*CL*****Test S5 Description

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	S501	165	Stop Sequence Number	M N0 1/3
			Identifying number for the specific stop and the sequence in which the stop is to be performed	
M	S502	163	Stop Reason Code	M ID 2/2
			Code specifying the reason for the stop	
			CL Complete	
			CN Consolidate	
			CU Complete Unload	
			HT Heat the Shipment	
			LD Load	
			PL Part Load	
			PU Part Unload	
			TL Transload	
			UL Unload	
			WL Weigh Loaded	
	S509	352	Description	O AN 1/80
			A free-form description to clarify the related data elements and their content	

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:
Notes:

A separate LX loop is required for each L1 segment.
LX*1

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	LX01	554	Assigned Number	M N0 1/6
			Number assigned for differentiation within a transaction set	
			Mandatory for 3M	
			This element should contain a counter that is incremented by 1 for every detail loop written.	

Segment: **N9 Reference Identification**
Position: 130
Loop: 0400 Optional
Level: Detail
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.
- 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: N9*BM*43585700001

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N901	128 Reference Identification Qualifier Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	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	X AN 1/30

Segment: **L5** Description, Marks and Numbers
Position: 140
Loop: 0400 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: L5*1*FREIGHT (FLAT-CANADIAN FUNDS)

Data Element Summary

Ref.	Data		
Des.	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	
		Mandatory for 3M	

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.

Notes: L0*1*1*FR*23731*N***1*PCS**L

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
L001	213	Lading Line Item Number Sequential line number for a lading item	O N0 1/3
L002	220	Billed/Rated-as Quantity Basis for rating (miles, value, volume, etc.); Note: Weight may be defined by either data element 220 or 81	X R 1/11
L003	221	Billed/Rated-as Qualifier Code identifying the type of quantity or value on which the rate or item pricing is based Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/2
L004	81	Weight Numeric value of weight Mandatory for 3M	X R 1/10
L005	187	Weight Qualifier Code defining the type of weight Mandatory for 3M	X ID 1/2
		A1 Dimensional Weight	
		G Gross Weight	
		N Actual Net Weight	
		T Tare Weight	
L008	80	Lading Quantity Number of units (pieces) of the lading commodity	X N0 1/7
L009	211	Packaging Form Code Code for packaging form of the lading quantity	X ID 3/3
		BDL Bundle	
		BOX Box	
		CAS Case	
		CTN Carton	
		PCS Pieces	
		PLT Pallet	

		ROL	Roll	
		SKD	Skid	
L011	188	Weight Unit Code		O ID 1/1
		Code specifying the weight unit		
		K	Kilograms	
		L	Pounds	

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:
Notes: L1*1*2250*PW*179****FUE

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
L101	213	Lading Line Item Number Sequential line number for a lading item	O N0 1/3
L102	60	Freight Rate Rate that applies to the specific commodity	X R 1/9
L103	122	Rate/Value Qualifier Code qualifying how to extend charges or interpret value FR Flat Rate LB Per Pound MN Minimum PH Per Hundred (of Basic Unit) PM Per Mile	X 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 Mandatory for 3M Amount charged for this line item 3M is unable to accept a negative dollar amount	X N2 1/12
L108	150	Special Charge or Allowance Code Code identifying type of special charge or allowance 3M will accept any ANSI compliant value sent in the L108, but we ask that you use the following codes only when providing us Tax Information. Please note for our Canadian carriers we are using 3 code values in a non standard method as follows: a.) Code "TTS" indicates "State Tax" but 3M asks that you use this code if you are providing us "Province Tax". b.) Code "ZZZ" indicated "Mutually defined" but 3M asks that you use this code if you are providing us "Quebec Tax". c.) Code "HST" is not an ANSI compliant code, but 3M will accept it. When it is used it indicates "Harmonized Sales Tax". Please note this value is not displayed on the list of qualifiers below. 750 Value Added Tax (VAT) AAT Handling Charge Tax CBX City Sales Tax (Only) GST Goods and Services Tax Charge LLS Local Sales Tax (All Applicable Sales Taxes by Taxing Authorities Below the State Level)	O ID 3/3

MMT	Metropolitan Transit Tax
PPT	Parish/County Sales Tax (only)
SST	Sales Tax (State and Local)
SSX	Sales and Use Tax
TAD	Tax on Transportation
TTL	Local Tax
TTM	Tax on Miscellaneous Charges
TTS	State Tax
	For Candian carriers this value is sent when indicating Province Tax
UUT	Use Tax
ZZZ	Mutually Defined
	For Candian carriers this value is sent when indicating Quebec Tax

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:
Notes: L7*1**1091****70

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
L701	213	Lading Line Item Number	O N0 1/3
		Sequential line number for a lading item	
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.	

