



EDI 204 Guidelines (Version 4040)





204 Motor Carrier Load Tender

Functional Group ID=**SM**

Introduction:

This X12 Transaction Set contains the format and establishes the data contents of the Motor Carrier Load Tender Transaction Set (204) for use within the context of an Electronic Data Interchange (EDI) environment. The document is a modified version of X12 204 Motor Carrier Tender guidelines (v4040) that is accepted by CP. This transaction set can be used to request an empty piece of equipment (Load Tender) from CP and also to submit shipping instructions (Bill of Lading). It contains general shipment information, equipment requirements, commodities, scheduling details as well rail carrier specific information.

An EDI 997 Functional Acknowledgment will be sent for this transaction set. The document will not be processed further if rejected due to violation of X12 standards.

CP can also generate an EDI 990 Response to a Load Tender reporting the acceptance or rejection of the tender by CP's Application Systems.

Heading:

CP <u>Attributes</u>	Pos. <u>No.</u>	Seg. <u>ID</u>	<u>Name</u>	Req. <u>Des.</u>	<u>Max.Use</u>	Loop <u>Repeat</u>	<u>Notes and Comments</u>
M	0100	<u>SI</u>	Transaction Set Header	M	1		
M	0200	<u>B2</u>	Beginning Segment for Shipment Information Transaction	M	1		
M	0300	<u>B2A</u>	Set Purpose	M	1		
O	0800	<u>L11</u>	Business Instructions and Reference Number	O	50		
O	0900	<u>G62</u>	Date/Time	O	1		n1
M	1000	<u>MS3</u>	Interline Information	O	1		
O	1100	<u>AT5</u>	Bill of Lading Handling Requirements	O	6		
Not Used	1200	PLD	Pallet Information	O	1		
M	1250	<u>LH6</u>	Hazardous Certification	O	6		
Not Used	1300	NTE	Note/Special Instruction	O	10		
LOOP ID – 0100 Bill To Party Loop						5	
M	1400	<u>N1</u>	Name	O	1		n2
Not Used	1500	N2	Additional Name Information	O	1		
M	1600	<u>N3</u>	Address Information	O	2		
M	1700	<u>N4</u>	Geographic Location	O	1		
Not Used	1800	L11	Business Instructions and Reference Number	O	1		
O	1900	<u>G61</u>	Contact	O	3		
LOOP ID – 0200 Equipment Requirement Loop						10	
M	2000	<u>N7</u>	Equipment Details	O	1		
Not Used	2030	N7A	Accessorial Equipment Details	O	1		
Not Used	2050	N7B	Additional Equipment Details	O	1		
Not Used	2080	MEA	Measurements	O	1		
O	2100	<u>M7</u>	Seal Numbers	O	2		



Detail:

Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Loop Repeat	Notes and Comments
LOOP ID – 0300 Pick-Up Stop Loop						5
M	0100	<u>S5</u>	Pick-Up Details	M	1	
O	0200	<u>L11</u>	Business Instructions and Reference Number	O	50	
M	0300	<u>G62</u>	Date/Time	O	2	
Not Used	0400	AT8	Shipment Weight, Packaging and Quantity Data	O	1	
Not Used	0500	LAD	Lading Detail	O	999	
Not Used	0600	AT5	Bill of Lading Handling Requirements	O	6	
Not Used	0630	PLD	Pallet Information	O	1	
Not Used	0650	NTE	Note/Special Instruction	O	20	
LOOP ID – 0310 Pick-Up Party Loop						1
M	0700	<u>N1</u>	Name	O	1	
Not Used	0800	N2	Additional Name Information	O	1	
M	0900	<u>N3</u>	Address Information	O	2	
M	1000	<u>N4</u>	Geographic Location	O	1	
O	1200	<u>G61</u>	Contact	O	3	
LOOP ID - 0320 Pick-Up Commodity Loop						99
M	1300	<u>L5</u>	Description, Marks and Numbers	O	1	
M	1350	<u>AT8</u>	Shipment Weight, Packaging and Quantity Data	O	1	
Not Used	1355	AT5	Bill of Lading Handling Requirements	O	1	
Not Used	1360	MEA	Measurements	O	10	
Not Used	1370	PER	Administrative Communications Contact	O	1	
Not Used	1375	L4	Measurement	O	1	
LOOP ID – 0325 Pick-Up Hazardous Contact/ Reference Loop						99
O	1400	<u>G61</u>	Hazardous 24hr Emergency Contact	O	1	
O	1410	<u>L11</u>	Business Instructions and Reference Number	O	5	
Not Used	1420	LH6	Hazardous Certification	O	6	
LOOP ID – 0330 Pick-Up Hazardous Details Loop						25
M	1430	<u>LH1</u>	Hazardous Identification Information	O	1	
M	1440	<u>LH2</u>	Hazardous Classification Information	O	4	
M	1450	<u>LH3</u>	Hazardous Material Shipping Name	O	10	
O	1460	<u>LFH</u>	Freeform Hazardous Material Information	O	20	
O	1470	<u>LEP</u>	EPA Required Data	O	3	
O	1480	<u>LH4</u>	Canadian Dangerous Requirements	O	1	
Not Used	1490	LHT	Transborder Hazardous Requirements	O	3	
LOOP ID – 0350 Pick-Up Order Details Loop						999
O	1500	<u>OID</u>	Order Information Detail	O	1	
Not Used	1600	G62	Date/Time	O	2	
Not Used	1800	LAD	Lading Detail	O	999	
LOOP ID - 0360						99
Not Used	1900	L5	Description, Marks and Numbers	O	1	



Not Used	1950	AT8	Shipment Weight, Packaging and Quantity Data	O	1	
Not Used	1955	L4	Measurement	O	1	
LOOP ID - 0365					99	
Not Used	2000	G61	Contact	O	1	
Not Used	2010	L11	Business Instructions and Reference Number	O	5	
Not Used	2020	LH6	Hazardous Certification	O	6	
LOOP ID - 0370					25	
Not Used	2030	LH1	Hazardous Identification Information	O	1	
Not Used	2040	LH2	Hazardous Classification Information	O	4	
Not Used	2050	LH3	Hazardous Material Shipping Name	O	10	
Not Used	2060	LFH	Freeform Hazardous Material Information	O	20	
Not Used	2070	LEP	EPA Required Data	O	3	
Not Used	2080	LH4	Canadian Dangerous Requirements	O	1	
Not Used	2090	LHT	Transborder Hazardous Requirements	O	3	
LOOP ID - 0380					10	
Not Used	2100	N7	Equipment Details	O	1	
Not Used	2200	N7A	Accessorial Equipment Details	O	1	
Not Used	2300	N7B	Additional Equipment Details	O	1	
Not Used	2400	MEA	Measurements	O	1	
Not Used	2500	M7	Seal Numbers	O	2	
LOOP ID – 0300 Delivery/Drop-off Stop Loop					5	
M	0100	<u>S5</u>	Delivery/ Drop-off Details	M	1	
O	0200	<u>L11</u>	Business Instructions and Reference Number	O	50	
O	0300	<u>G62</u>	Date/Time	O	2	n3
Not Used	0400	AT8	Shipment Weight, Packaging and Quantity Data	O	1	n4
Not Used	0500	LAD	Lading Detail	O	999	n5
Not Used	0600	AT5	Bill of Lading Handling Requirements	O	6	
Not Used	0630	PLD	Pallet Information	O	1	
Not Used	0650	NTE	Note/Special Instruction	O	20	
LOOP ID – 0310 Delivery/Drop-off Party Loop					1	
M	0700	<u>N1</u>	Name	O	1	
Not Used	0800	N2	Additional Name Information	O	1	
M	0900	<u>N3</u>	Address Information	O	2	
M	1000	<u>N4</u>	Geographic Location	O	1	
O	1200	<u>G61</u>	Contact	O	3	
LOOP ID – 0320 Delivery/Drop-off Commodity Loop					99	
M	1300	<u>L5</u>	Description, Marks and Numbers	O	1	
M	1350	<u>AT8</u>	Shipment Weight, Packaging and Quantity Data	O	1	
Not Used	1355	AT5	Bill of Lading Handling Requirements	O	1	
Not Used	1360	MEA	Measurements	O	10	
Not Used	1370	PER	Administrative Communications Contact	O	1	n6
Not Used	1375	L4	Measurement	O	1	
LOOP ID – 0325 Delivery/Drop-off Hazardous Contact/ Reference Loop					99	



O	1400	<u>G61</u>	Contact	O	1	n7
O	1410	<u>L11</u>	Business Instructions and Reference Number	O	5	n8
Not Used	1420	LH6	Hazardous Certification	O	6	
LOOP ID – 0330 Delivery/Drop-off Hazardous Commodity Loop						25
M	1430	<u>LH1</u>	Hazardous Identification Information	O	1	
M	1440	<u>LH2</u>	Hazardous Classification Information	O	4	
M	1450	<u>LH3</u>	Hazardous Material Shipping Name	O	10	
O	1460	<u>LFH</u>	Freeform Hazardous Material Information	O	20	
O	1470	<u>LEP</u>	EPA Required Data	O	3	
O	1480	<u>LH4</u>	Canadian Dangerous Requirements	O	1	
Not Used	1490	LHT	Transborder Hazardous Requirements	O	3	
LOOP ID – 0350 Delivery/Drop-off Order Details Loop						999
O	1500	<u>OID</u>	Order Information Detail	O	1	n9
Not Used	1600	G62	Date/Time	O	2	
Not Used	1800	LAD	Lading Detail	O	999	
LOOP ID - 0360						99
Not Used	1900	L5	Description, Marks and Numbers	O	1	n10
Not Used	1950	AT8	Shipment Weight, Packaging and Quantity Data	O	1	n11
Not Used	1955	L4	Measurement	O	1	
LOOP ID - 0365						99
Not Used	2000	G61	Contact	O	1	n12
Not Used	2010	L11	Business Instructions and Reference Number	O	5	n13
Not Used	2020	LH6	Hazardous Certification	O	6	
LOOP ID - 0370						25
Not Used	2030	LH1	Hazardous Identification Information	O	1	
Not Used	2040	LH2	Hazardous Classification Information	O	4	
Not Used	2050	LH3	Hazardous Material Shipping Name	O	10	
Not Used	2060	LFH	Freeform Hazardous Material Information	O	20	
Not Used	2070	LEP	EPA Required Data	O	3	
Not Used	2080	LH4	Canadian Dangerous Requirements	O	1	
Not Used	2090	LHT	Transborder Hazardous Requirements	O	3	
LOOP ID - 0380						10
Not Used	2100	N7	Equipment Details	O	1	
Not Used	2200	N7A	Accessorial Equipment Details	O	1	
Not Used	2300	N7B	Additional Equipment Details	O	1	
Not Used	2400	MEA	Measurements	O	1	
Not Used	2500	M7	Seal Numbers	O	2	