Segment: **K1** Remarks
Position: 210
Loop: 0400 Optional
Level: Detail
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: K1*Test Detail K1 Note 1*Test Detail K1 Note 2

Data Element Summary

	<u>Ref.</u>	<u>Data</u>		<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
M	K101	61	Free-Form Message Free-form information	M AN 1/30
	K102	61	Free-Form Message Free-form information	O AN 1/30

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: L3*23731*G***76908*****26

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
L301	81	Weight	X R 1/10
		Numeric value of weight	
		Mandatory for 3M	
		Total Shipment Weight	
L302	187	Weight Qualifier	X ID 1/2
		Code defining the type of weight	
		Mandatory for 3M	
		A1 Dimensional Weight	
		G Gross Weight	
		N Actual Net Weight	
		T Tare 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	
		Mandatory for 3M	
		Total Charges for Shipment	
		3M is unable to accept a negative dollar amount	
L309	183	Volume	X R 1/8
		Value of volumetric measure	
		Total Volume for Shipment	
L310	184	Volume Unit Qualifier	X ID 1/1
		Code identifying the volume unit	
		C Cubic Centimeters	
		E Cubic Feet	
		N Cubic Inches	
		X Cubic Meters	
L311	80	Lading Quantity	O N0 1/7
		Number of units (pieces) of the lading commodity	
		Mandatory for 3M	
		Total Tendered Pieces	

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

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M N0 1/10
M	SE02	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

APPENDIX

Transaction Example:

ISA}00} }00} }ZZ}IDSENDERID }12}IDRECEIVERID }150216}1737}U}00400}000021048}0}P}{~
GS}IM}IDSENDERID}IDRECEIVERID}20150216}1737}21048}X}004010~
ST}210}210480001~
B3}}INVOICENUMBER}BILLOFLADING}PP}L}20150216}114564}}20150211}035}SCAC}20150210~
C3}USD~
G62}11}20150216~
N1}CA}CARRIERNAME}92}SUPPLIERNUMBER~
N3}123 CARRIER ADDRESS~
N4}CITY}ST}POSTALCODE}COUNTRY CODE~
N1}SH}SHIPPER COMPANY NAME~
N3}123 SHIPPER ADDRESS~
N4}CITY}ST}POSTALCODE}COUNTRY CODE~
N1}CN}3M NAME}92}XXXX (4-DIGIT CODE GIVEN TO CARRIER BY 3M)~
N3}123 CONSIGNEE ADDRESS~
N4}CITY}ST}POSTALCODE} COUNTRY CODE~
LX}1~
L5}1}PLASTIC,RUBBER,MED S~
L0}1}1}FR}38318}N}}17}PCS}}L~
L1}1}1020}FR}102000~
LX}2~
L0}2}349}DM~
L1}2}.36}PM}12564}}}}FUE~
L3}38318}N}}114564}}}}17}L~
SE}22}210480001~
GE}1}21048~
IEA}1}000021048~

B308 = AR (Adding Revenue/Balance Due)

ISA}00} }00} }ZZ}IDSENDERID }12}IDRECEIVERID }150216}1737}U}00400}000021048}0}P}{~
GS}IM}IDSENDERID}IDRECEIVERID}20150216}1737}21048}X}004010~
ST}210}210480001~
B3}}INVOICENUMBER}BILLOFLADING}PP}L}20150216}114564}AR}20150211}035}SCAC}20150210~
C3}USD~
G62}11}20150216~
N1}CA}CARRIERNAME}92}SUPPLIERNUMBER~
N3}123 CARRIER ADDRESS~
N4}CITY}ST}POSTALCODE}COUNTRY CODE~
N1}SH}SHIPPER COMPANY NAME~
N3}123 SHIPPER ADDRESS~
N4}CITY}ST}POSTALCODE}COUNTRY CODE~
N1}CN}3M NAME}92}XXXX (4-DIGIT CODE GIVEN TO CARRIER BY 3M)~
N3}123 CONSIGNEE ADDRESS~
N4}CITY}ST}POSTALCODE} COUNTRY CODE~
LX}1~
L5}1}USED FERRY SERVICE~
L0}1}1}FR~
L1}1}1}FR}30000}}}}FLT~
L3}38318}N}}30000}}}}17}L~
SE}19}210480001~
GE}1}21048~
IEA}1}000021048~

B308 = BE (Billing Error)

ISA}00} }00} }ZZ}IDSENDERID }12}IDRECEIVERID }150216}1737}U}00400}000021048}0}P}{~
GS}IM}IDSENDERID}IDRECEIVERID}20150216}1737}21048}X}004010~
ST}210}210480001~
B3}}INVOICENUMBER}BILLOFLADING}PP}L}20150216}114564}**BE**}20150211}035}SCAC}20150210~
C3}USD~
G62}11}20150216~
K1}USED OLD PRICE GUIDE~
N1}CA}CARRIERNAME}92}SUPPLIERNUMBER~
N3}123 CARRIER ADDRESS~
N4}CITY}ST}POSTALCODE}COUNTRY CODE~
N1}SH}SHIPPER COMPANY NAME~
N3}123 SHIPPER ADDRESS~
N4}CITY}ST}POSTALCODE}COUNTRY CODE~
N1}CN}3M NAME}92}XXXX (4-DIGIT CODE GIVEN TO CARRIER BY 3M)~
N3}123 CONSIGNEE ADDRESS~
N4}CITY}ST}POSTALCODE} COUNTRY CODE~
LX}1~
L5}1}PLASTIC,RUBBER,MED S~
L0}1}1}FR}38318}N}}{17}PCS}}L~
L1}1}1020}FR}102000~
LX}2~
L0}2}349}DM~
L1}2}.36}PM}**15000**}}}}FUE~
L3}38318}N}}{**117000**}}}}{17}L~
SE}23}210480001~
GE}1}21048~
IEA}1}000021048~