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Loop Repeat	Notes and Comments
M	0100	<u>L3</u>	Total Weight and Charges	O	1		
M	0200	<u>SE</u>	Transaction Set Trailer	M	1		



Segment: **ST** Transaction Set Header
 Position: 0100
 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: 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

CP	Ref.	Data		
<u>Attributes</u>	<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 204 Motor Carrier Load Tender	M 1 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 1 AN 4/9
Not Used	ST03	1705	Implementation Convention Reference	O 1 AN 1/35



Segment: **B2** Beginning Segment for Shipment Information Transaction
 Position: 0200
 Loop:
 Level: Heading
 Usage: Mandatory
 Max Use: 1
 Purpose: To transmit basic data relating to shipment information
 Syntax Notes:
 Semantic Notes: B202 contains the Standard Carrier Alpha Code (SCAC) of the carrier that will receive the bill of lading.
 Comments: 1 B202 is mandatory for transaction set 204.
 2 B209 is mandatory for rail transactions.

Data Element Summary

CP	Ref.	Data	Attributes	
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Not Used	B201	375	Tariff Service Code Refer to 004040 Data Element Dictionary for acceptable code values.	O 1 ID 2/2
R	B202	140	Standard Carrier Alpha Code Standard Carrier Alpha Code CPRS SCAC Code for Canadian Pacific Railway	O 1 ID 2/4
Not Used	B203	154	Standard Point Location Code	O 1 ID 6/9
R	B204	145	Shipment Identification Number 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) The Shipment Identification Number provided on a 204 Load Tender must be the same when providing a 204 Bill of Lading.	O 1 AN 1/30
M	B205	188	Weight Unit Code Code specifying the weight unit K Kilograms L Pounds	O 1 ID 1/1
M	B206	146	Shipment Method of Payment Code identifying payment terms for transportation charges CC Collect NR Non-Revenue PP Prepaid (by Seller)	M 1 ID 2/2
O	B207	147	Shipment Qualifier Code defining relationship of this shipment with respect to other shipments given to the carrier at the same time B Bill of Lading for Individual Shipment E Empty Equipment Billing (Non-Revenue) I Intermodal W Revenue Empty	O 1 ID 1/1
O	B208	86	Total Equipment Total pieces of equipment Limited to 1 piece of equipment for both 204 Load Tenders or Bill of Ladings.	O 1 N0 1/3
O	B209	460	Shipment Weight Code Code indicating the way by which weights are obtained for a particular shipment	O 1 ID 1/1



			A	Shipper's Weight Agreement		
			N	No Wt. Req., Ship. Moving on Contract or per car rate		
			O	Official Weight		
			S	Shipper Certified Scale Weights		
			T	Tariff Authorized Weight		
Not Used	B210	501	Customs Documentation Handling Code		O	1 ID 2/2
Not Used	B211	335	Transportation Terms Code		O	1 ID 3/3
			Refer to 004040 Data Element Dictionary for acceptable code values.			
Not Used	B212	591	Payment Method Code		O	1 ID 3/3
			Refer to 004040 Data Element Dictionary for acceptable code values.			

Segment: **B2A** Set Purpose
 Position: 0300
 Loop:
 Level: Heading
 Usage: Mandatory
 Max Use: 1
 Purpose: To allow for positive identification of transaction set purpose
 Syntax Notes:
 Semantic Notes:
 Comments:

Data Element Summary

CP	Ref.	Data			Attributes
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	B2A01	353	Transaction Set Purpose Code		M 1 ID 2/2
			Code identifying purpose of transaction set		
			00	Original	
			01	Cancellation	
			04	Change	
M	B2A02	346	Application Type		O 1 ID 2/2
			Code identifying an application		
			BL	Bill of Lading	
				If used, Equipment details must be provided which is the Equipment Initial and Number.	
			LT	Load Tender - Truckload (TL) Carrier Only	
				Used by a shipper to inform carrier that a particular load is available or becoming available for movement; also signifies an advance pick-up notification	
				Indicates a Load Tender request for an empty piece of equipment.	



Segment: **L11** Business Instructions and Reference Number
 Position: 0800
 Loop:
 Level: Heading
 Usage: Optional (Recommended)
 Max Use: 50
 Purpose: To specify instructions in this business relationship or a reference number
 Syntax Notes: 1 At least one of L1101 or L1103 is required.
 2 If either L1101 or L1102 is present, then the other is required.
 Semantic Notes: L1104 contains data relating to the qualifier cited in L1102.
 Comments:

Data Element Summary

CP	Ref.	Data	Name	Attributes
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>		
X	L1101	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X 1 AN 1/50
X	L1102	128	Reference Identification Qualifier Code qualifying the Reference Identification	X 1 ID 2/3
			BM Bill of Lading Number	
			BN Booking Number	
			CO Customer Order Number	
			CR Customer Reference Number	
			MB Master Bill of Lading	
			OB Ocean Bill of Lading	
			PO Purchase Order Number	
			SI Shipper's Identifying Number for Shipment (SID) A unique number (to the shipper) assigned by the shipper to identify the shipment	
			WH Master Reference (Link) Number	
			ZZ Mutually Defined	
This is not a comprehensive list and only includes some of the most commonly used Reference Identification Qualifiers.				
Not Used	L1103	352	Description	X 1 AN 1/80
O	L1104	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	O 1 DT 8/8
Not Used	L1105	1073	Yes/No Condition or Response Code Refer to 004040 Data Element Dictionary for acceptable code values.	O 1 ID 1/1



Segment: **G62** Date/Time
 Position: 0900
 Loop:
 Level: Heading
 Usage: Optional
 Max Use: 1
 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:

Data Element Summary

CP	Ref.	Data	Attributes	
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
X	G6201	432	Date Qualifier Code specifying type of date	X 1 ID 2/2
X	G6202	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	X 1 DT 8/8
X	G6203	176	Time Qualifier Code specifying the reported time Refer to 004040 Data Element Dictionary for acceptable code values.	X 1 ID 1/2
X	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)	X 1 TM 4/8
O	G6205	623	Time Code Refer to 004040 Data Element Dictionary for acceptable code values.	O 1 ID 2/2



Segment: **MS3** Interline Information
 Position: 1000
 Loop:
 Level: Heading
 Usage: Optional (Must Use)
 Max Use: 1
 Purpose: To identify the interline carrier and relevant data
 Syntax Notes: 1 If MS305 is present, then MS303 is required.
 Semantic Notes: 1 MS301 is the Standard Carrier Alpha Code (SCAC) of the interline carrier.
 2 MS303 is the city where the Interline was performed.
 Comments:

Data Element Summary

CP	Ref.	Data	Name	Attributes
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>		
M	MS301	140	Standard Carrier Alpha Code Standard Carrier Alpha Code CPRS SCAC Code for Canadian Pacific Railway	M 1 ID 2/4
M	MS302	133	Routing Sequence Code Code describing the relationship of a carrier to a specific shipment movement S Origin Carrier, Shipper's Routing (Rail)	M 1 ID 1/2
X	MS303	19	City Name Free-form text for city name	X 1 AN 2/30
O	MS304	91	Transportation Method/Type Code Code specifying the method or type of transportation for the shipment X Intermodal (Piggyback)	O 1 ID 1/2
Not Used	MS305	156	State or Province Code	O 1 ID 2/2



Segment: **AT5** Bill of Lading Handling Requirements
 Position: 1100
 Loop:
 Level: Heading
 Usage: Optional
 Max Use: 6
 Purpose: To identify Bill of Lading handling and service requirements
 Syntax Notes:
 1 Only one of AT501 or AT503 may be present.
 2 Only one of AT502 or AT503 may be present.
 3 If AT504 is present, then at least one of AT505 or AT506 is required.
 4 If AT505 is present, then AT504 is required.
 5 If AT506 is present, then AT504 is required.
 Semantic Notes:
 1 AT505 is the minimum temperature.
 2 AT506 is the maximum temperature.
 Comments:

Data Element Summary

CP	Ref.	Data	Attributes	
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>ID</u>
X	AT501	152	Special Handling Code Code specifying special transportation handling instructions	X 1 ID 2/3
			DA Dangerous	
			DM Domestic	
			MR Mechanical Heaters (Heated Container)	
			MR Mechanical Refrigeration (Refrigerated Container)	
			If Used, AT504 and AT505 must be used to indicate the Temperature Setting.	
			If Used, AT504 and AT505 must be used to indicate the Temperature Setting.	
			This is not a comprehensive list and only includes some of the most commonly used Special Handling Codes.	
X	AT502	560	Special Services Code Code identifying the special service	X 1 ID 2/10
			H1 Temperature Protection	
Not Used	AT503	153	Special Handling Description	X 1 AN 2/30
X	AT504	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	X 1 ID 2/2
			FA Fahrenheit	
			CE Centigrade, Celsius	
			Marine Containers Only.	
X	AT505	408	Temperature Temperature	X 1 R 1/4
Not Used	AT506	408	Temperature	X 1 R 1/4



Segment: **LH6** Hazardous Certification
 Position: 1420
 Loop: 0325 Optional
 Level: Detail
 Usage: Optional (Recommended)
 Max Use: 6
 Purpose: To specify the name of the person certifying that the shipment complies with the regulations and/or the actual certification

Syntax Notes: 1 If either LH602 or LH603 is present, then the other is required.

Semantic Notes:

Comments:

Notes: Must be the First and Last Name of the person certifying the shipment. A company name is NOT Acceptable. If the shipment is tendered by a non-offerer to a subsequent rail carrier send "Certification on file with origin carrier".

Data Element Summary

CP	Ref.	Data		Attributes
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
M	LH601	93	Name Free-form name	O 1 AN 1/60
Not Used	LH602	272	Hazardous Certification Code Refer to 004040 Data Element Dictionary for acceptable code values.	X 1 ID 1/1
Not Used	LH603	273	Hazardous Certification Declaration	X 1 AN 1/25
Not Used	LH604	273	Hazardous Certification Declaration	O 1 AN 1/25



Segment: **N1** Name
 Position: 1400
 Loop: 0100 Optional (Must Use)
 Level: Heading
 Usage: Optional (Must Use)
 Max Use: 1
 Purpose: To identify a party by type of organization, name, and code
 Syntax Notes: 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.

Semantic Notes:

Comments:

Notes:

Used to indicate the Bill To/ Party to Receive Freight Bill Identification.
 At least one occurrence of a Bill To/ Party to Receive Freight Bill Identification is required for all 204 Load Tender or Bill of Lading Shipment.
 Legal Entity names (Railinc/DUN & BRADSTREET) must be provided.

Data Element Summary

CP	Ref.	Data	Attributes		
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	N101	98	Entity Identifier Code	M	1 ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual		
			BT Bill-to-Party		
			CN Consignee		
			SH Shipper		
			Required only if the Consignee is different from the Ship To party.		
			Required only if the Shipper is different from the Ship From party.		
X	N102	93	Name	X	1 AN 1/60
			Free-form name		
X	N103	66	Identification Code Qualifier	X	1 ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)		
			Refer to 004040 Data Element Dictionary for acceptable code values.		
X	N104	67	Identification Code	X	1 AN 2/80
			Code identifying a party or other code		
Not Used	N105	706	Entity Relationship Code	O	1 ID 2/2
			Refer to 004040 Data Element Dictionary for acceptable code values.		
Not Used	N106	98	Entity Identifier Code	O	1 ID 2/3
			Refer to 004040 Data Element Dictionary for acceptable code values.		



Segment: **N3** Address Information
 Position: 1600
 Loop: 0100 Optional (Must Use)
 Level: Heading
 Usage: Optional (Must Use)
 Max Use: 2
 Purpose: To specify the location of the named party
 Syntax Notes:
 Semantic Notes:
 Comments:

Data Element Summary

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

Segment: **N4** Geographic Location
 Position: 1700
 Loop: 0100 Optional (Must Use)
 Level: Heading
 Usage: Optional (Must Use)
 Max Use: 1
 Purpose: To specify the geographic place of the named party
 Syntax Notes:

- only one of N402 or N407 may be present.
- If N406 is present, then N405 is required.
- If N407 is present, then N404 is required.

 Semantic Notes:
 Comments:

- A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
- N402 is required only if city name (N401) is in the U.S. or Canada.

Data Element Summary

CP	Ref.	Data		Attributes
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N401	19	City Name Free-form text for city name	O 1 AN 2/30
M	N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	X 1 ID 2/2
M	N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O 1 ID 3/15
Rec	N404	26	Country Code Code identifying the country	X 1 ID 2/3
Not Used	N405	309	Location Qualifier Refer to 004040 Data Element Dictionary for acceptable code values.	X 1 ID 1/2
Not Used	N406	310	Location Identifier	O 1 AN 1/30
Not Used	N407	1715	Country Subdivision Code	X 1 ID 1/3



Segment: **G61** Contact
 Position: 1900
 Loop: 0100 Optional (Must Use)
 Level: Heading
 Usage: Optional
 Max Use: 3
 Purpose: To identify a person or office to whom communications should be directed
 Syntax Notes: 1 If either G6103 or G6104 is present, then the other is required.
 Semantic Notes:
 Comments: 1 G6103 qualifies G6104.

Data Element Summary

CP	Ref.	Data	Attributes	
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	G6101	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named Refer to 004040 Data Element Dictionary for acceptable code values.	M 1 ID 2/2
M	G6102	93	Name Free-form name	M 1 AN 1/60
X	G6103	365	Communication Number Qualifier Code identifying the type of communication number EM Electronic Mail FX Facsimile TE Telephone	X 1 ID 2/2
X	G6104	364	Communication Number Complete communications number including country or area code when applicable	X 1 AN 1/256
Not Used	G6105	443	Contact Inquiry Reference	O 1 AN 1/20



Segment: **N7** Equipment Details
 Position: 2000
 Loop: 0200 Optional (Must Use)
 Level: Heading
 Usage: Optional (Must Use)
 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.

Data Element Summary

CP	Ref.	Data	Name	Attributes
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>		
M	N701	206	Equipment Initial Prefix or alphabetic part of an equipment unit's identifying number Used only in the EDI 204 Bill of Lading process.	O 1 AN 1/4
M	N702	207	Equipment Number Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred) Used to provide Equipment number in the EDI 204 Bill of Lading process. 1 Default number to be used when requesting CP to supply empty equipment via EDI 204 Load Tender process.	M 1 AN 1/15
X	N703	81	Weight	X 1 R 1/10
X	N704	187	Weight Qualifier Refer to 004040 Data Element Dictionary for acceptable code values.	X 1 ID 1/2
Not Used	N705	167	Tare Weight	X 1 N0 3/8
Not Used	N706	232	Weight Allowance	O 1 N0 2/6
Not Used	N707	205	Dunnage	O 1 N0 1/6
Not Used	N708	183	Volume	X 1 R 1/8
Not Used	N709	184	Volume Unit Qualifier Refer to 004040 Data Element Dictionary for acceptable code values.	X 1 ID 1/1
O	N710	102	Ownership Code Refer to 004040 Data Element Dictionary for acceptable code values.	O 1 ID 1/1
M	N711	40	Equipment Description Code Code identifying type of equipment used for shipment CN Container CX Container, Tank CZ Refrigerated Container If used AT5 must be provided to indicate the temperature setting. CZ Heated Container If used AT5 must be provided to indicate the temperature setting.	O 1 ID 2/2



Rec	N712	140	Standard Carrier Alpha Code Standard Carrier Alpha Code	O	1	ID 2/4
When requesting equipment from CP, use the SCAC CPRS in this position						
			CPRS SCAC Code for Canadian Pacific Railway			
Not Used	N713	319	Temperature Control	O	1	AN 3/6
Not Used	N714	219	Position	O	1	AN 1/3
M	N715	567	Equipment Length 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)	O	1	NO 4/5
			2000 20ft Equipment			
			4000 40ft Equipment			
			4500 45ft Equipment			
			5300 53ft Equipment			
Not Used	N716	571	Tare Qualifier Code Refer to 004040 Data Element Dictionary for acceptable code values.	X	1	ID 1/1
O	N717	188	Weight Unit Code Code specifying the weight unit	O	1	ID 1/1
			K Kilograms			
			L Pounds			
Not Used	N718	761	Equipment Number Check Digit	O	1	NO 1/1
M	N719	56	Type of Service Code Code specifying extent of transportation service requested	O	1	ID 2/2
			DD Door to Door			
			DR Door to Ramp			
			RD Ramp to Door			
			RE Ramp to Ramp			
Not Used	N720	65	Height	O	1	R 1/8
Not Used	N721	189	Width	O	1	R 1/8
Rec	N722	24	Equipment Type Code identifying equipment type	O	1	ID 4/4
Contains the ISO Equipment Code.						
			4300 Dry Standard Height 8'6"x40'			
			4432 Electric Reefer High 9'6"x40'			
			4032 Electric Reefer Standard 8'6"x40'			
			4430 Diesel Reefer High 9'6"x40'			
			4030 Diesel Reefer Standard 8'6"x40'			
			U287 Dry High Cube 9'6"x53'			
			U288 Dry Extra High 9'7"x53'			
This is not a comprehensive list and only includes some of the most commonly used ISO Equipment Codes.						
Not Used	N723	140	Standard Carrier Alpha Code	O	1	ID 2/4
Not Used	N724	301	Car Type Code	O	1	ID 1/4



Segment: **M7** Seal Numbers
 Position: 2100
 Loop: 0200 Optional (Must Use)
 Level: Heading
 Usage: Optional
 Max Use: 2
 Purpose: To record seal numbers used and the organization that applied the seals
 Syntax Notes:
 Semantic Notes:
 Comments:

Data Element Summary

CP	Ref.	Data	Name	Attributes
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>		
M	M701	225	Seal Number Unique number on seal used to close a shipment	M 1 AN 2/15
O	M702	225	Seal Number Unique number on seal used to close a shipment	O 1 AN 2/15
O	M703	225	Seal Number Unique number on seal used to close a shipment	O 1 AN 2/15
O	M704	225	Seal Number Unique number on seal used to close a shipment	O 1 AN 2/15
Not Used	M705	98	Entity Identifier Code Refer to 004040 Data Element Dictionary for acceptable code values.	O 1 ID 2/3



Segment: **S5** Pick-Up Details
 Position: 0100
 Loop: 0300 Mandatory
 Level: Detail
 Usage: Mandatory
 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: At least 1 Pick Up / Stop Off Detail is required to indicate where the shipment is originating from.
 CPRS requires only a 204 Bill of Lading at Pool Location Business and does not require an EDI 204 Load Tender.

Data Element Summary

CP	Ref.	Data	Attributes		
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	S501	165	Stop Sequence Number	M	1 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	1 ID 2/2
			Code specifying the reason for the stop		
			CL Complete		
			PL Part Load		
			SL Spot for Load		
			Carrier requested to spot trailer for loading		
Not Used	S503	81	Weight	X	1 R 1/10
Not Used	S504	188	Weight Unit Code	X	1 ID 1/1
			Refer to 004040 Data Element Dictionary for acceptable code values.		
Not Used	S505	382	Number of Units Shipped	X	1 R 1/10
Not Used	S506	355	Unit or Basis for Measurement Code	X	1 ID 2/2
			Refer to 004040 Data Element Dictionary for acceptable code values.		
Not Used	S507	183	Volume	X	1 R 1/8
Not Used	S508	184	Volume Unit Qualifier	X	1 ID 1/1
			Refer to 004040 Data Element Dictionary for acceptable code values.		
Not Used	S509	352	Description	O	1 AN 1/80
Not Used	S510	154	Standard Point Location Code	O	1 ID 6/9
Not Used	S511	190	Accomplish Code	O	1 ID 1/1
			Refer to 004040 Data Element Dictionary for acceptable code values.		



Segment: **L11** Business Instructions and Reference Number
 Position: 0200
 Loop: 0300 Mandatory
 Level: Detail
 Usage: Optional
 Max Use: 50
 Purpose: To specify instructions in this business relationship or a reference number
 Syntax Notes: 1 At least one of L1101 or L1103 is required.
 2 If either L1101 or L1102 is present, then the other is required.
 Semantic Notes: 1 L1104 contains data relating to the qualifier cited in L1102.
 Comments:

Data Element Summary

CP	Ref.	Data	Name	Attributes
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>		
X	L1101	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X 1 AN 1/50
X	L1102	128	Reference Identification Qualifier Code qualifying the Reference Identification	X 1 ID 2/3
			BM Bill of Lading Number	
			BN Booking Number	
			CO Customer Order Number	
			CR Customer Reference Number	
			MB Master Bill of Lading	
			OB Ocean Bill of Lading	
			PO Purchase Order Number	
			QN Stop Sequence Number	
			SI Shipper's Identifying Number for Shipment (SID)	
			WH Master Reference (Link) Number	
			ZZ Mutually Defined	
This is not a comprehensive list and only includes some of the most commonly used Reference Identification Qualifiers.				
Not Used	L1103	352	Description	X 1 AN 1/80
O	L1104	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	O 1 DT 8/8
Not Used	L1105	1073	Yes/No Condition or Response Code Refer to 004040 Data Element Dictionary for acceptable code values.	O 1 ID 1/1



Segment: **G62** Date/Time
 Position: 0300
 Loop: 0300 Mandatory
 Level: Detail
 Usage: Optional
 Max Use: 2
 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: Used to provide Pick-Up Appointment to CP.

Data Element Summary

CP	Ref.	Data	Attributes	
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
M	G6201	432	Date Qualifier Code specifying type of date	X 1 ID 2/2
		37	Ship Not Before Date	
		38	Ship Not Later Than Date	
M	G6202	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	X 1 DT 8/8
M	G6203	176	Time Qualifier Code specifying the reported time Refer to 004040 Data Element Dictionary for acceptable code values.	X 1 ID 1/2
M	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) 4 hour window between start and end appointment time is recommended.	X 1 TM 4/8
O	G6205	623	Time Code Refer to 004040 Data Element Dictionary for acceptable code values.	O 1 ID 2/2



Segment: **N1** Name
 Position: 0700
 Loop: 0310 Optional
 Level: Detail
 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:

Notes: Legal Entity names (Railinc/DUN & BRADSTREET) must be provided.

Data Element Summary

CP	Ref.	Data	Attributes	
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
M	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual	M 1 ID 2/3
		SF	Ship From Represents the Pick-Up Location(s).	
M	N102	93	Name Free-form name	X 1 AN 1/60
X	N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) Refer to 004040 Data Element Dictionary for acceptable code values.	X 1 ID 1/2
X	N104	67	Identification Code Code identifying a party or other code	X 1 AN 2/80
Not Used	N105	706	Entity Relationship Code Refer to 004040 Data Element Dictionary for acceptable code values.	O 1 ID 2/2
Not Used	N106	98	Entity Identifier Code Refer to 004040 Data Element Dictionary for acceptable code values.	O 1 ID 2/3



Segment: **N3** Address Information
 Position: 0900
 Loop: 0310 Optional
 Level: Detail
 Usage: Optional
 Max Use: 2
 Purpose: To specify the location of the named party
 Syntax Notes:
 Semantic Notes:
 Comments:

Data Element Summary

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

Segment: **N4** Geographic Location
 Position: 1000
 Loop: 0310 Optional
 Level: Detail
 Usage: Optional
 Max Use: 1
 Purpose: To specify the geographic place of the named party
 Syntax Notes:

- 1 Only one of N402 or N407 may be present.
- 2 If N406 is present, then N405 is required.
- 3 If N407 is present, then N404 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.

Data Element Summary

CP	Ref.	Data		Attributes
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N401	19	City Name Free-form text for city name	O 1 AN 2/30
M	N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	X 1 ID 2/2
M	N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O 1 ID 3/15
Rec	N404	26	Country Code Code identifying the country	X 1 ID 2/3
Not Used	N405	309	Location Qualifier Refer to 004040 Data Element Dictionary for acceptable code values.	X 1 ID 1/2
Not Used	N406	310	Location Identifier	O 1 AN 1/30
Not Used	N407	1715	Country Subdivision Code	X 1 ID 1/3



Segment: **G61** Contact
 Position: 1200
 Loop: 0310 Optional
 Level: Detail
 Usage: Optional
 Max Use: 3
 Purpose: To identify a person or office to whom communications should be directed
 Syntax Notes: 1 If either G6103 or G6104 is present, then the other is required.
 Semantic Notes:
 Comments: 1 G6103 qualifies G6104.

Data Element Summary

CP	Ref.	Data	Name	Attributes
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>		
M	G6101	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named Refer to 004040 Data Element Dictionary for acceptable code values.	M 1 ID 2/2
M	G6102	93	Name Free-form name	M 1 AN 1/60
X	G6103	365	Communication Number Qualifier Code identifying the type of communication number EM Electronic Mail FX Facsimile TE Telephone	X 1 ID 2/2
X	G6104	364	Communication Number Complete communications number including country or area code when applicable	X 1 AN 1/256
Not Used	G6105	443	Contact Inquiry Reference	O 1 AN 1/20



Segment: **L5** Description, Marks and Numbers
 Position: 1300
 Loop: 0320 (Must Use)
 Level: Detail
 Usage: Optional (Must Use)
 Max Use: 1
 Purpose: To specify the line item in terms of description, quantity, packaging, and marks and numbers

Syntax Notes: If either L503 or L504 is present, then the other is required.

Semantic Notes:

Comments: L502 may be used to send quantity information as part of the product description.

Data Element Summary

CP	Ref.	Data	Name	Attributes
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>		
M	L501	213	Lading Line Item Number Sequential line number for a lading item	O 1 NO 1/3
O	L502	79	Lading Description Description of an item as required for rating and billing purposes To be used to provide the commodity description only	O 1 AN 1/50
M	L503	22	Commodity Code Code describing a commodity or group of commodities STCC Code(s)	X 1 AN 1/30
Rec	L504	23	Commodity Code Qualifier Code identifying the commodity coding system used for Commodity Code T Standard Transportation Commodity Code (STCC)	X 1 ID 1/1
Not Used	L505	103	Packaging Code Refer to 004040 Data Element Dictionary for acceptable code values.	O 1 AN 3/5
Not Used	L506	87	Marks and Numbers	X 1 AN 1/48
Not Used	L507	88	Marks and Numbers Qualifier Refer to 004040 Data Element Dictionary for acceptable code values.	O 1 ID 1/2
Not Used	L508	23	Commodity Code Qualifier Refer to 004040 Data Element Dictionary for acceptable code values.	X 1 ID 1/1
Not Used	L509	22	Commodity Code	X 1 AN 1/30
Not Used	L510	595	Compartment ID Code Refer to 004040 Data Element Dictionary for acceptable code values.	O 1 ID 1/1



Segment: **AT8** Shipment Weight, Packaging and Quantity Data
 Position: 1350
 Loop: 0320 Optional (Must Use)
 Level: Detail
 Usage: Optional
 Max Use: 1
 Purpose: To specify shipment details in terms of weight, and quantity of handling units
 Syntax Notes: 1 If any of AT801 AT802 or AT803 is present, then all are required.
 2 If either AT806 or AT807 is present, then the other is required.
 Semantic Notes: 1 AT804 is the quantity of handling units that are not unitized (for example a carton).
 When added to the quantity in AT805, it is the total quantity of handling units in the shipment.
 2 AT805 is the quantity of handling units that are unitized (for example on a pallet or slip sheet). When added to the quantity in AT804 it is the total quantity of handling units for the shipment.
 Comments:

Data Element Summary

CP	Ref.	Data	Attributes	
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
M	AT801	187	Weight Qualifier Code defining the type of weight	X 1 ID 1/2
			E Estimated Net Weight	
			G Gross Weight	
			N Actual Net Weight	
M	AT802	188	Weight Unit Code Code specifying the weight unit	X 1 ID 1/1
			K Kilograms	
			L Pounds	
M	AT803	81	Weight Numeric value of weight	X 1 R 1/10
M	AT804	80	Lading Quantity Number of units (pieces) of the lading commodity	O 1 N0 1/7
Not Used	AT805	80	Lading Quantity	O 1 N0 1/7
Not Used	AT806	184	Volume Unit Qualifier Refer to 004040 Data Element Dictionary for acceptable code values.	X 1 ID 1/1
Not Used	AT807	183	Volume	X 1 R 1/8



Segment: **G61** Hazardous 24hr Emergency Contact
 Position: 1400
 Loop: 0325 Optional
 Level: Detail
 Usage: Optional
 Max Use: 1
 Purpose: To identify a person or office to whom communications should be directed
 Syntax Notes: 1 If either G6103 or G6104 is present, then the other is required.
 Semantic Notes:
 Comments: 1 G6103 qualifies G6104.
 Notes: If Commodity being pick up is Hazardous then the Hazardous 24hr Emergency Contact Number is Mandatory.

Data Element Summary

CP	Ref.	Data	Attributes	
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	G6101	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named CN General Contact HM Hazardous Material Contact	M 1 ID 2/2
M	G6102	93	Name Free-form name	M 1 AN 1/60
X	G6103	365	Communication Number Qualifier Code identifying the type of communication number TE Telephone	X 1 ID 2/2
X	G6104	364	Communication Number Complete communications number including country or area code when applicable	X 1 AN 1/256
Not Used	G6105	443	Contact Inquiry Reference	O 1 AN 1/20



Segment: **L11** Business Instructions and Reference Number
 Position: 1410
 Loop: 0325 Optional
 Level: Detail
 Usage: Optional
 Max Use: 5
 Purpose: To specify instructions in this business relationship or a reference number
 Syntax Notes: 1 At least one of L1101 or L1103 is required.
 2 If either L1101 or L1102 is present, then the other is required.
 Semantic Notes: L1104 contains data relating to the qualifier cited in L1102.
 Comments:

Data Element Summary

CP	Ref.	Data	Name	Attributes
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>		
X	L1101	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X 1 AN 1/50
X	L1102	128	Reference Identification Qualifier Code qualifying the Reference Identification AH Agreement Number HA Competent Authority HE Hazardous Exemption Number PN Permit Number S0 Special Approval	X 1 ID 2/3
This is not a comprehensive list and only includes some of the most commonly used Reference Identification Qualifiers.				
Not Used	L1103	352	Description	X 1 AN 1/80
O	L1104	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year If used, LH1101 must be 'PN'. Used for Transport Canada Permit Expiration Date.	O 1 DT 8/8
Not Used	L1105	1073	Yes/No Condition or Response Code Refer to 004040 Data Element Dictionary for acceptable code values.	O 1 ID 1/1



Segment: **LH1** Hazardous Identification Information
 Position: 1430
 Loop: 0330 Optional (Must Use)
 Level: Detail
 Usage: Optional (Must Use)
 Max Use: 1
 Purpose: To specify the hazardous commodity identification reference number and quantity
 Syntax Notes:
 Semantic Notes:
 Comments:

- 1 LH101 and LH102 are used to convey the number and type of packages for bulk and non-bulk movements.
- 2 LH106 and LH107 are used to convey the quantity or volume and unit of measure for non-bulk shipments only.
- 3 In LH109, a value of "R" or "P" requires that the receiver generate the words "residue: last contained" prior to the shipping name in accordance with regulations.

Data Element Summary

CP	Ref.	Data	Name	Attributes
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>		
M	LH101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	M 1 ID 2/2
		16	115 Kilogram Drum A cylindrical container whose contents weigh 115 kilograms when full	
		17	100 Pound Drum A cylindrical container whose contents weigh 100 pounds when full	
		18	55 Gallon Drum A cylindrical container whose volume is equal to 55 gallons	
		1P	Tank Car	
		TK	Tank	
This is not a comprehensive list and only includes some of the most commonly used Basis for Measurement Codes.				
M	LH102	80	Lading Quantity Number of units (pieces) of the lading commodity Used to convey the number of packages in LH101.	M 1 N0 1/7
M	LH103	277	UN/NA Identification Code Code identifying the hazardous material identification number as required by Title 49 of the code of Federal Regulations; UN/NA stands for United Nations/North America	O 1 ID 6/6
O	LH104	200	Hazardous Materials Page The United Nations page number as required for the international transport of hazardous materials	O 1 AN 1/6
M	LH105	22	Commodity Code Code describing a commodity or group of commodities Must contain a 7-digit numeric Hazardous Materials Response code (HMRC).	O 1 AN 1/30
O	LH106	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O 1 ID 2/2



			Refer to 004040 Data Element Dictionary for acceptable code values.			
O	LH107	380	Quantity Numeric value of quantity	O	1	R 1/15
Not Used	LH108	595	Compartment ID Code Refer to 004040 Data Element Dictionary for acceptable code values.	O	1	ID 1/1
O	LH109	665	Residue Indicator Code Code indicating that the material being described is that which remains in a packaging (including a tank car) after it has been unloaded G Residue Last Contained Description (Small Means of Containment) P Residue Last Contained Description (Packages) R Residue Last Contained Description (Rail Car)	O	1	ID 1/1
O	LH110	254	Packing Group Code Code indicating degree of danger in terms of Roman number I, II or III	O	1	ID 1/3
Not Used	LH111	1375	Interim Hazardous Material Regulatory Number	O	1	AN 1/5



Segment: **LH2** Hazardous Classification Information
 Position: 1440
 Loop: 0330 Optional (Must Use)
 Level: Detail
 Usage: Optional (Must Use)
 Max Use: 4
 Purpose: To specify the hazardous notation and endorsement information
 Syntax Notes: 1 If either LH206 or LH207 is present, then the other is required.
 2 If either LH208 or LH209 is present, then the other is required.
 3 If either LH210 or LH211 is present, then the other is required.
 4 If either LH212 or LH213 is present, then the other is required.
 Semantic Notes: 1 LH206 and LH207 indicate the flashpoint temperature.
 2 LH208 and LH209 indicate the control temperature.
 3 LH210 and LH211 indicate the emergency temperature.
 4 LH212 and LH213 indicate the net explosive weight.
 Comments:

Data Element Summary

CP	Ref.	Data	Attributes	
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
O	LH201	215	Hazardous Classification The hazardous classification corresponding to the shipping name of the hazardous commodity Mandatory whenever the data is required for U.S and/or Canadian hazardous shipment requirements. The compatibility group must follow the division number for dangerous goods included in Class 1 (i.e. 1.1D where D is the compatibility group). Except for combustible liquids, only pass the numeric hazard class, decimal, division and compatibility group if applicable. Do not pass the words 'CLASS' or 'HAZARD CLASS'. For Secondary Hazard Classifications do not pass parentheses. For combustible liquids pass 'COMBUSTIBLE LIQUID'.	O 1 ID 1/30
O	LH202	983	Hazardous Class Qualifier Code qualifying hazardous class Refer to 004040 Data Element Dictionary for acceptable code values.	O 1 ID 1/1
Not Used	LH203	218	Hazardous Placard Notation	O 1 ID 14/40
Not Used	LH204	222	Hazardous Endorsement	O 1 ID 4/25
O	LH205	759	Reportable Quantity Code Code to identify presence of hazardous substance RQ Reportable Quantity	O 1 ID 2/2
X	LH206	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken CE Centigrade, Celsius FA Fahrenheit	X 1 ID 2/2
X	LH207	408	Flashpoint Temperature Temperature	X 1 R 1/4
X	LH208	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004040 Data Element Dictionary for acceptable code values.	X 1 ID 2/2



X	LH209	408	Temperature Temperature	X	1	R 1/4
			Control Temperature			
X	LH210	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken CE Centigrade, Celsius FA Fahrenheit	X	1	ID 2/2
X	LH211	408	Temperature Temperature	X	1	R 1/4
			Emergency Temperature			
X	LH212	188	NEQ Weight Unit Code Code specifying the weight unit Required for Explosive Class 1 Commodities. K Kilograms L Pounds	X	1	ID 1/1
X	LH213	267	Net Explosive Quantity Net weight of the explosive quantity of the hazardous commodity Required for Explosive Class 1 Commodities.	X	1	NO 1/10



Segment: **LH3** Hazardous Material Shipping Name
 Position: 1450
 Loop: 0330 Optional (Must Use)
 Level: Detail
 Usage: Optional (Must Use)
 Max Use: 10
 Purpose: To specify the hazardous material shipping name and additional descriptive requirements
 Syntax Notes: If either LH301 or LH302 is present, then the other is required.
 Semantic Notes:
 Comments:

Data Element Summary

CP	Ref.	Data	Name	Attributes
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>		
X	LH301	224	Hazardous Material Shipping Name The proper shipping name of the hazardous commodity as specified by Title 49 Code of Federal Regulations, or the shipping name of the dangerous good as defined in the Canadian Transportation of Dangerous Goods Act and Regulations, or the international regulations as promulgated by the United Nations This field will contain the shipping name defined by the regulatory authority identified in LH302.	X 1 AN 1/25
X	LH302	984	Hazardous Material Shipping Name Qualifier Qualifier indicating the source (regulatory) of the proper shipping name C Canadian Shipping Name D Domestic (United States) Shipping Name I International Shipping Name	X 1 ID 1/1
O	LH303	985	N.O.S. Indicator Code Code indicating the type of regulatory requirements that apply to a description; N.O.S. stands for Not Otherwise Specified NOS N.O.S. Regulatory Requirements Apply	O 1 ID 3/3
Not Used	LH304	1073	Yes/No Condition or Response Code Refer to 004040 Data Element Dictionary for acceptable code values.	O 1 ID 1/1



Segment: **LFH** Freeform Hazardous Material Information
 Position: 1460
 Loop: 0330 Optional (Must Use)
 Level: Detail
 Usage: Optional
 Max Use: 20
 Purpose: To uniquely identify the variable information required by government regulation covering the transportation of hazardous material shipments
 Syntax Notes: 1 If either LFH05 or LFH06 is present, then the other is required.
 Semantic Notes: 1 LFH06 indicates activity of the radioactive material.
 2 LFH07 indicates transport index of the radioactive material.
 Comments:

Data Element Summary

CP	Ref.	Data	Name	Attributes
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>		
M	LFH01	808	Hazardous Material Shipment Information Qualifier Qualifier indicating the type of information being passed so that a receiver may format a description of hazardous commodity movements that meets regulatory requirements	M 1 ID 3/3
			ADI Additional Descriptive Information Not Required by Regulation but Desired to Accompany the Movement by the Shipper	
			HZC Hazardous Substance Constituents	
			INH Inhalation Hazard	
			LQY "Limited Quantity" Declaration	
			MPI Marine Pollutant	
			PIH "Poison - Inhalation Hazard" Declaration	
			POI "Poison" Declaration	
			RAM Radioactive Material Data	
			TEC Technical or Chemical Group Name	
			TNM Trade Name	
			WST Waste Declaration	
			This is not a comprehensive list and only includes some of the most commonly used Hazardous Material Shipment Information Qualifiers.	
M	LFH02	809	Hazardous Material Shipment Information Specific information required by law for hazardous material shipments	M 1 AN 1/25
O	LFH03	809	Hazardous Material Shipment Information Specific information required by law for hazardous material shipments Field for overflow data from LFH02. If used to identify Protective Direction Number pass the Protective Direction Number here.	O 1 AN 1/25
O	LFH04	1023	Hazard Zone Code Code specifying the Department of Transportation assigned zone designating the Inhalation Toxicity Hazard Zone Used only when LFH01 equals PIH.	O 1 ID 1/1
			A Hazard Zone A	
			B Hazard Zone B	
			C Hazard Zone C	



		D Hazard Zone D			
X	LFH05	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004040 Data Element Dictionary for acceptable code values.	X	1 ID 2/2
X	LFH06	380	RAM Activity Quantity Numeric value of quantity	X	1 R 1/15
O	LFH07	380	RAM Activity Quantity Numeric value of quantity	O	1 R 1/15

Segment: **LEP** EPA Required Data
 Position: 1470
 Loop: 0330 Optional (Must Use)
 Level: Detail
 Usage: Optional
 Max Use: 3
 Purpose: To specify the Environmental Protection Agency (EPA) information relating to shipments of hazardous material

- Syntax Notes: 1 If either LEP03 or LEP04 is present, then the other is required.
 Semantic Notes: 1 LEP03 is used to identify the state or province responsible for the hazardous waste number contained in LEP04.
 2 LEP04 is the hazardous waste number.

Comments:

Data Element Summary

CP	Ref.	Data	Name	Attributes
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>		
O	LEP01	806	EPA Waste Stream Number Code Waste stream number applicable to the movement of hazardous waste as determined by government regulations If more than 3 waste stream codes, use LFH segment qualified with ADI. Waste Stream Number is to be enclosed in parenthesis.	O 1 ID 4/6
Not Used	LEP02	807	Waste Characteristics Code	O 1 ID 12/16
Not Used	LEP03	156	State or Province Code	X 1 ID 2/2
Not Used	LEP04	127	Reference Identification	X 1 AN 1/50



Segment: **LH4** Canadian Dangerous Requirements
 Position: 1480
 Loop: 0330 Optional (Must Use)
 Level: Detail
 Usage: Optional
 Max Use: 1
 Purpose: To specify additional Transport Canada requirements covering transportation of dangerous goods in Canada
 Syntax Notes: If either LH401 or LH402 is present, then the other is required.
 Semantic Notes: LH411 is an additional telephone number.
 Comments: LH402 is used for the emergency response plan telephone number.

Data Element Summary

CP	Ref.	Data	Name	Attributes
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>		
X	LH401	238	Emergency Response Plan Number The identity number of a specific hazardous emergency response plan that is assigned by the Director General of Canada Required if the commodity is listed in Schedule 1, Column 7 of the Canadian Transportation of Dangerous Goods regulations. Format to be confirmed with Canadian Transportation of Dangerous Goods requirements. Currently the valid formats are n-nnnn OR n-nnnn-nnn	X 1 AN 1/12
X	LH402	364	Communication Number Complete communications number including country or area code when applicable Required if LH401 is present.	X 1 AN 1/256
Not Used	LH403	254	Packing Group Code	O 1 ID 1/3
Not Used	LH404	230	Subsidiary Classification	O 1 ID 1/3
Not Used	LH405	230	Subsidiary Classification	O 1 ID 1/3
Not Used	LH406	230	Subsidiary Classification	O 1 ID 1/3
Not Used	LH407	271	Subsidiary Risk Indicator Refer to 004040 Data Element Dictionary for acceptable code values.	O 1 ID 1/2
Not Used	LH408	267	Net Explosive Quantity	X 1 N0 1/10
Not Used	LH409	805	Canadian Hazardous Notation	O 1 AN 1/25
Not Used	LH410	986	Special Commodity Indicator Code Refer to 004040 Data Element Dictionary for acceptable code values.	O 1 ID 1/1
Not Used	LH411	364	Communication Number	O 1 AN 1/256
Not Used	LH412	355	Unit or Basis for Measurement Code Refer to 004040 Data Element Dictionary for acceptable code values.	X 1 ID 2/2



Segment: **OID** Order Information Detail
 Position: 1500
 Loop: 0350 Optional
 Level: Detail
 Usage: Optional
 Max Use: 1
 Purpose: To specify order information detail
 Syntax Notes: At least one of OID01 or OID02 is required.
 Semantic Notes: OID01 is the seller's order identification number.
 Comments:

Data Element Summary

CP	Ref.	Data	Name	Attributes
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>		
X	OID01	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier The value provided here will be transposed to L11 Shipper's Order Number reference.	X 1 AN 1/50
X	OID02	324	Purchase Order Number Identifying number for Purchase Order assigned by the purchaser	X 1 AN 1/22
Not Used	OID03	127	Reference Identification	O 1 AN 1/50
Not Used	OID04	211	Packaging Form Code Refer to 004040 Data Element Dictionary for acceptable code values.	X 1 ID 3/3
Not Used	OID05	380	Quantity	X 1 R 1/15
Not Used	OID06	188	Weight Unit Code Refer to 004040 Data Element Dictionary for acceptable code values.	X 1 ID 1/1
Not Used	OID07	81	Weight	X 1 R 1/10
Not Used	OID08	184	Volume Unit Qualifier Refer to 004040 Data Element Dictionary for acceptable code values.	X 1 ID 1/1
Not Used	OID09	183	Volume	X 1 R 1/8
Not Used	OID10	647	Application Error Condition Code Refer to 004040 Data Element Dictionary for acceptable code values.	O 1 ID 1/3
Not Used	OID11	127	Reference Identification	O 1 AN 1/50



Segment: **S5** Delivery/ Drop-off Details
 Position: 0100
 Loop: 0300 Mandatory
 Level: Detail
 Usage: Mandatory
 Max Use: 1
 Purpose: To specify stop-off detail reference numbers and stop reason
 Syntax Notes:
 Semantic Notes:
 Comments:
 Notes:

At least 1 Delivery/Drop Off detail is required to indicate where the shipment is destined to.

Data Element Summary

CP	Ref.	Data	Attributes	
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	S501	165	Stop Sequence Number Identifying number for the specific stop and the sequence in which the stop is to be performed	M 1 N0 1/3
M	S502	163	Stop Reason Code Code specifying the reason for the stop CU Complete Unload PU Part Unload	M 1 ID 2/2
Not Used	S503	81	Weight	X 1 R 1/10
Not Used	S504	188	Weight Unit Code Refer to 004040 Data Element Dictionary for acceptable code values.	X 1 ID 1/1
Not Used	S505	382	Number of Units Shipped	X 1 R 1/10
Not Used	S506	355	Unit or Basis for Measurement Code Refer to 004040 Data Element Dictionary for acceptable code values.	X 1 ID 2/2
Not Used	S507	183	Volume	X 1 R 1/8
Not Used	S508	184	Volume Unit Qualifier Refer to 004040 Data Element Dictionary for acceptable code values.	X 1 ID 1/1
Not Used	S509	352	Description	O 1 AN 1/80
Not Used	S510	154	Standard Point Location Code	O 1 ID 6/9
Not Used	S511	190	Accomplish Code Refer to 004040 Data Element Dictionary for acceptable code values.	O 1 ID 1/1



Segment: **L11** Business Instructions and Reference Number
 Position: 0200
 Loop: 0300 Mandatory
 Level: Detail
 Usage: Optional
 Max Use: 50
 Purpose: To specify instructions in this business relationship or a reference number
 Syntax Notes:
 1 At least one of L1101 or L1103 is required.
 2 If either L1101 or L1102 is present, then the other is required.
 Semantic Notes:
 1 L1104 contains data relating to the qualifier cited in L1102.
 2 L1105 indicates if the reference numbers included in this transmission were transmitted to the carrier in electronic format or key entered by the carrier. A "Y" indicates the carrier utilized the electronic shipper supplied reference information to create this document. An "N" indicates the carrier key entered the reference information from a shipper supplied document.
 Comments:

Data Element Summary

CP	Ref.	Data	Attributes	
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
X	L1101	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X 1 AN 1/50
X	L1102	128	Reference Identification Qualifier Code qualifying the Reference Identification	X 1 ID 2/3
			BM Bill of Lading Number	
			BN Booking Number	
			CO Customer Order Number	
			CR Customer Reference Number	
			MB Master Bill of Lading	
			OB Ocean Bill of Lading	
			PO Purchase Order Number	
			QN Stop Sequence Number	
			SI Shipper's Identifying Number for Shipment (SID)	
			WH Master Reference (Link) Number	
			ZZ Mutually Defined	
This is not a comprehensive list and only includes some of the most commonly used Reference Identification Qualifiers.				
Not Used	L1103	352	Description	X 1 AN 1/80
O	L1104	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	O 1 DT 8/8
Not Used	L1105	1073	Yes/No Condition or Response Code Refer to 004040 Data Element Dictionary for acceptable code values.	O 1 ID 1/1



Segment: **G62** Date/Time
 Position: 0300
 Loop: 0300 Mandatory
 Level: Detail
 Usage: Optional
 Max Use: 2
 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:

Data Element Summary

CP	Ref.	Data	Attributes	
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
X	G6201	432	Date Qualifier Code specifying type of date	X 1 ID 2/2
			53 Deliver Not Before Date	
			54 Deliver No Later Than Date	
			68 Requested Delivery Date	
X	G6202	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	X 1 DT 8/8
X	G6203	176	Time Qualifier Code specifying the reported time Refer to 004040 Data Element Dictionary for acceptable code values.	X 1 ID 1/2
X	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)	X 1 TM 4/8
O	G6205	623	Time Code Refer to 004040 Data Element Dictionary for acceptable code values.	O 1 ID 2/2



Segment: **N1** Name
 Position: 0700
 Loop: 0310 Optional
 Level: Detail
 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: This segment, used alone, provides the most efficient method of providing organizational identification.
 Notes: Used to indicate the Consignee/Ship To Party.
 At Least One Occurrence of a Consignee/Ship To Party is required.
 Legal Entity names (Railinc/DUN & BRADSTREET) must be provided.

Data Element Summary

CP	Ref.	Data	Attributes	
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
M	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual ST Ship To	M 1 ID 2/3
M	N102	93	Name Free-form name	X 1 AN 1/60
X	N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) Refer to 004040 Data Element Dictionary for acceptable code values.	X 1 ID 1/2
X	N104	67	Identification Code Code identifying a party or other code	X 1 AN 2/80
Not Used	N105	706	Entity Relationship Code Refer to 004040 Data Element Dictionary for acceptable code values.	O 1 ID 2/2
Not Used	N106	98	Entity Identifier Code Refer to 004040 Data Element Dictionary for acceptable code values.	O 1 ID 2/3



Segment: **N3** Address Information
 Position: 0900
 Loop: 0310 Optional
 Level: Detail
 Usage: Optional
 Max Use: 2
 Purpose: To specify the location of the named party
 Syntax Notes:
 Semantic Notes:
 Comments:

Data Element Summary

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

Segment: **N4** Geographic Location
 Position: 1000
 Loop: 0310 Optional
 Level: Detail
 Usage: Optional
 Max Use: 1
 Purpose: To specify the geographic place of the named party
 Syntax Notes:

- Only one of N402 or N407 may be present.
- If N406 is present, then N405 is required.
- If N407 is present, then N404 is required.

 Semantic Notes:
 Comments:

- A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
- N402 is required only if city name (N401) is in the U.S. or Canada.

Data Element Summary

CP	Ref.	Data		Attributes
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N401	19	City Name Free-form text for city name	O 1 AN 2/30
M	N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	X 1 ID 2/2
M	N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O 1 ID 3/15
Rec	N404	26	Country Code Code identifying the country	X 1 ID 2/3
Not Used	N405	309	Location Qualifier Refer to 004040 Data Element Dictionary for acceptable code values.	X 1 ID 1/2
Not Used	N406	310	Location Identifier	O 1 AN 1/30
Not Used	N407	1715	Country Subdivision Code	X 1 ID 1/3



Segment: **G61** Contact
 Position: 1200
 Loop: 0310 Optional
 Level: Detail
 Usage: Optional
 Max Use: 3
 Purpose: To identify a person or office to whom communications should be directed
 Syntax Notes: If either G6103 or G6104 is present, then the other is required.
 Semantic Notes:
 Comments: G6103 qualifies G6104.

Data Element Summary

CP	Ref.	Data	Name	Attributes
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>		
M	G6101	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named Refer to 004040 Data Element Dictionary for acceptable code values.	M 1 ID 2/2
M	G6102	93	Name Free-form name	M 1 AN 1/60
X	G6103	365	Communication Number Qualifier Code identifying the type of communication number EM Electronic Mail FX Facsimile TE Telephone	X 1 ID 2/2
X	G6104	364	Communication Number Complete communications number including country or area code when applicable	X 1 AN 1/256
Not Used	G6105	443	Contact Inquiry Reference	O 1 AN 1/20



Segment: **L5** Description, Marks and Numbers
 Position: 1300
 Loop: 0320 (Must Use)
 Level: Detail
 Usage: Optional (Must Use)
 Max Use: 1
 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.

Data Element Summary

CP	Ref.	Data	Attributes	
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	L501	213	Lading Line Item Number Sequential line number for a lading item	O 1 NO 1/3
O	L502	79	Lading Description Description of an item as required for rating and billing purposes To be used to provide the commodity description only	O 1 AN 1/50
M	L503	22	Commodity Code Code describing a commodity or group of commodities STCC Code(s)	X 1 AN 1/30
Rec	L504	23	Commodity Code Qualifier Code identifying the commodity coding system used for Commodity Code T Standard Transportation Commodity Code (STCC)	X 1 ID 1/1
Not Used	L505	103	Packaging Code Refer to 004040 Data Element Dictionary for acceptable code values.	O 1 AN 3/5
Not Used	L506	87	Marks and Numbers	X 1 AN 1/48
Not Used	L507	88	Marks and Numbers Qualifier Refer to 004040 Data Element Dictionary for acceptable code values.	O 1 ID 1/2
Not Used	L508	23	Commodity Code Qualifier Refer to 004040 Data Element Dictionary for acceptable code values.	X 1 ID 1/1
Not Used	L509	22	Commodity Code	X 1 AN 1/30
Not Used	L510	595	Compartment ID Code Refer to 004040 Data Element Dictionary for acceptable code values.	O 1 ID 1/1



Segment: **AT8** Shipment Weight, Packaging and Quantity Data
 Position: 1350
 Loop: 0320 (Must Use)
 Level: Detail
 Usage: Optional (Must Use)
 Max Use: 1
 Purpose: To specify shipment details in terms of weight, and quantity of handling units
 Syntax Notes: If any of AT801 AT802 or AT803 is present, then all are required.
 Semantic Notes: AT804 is the quantity of handling units that are not unitized (for example a carton).
 When added to the quantity in AT805, it is the total quantity of handling units in the shipment.
 Comments:

Data Element Summary

CP	Ref.	Data			Attributes
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	AT801	187	Weight Qualifier		X 1 ID 1/2
			Code defining the type of weight		
			E	Estimated Net Weight	
			G	Gross Weight	
			N	Actual Net Weight	
M	AT802	188	Weight Unit Code		X 1 ID 1/1
			Code specifying the weight unit		
			K	Kilograms	
			L	Pounds	
M	AT803	81	Weight		X 1 R 1/10
			Numeric value of weight		
M	AT804	80	Lading Quantity		O 1 N0 1/7
			Number of units (pieces) of the lading commodity		
Not Used	AT805	80	Lading Quantity		O 1 N0 1/7
Not Used	AT806	184	Volume Unit Qualifier		X 1 ID 1/1
			Refer to 004040 Data Element Dictionary for acceptable code values.		
Not Used	AT807	183	Volume		X 1 R 1/8



Segment: **G61** Contact
 Position: 1400
 Loop: 0325 Optional
 Level: Detail
 Usage: Optional
 Max Use: 1
 Purpose: To identify a person or office to whom communications should be directed
 Syntax Notes: If either G6103 or G6104 is present, then the other is required.
 Semantic Notes:
 Comments: G6103 qualifies G6104.

Data Element Summary

CP	Ref.	Data	Name	Attributes
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>		
M	G6101	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named CN General Contact HM Hazardous Material Contact	M 1 ID 2/2
M	G6102	93	Name Free-form name	M 1 AN 1/60
X	G6103	365	Communication Number Qualifier Code identifying the type of communication number TE Telephone	X 1 ID 2/2
X	G6104	364	Communication Number Complete communications number including country or area code when applicable	X 1 AN 1/256
Not Used	G6105	443	Contact Inquiry Reference	O 1 AN 1/20



Segment: **L11** Business Instructions and Reference Number
 Position: 1410
 Loop: 0325 Optional
 Level: Detail
 Usage: Optional
 Max Use: 5
 Purpose: To specify instructions in this business relationship or a reference number
 Syntax Notes: 1 At least one of L1101 or L1103 is required.
 2 If either L1101 or L1102 is present, then the other is required.
 Semantic Notes: L1104 contains data relating to the qualifier cited in L1102.
 Comments:

Data Element Summary

CP	Ref.	Data	Name	Attributes
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>		
X	L1101	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X 1 AN 1/50
X	L1102	128	Reference Identification Qualifier Code qualifying the Reference Identification AH Agreement Number HA Competent Authority HE Hazardous Exemption Number PN Permit Number S0 Special Approval	X 1 ID 2/3
This is not a comprehensive list and only includes some of the most commonly used Reference Identification Qualifiers.				
Not Used	L1103	352	Description	X 1 AN 1/80
O	L1104	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year If used, LH1101 must be 'PN'. Used for Transport Canada Permit Expiration Date.	O 1 DT 8/8
Not Used	L1105	1073	Yes/No Condition or Response Code Refer to 004040 Data Element Dictionary for acceptable code values.	O 1 ID 1/1



Segment: **LH1** Hazardous Identification Information
 Position: 1430
 Loop: 0330 Optional
 Level: Detail
 Usage: Optional
 Max Use: 1
 Purpose: To specify the hazardous commodity identification reference number and quantity
 Syntax Notes:
 Semantic Notes:
 Comments:

- 1 LH101 and LH102 are used to convey the number and type of packages for bulk and non-bulk movements.
- 2 LH106 and LH107 are used to convey the quantity or volume and unit of measure for non-bulk shipments only.
- 3 In LH109, a value of "R" or "P" requires that the receiver generate the words "residue: last contained" prior to the shipping name in accordance with regulations.

Data Element Summary

CP	Ref.	Data	Attributes	
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	LH101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	M 1 ID 2/2
		16	115 Kilogram Drum A cylindrical container whose contents weigh 115 kilograms when full	
		17	100 Pound Drum A cylindrical container whose contents weigh 100 pounds when full	
		18	55 Gallon Drum A cylindrical container whose volume is equal to 55 gallons	
		1P	Tank Car	
		TK	Tank	
M	LH102	80	Lading Quantity Number of units (pieces) of the lading commodity Used to convey the number of packages in LH101.	M 1 N0 1/7
M	LH103	277	UN/NA Identification Code Code identifying the hazardous material identification number as required by Title 49 of the code of Federal Regulations; UN/NA stands for United Nations/North America	O 1 ID 6/6
O	LH104	200	Hazardous Materials Page The United Nations page number as required for the international transport of hazardous materials	O 1 AN 1/6
M	LH105	22	Commodity Code Code describing a commodity or group of commodities Must contain a 7-digit numeric Hazardous Materials Response code (HMRC).	O 1 AN 1/30
O	LH106	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004040 Data Element Dictionary for acceptable code values.	O 1 ID 2/2



O	LH107	380	Quantity Numeric value of quantity	O	1	R 1/15
Not Used	LH108	595	Compartment ID Code Refer to 004040 Data Element Dictionary for acceptable code values.	O	1	ID 1/1
O	LH109	665	Residue Indicator Code Code indicating that the material being described is that which remains in a packaging (including a tank car) after it has been unloaded G Residue Last Contained Description (Small Means of Containment) P Residue Last Contained Description (Packages) R Residue Last Contained Description (Rail Car)	O	1	ID 1/1
O	LH110	254	Packing Group Code Code indicating degree of danger in terms of Roman number I, II or III	O	1	ID 1/3
Not Used	LH111	1375	Interim Hazardous Material Regulatory Number	O	1	AN 1/5



Segment: **LH2** Hazardous Classification Information
 Position: 1440
 Loop: 0330 Optional
 Level: Detail
 Usage: Optional
 Max Use: 4
 Purpose: To specify the hazardous notation and endorsement information
 Syntax Notes:
 1 If either LH206 or LH207 is present, then the other is required.
 2 If either LH208 or LH209 is present, then the other is required.
 3 If either LH210 or LH211 is present, then the other is required.
 4 If either LH212 or LH213 is present, then the other is required.
 Semantic Notes:
 1 LH206 and LH207 indicate the flashpoint temperature.
 2 LH208 and LH209 indicate the control temperature.
 3 LH210 and LH211 indicate the emergency temperature.
 4 LH212 and LH213 indicate the net explosive weight.
 Comments:

Data Element Summary

CP	Ref.	Data	Attributes	
<u>Attributes</u>	<u>Des.</u>	<u>Element</u> <u>Name</u>		
O	LH201	215 Hazardous Classification	O	1 ID 1/30
		The hazardous classification corresponding to the shipping name of the hazardous commodity		
		Mandatory whenever the data is required for U.S and/or Canadian hazardous shipment requirements.		
		The compatibility group must follow the division number for dangerous goods included in Class 1 (i.e. 1.1D where D is the compatibility group).		
		Except for combustible liquids, only pass the numeric hazard class, decimal, division and compatibility group if applicable. Do not pass the words 'CLASS' or 'HAZARD CLASS'.		
		For Secondary Hazard Classifications do not pass parentheses. For combustible liquids pass 'COMBUSTIBLE LIQUID'.		
O	LH202	983 Hazardous Class Qualifier	O	1 ID 1/1
		Code qualifying hazardous class		
		Refer to 004040 Data Element Dictionary for acceptable code values.		
Not Used	LH203	218 Hazardous Placard Notation	O	1 ID 14/40
Not Used	LH204	222 Hazardous Endorsement	O	1 ID 4/25
O	LH205	759 Reportable Quantity Code	O	1 ID 2/2
		Code to identify presence of hazardous substance		
		RQ Reportable Quantity		
X	LH206	355 Unit or Basis for Measurement Code	X	1 ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		CE Centigrade, Celsius		
		FA Fahrenheit		
X	LH207	408 Temperature	X	1 R 1/4
		Temperature		
X	LH208	355 Unit or Basis for Measurement Code	X	1 ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		Refer to 004040 Data Element Dictionary for acceptable code values.		



X	LH209	408	Temperature Temperature	X	1	R 1/4
Control Temperature						
X	LH210	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken CE Centigrade, Celsius FA Fahrenheit	X	1	ID 2/2
X	LH211	408	Temperature Temperature	X	1	R 1/4
Emergency Temperature						
X	LH212	188	NEQ Weight Unit Code Code specifying the weight unit Required for Explosive Class 1 Commodities. E Metric Ton K Kilograms L Pounds	X	1	ID 1/1
X	LH213	267	Net Explosive Quantity Net weight of the explosive quantity of the hazardous commodity Required for Explosive Class 1 Commodities.	X	1	N0 1/10



Segment: **LH3** Hazardous Material Shipping Name
 Position: 1450
 Loop: 0330 Optional
 Level: Detail
 Usage: Optional
 Max Use: 10
 Purpose: To specify the hazardous material shipping name and additional descriptive requirements
 Syntax Notes: If either LH301 or LH302 is present, then the other is required.
 Semantic Notes:
 Comments:

Data Element Summary

CP	Ref.	Data	Name	Attributes
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>		
X	LH301	224	Hazardous Material Shipping Name The proper shipping name of the hazardous commodity as specified by Title 49 Code of Federal Regulations, or the shipping name of the dangerous good as defined in the Canadian Transportation of Dangerous Goods Act and Regulations, or the international regulations as promulgated by the United Nations This field will contain the shipping name defined by the regulatory authority identified in LH302.	X 1 AN 1/25
X	LH302	984	Hazardous Material Shipping Name Qualifier Qualifier indicating the source (regulatory) of the proper shipping name C Canadian Shipping Name D Domestic (United States) Shipping Name I International Shipping Name	X 1 ID 1/1
O	LH303	985	N.O.S. Indicator Code Code indicating the type of regulatory requirements that apply to a description; N.O.S. stands for Not Otherwise Specified NOS N.O.S. Regulatory Requirements Apply	O 1 ID 3/3
Not Used	LH304	1073	Yes/No Condition or Response Code Refer to 004040 Data Element Dictionary for acceptable code values.	O 1 ID 1/1



Segment: **LFH** Freeform Hazardous Material Information
 Position: 1460
 Loop: 0330 Optional
 Level: Detail
 Usage: Optional
 Max Use: 20
 Purpose: To uniquely identify the variable information required by government regulation covering the transportation of hazardous material shipments
 Syntax Notes: 1 If either LFH05 or LFH06 is present, then the other is required.
 Semantic Notes: 1 LFH06 indicates activity of the radioactive material.
 2 LFH07 indicates transport index of the radioactive material.
 Comments:

Data Element Summary

CP	Ref.	Data		
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	LFH01	808	Hazardous Material Shipment Information Qualifier	M 1 ID 3/3
			Qualifier indicating the type of information being passed so that a receiver may format a description of hazardous commodity movements that meets regulatory requirements	
			ADI Additional Descriptive Information Not Required by Regulation but Desired to Accompany the Movement by the Shipper	
			HZC Hazardous Substance Constituents	
			INH Inhalation Hazard	
			LQY "Limited Quantity" Declaration	
			MPI Marine Pollutant	
			PIH "Poison - Inhalation Hazard" Declaration	
			POI "Poison" Declaration	
			RAM Radioactive Material Data	
			TEC Technical or Chemical Group Name	
			TNM Trade Name	
			WST Waste Declaration	
M	LFH02	809	Hazardous Material Shipment Information	M 1 AN 1/25
			Specific information required by law for hazardous material shipments	
O	LFH03	809	Hazardous Material Shipment Information	O 1 AN 1/25
			Specific information required by law for hazardous material shipments	
O	LFH04	1023	Hazard Zone Code	O 1 ID 1/1
			Code specifying the Department of Transportation assigned zone designating the Inhalation Toxicity Hazard Zone	
			Used only when LFH01 equals PIH.	
			A Hazard Zone A	
			B Hazard Zone B	
			C Hazard Zone C	
			D Hazard Zone D	



X	LFH05	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004040 Data Element Dictionary for acceptable code values.	X	1	ID 2/2
X	LFH06	380	Quantity Numeric value of quantity	X	1	R 1/15
O	LFH07	380	Quantity Numeric value of quantity	O	1	R 1/15

Segment: **LEP** EPA Required Data

Position: 1470

Loop: 0330 Optional

Level: Detail

Usage: Optional

Max Use: 3

Purpose: To specify the Environmental Protection Agency (EPA) information relating to shipments of hazardous material

Syntax Notes: 1 If either LEP03 or LEP04 is present, then the other is required.

Semantic Notes: 1 LEP03 is used to identify the state or province responsible for the hazardous waste number contained in LEP04.

2 LEP04 is the hazardous waste number.

Comments:

Data Element Summary

CP	Ref.	Data	Name	Attributes
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>		
O	LEP01	806	EPA Waste Stream Number Code Waste stream number applicable to the movement of hazardous waste as determined by government regulations If more than 3 waste stream codes, use LFH segment qualified with ADI. Waste Stream Number is to be enclosed in parenthesis.	O 1 ID 4/6
Not Used	LEP02	807	Waste Characteristics Code	O 1 ID 12/16
Not Used	LEP03	156	State or Province Code	X 1 ID 2/2
Not Used	LEP04	127	Reference Identification	X 1 AN 1/50



Segment: **LH4** Canadian Dangerous Requirements
 Position: 1480
 Loop: 0330 Optional
 Level: Detail
 Usage: Optional
 Max Use: 1
 Purpose: To specify additional Transport Canada requirements covering transportation of dangerous goods in Canada
 Syntax Notes: If either LH401 or LH402 is present, then the other is required.
 Semantic Notes: LH411 is an additional telephone number.
 Comments: LH402 is used for the emergency response plan telephone number.

Data Element Summary

CP	Ref.	Data	Attributes	
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
X	LH401	238	Emergency Response Plan Number The identity number of a specific hazardous emergency response plan that is assigned by the Director General of Canada	X 1 AN 1/12
X	LH402	364	Communication Number Complete communications number including country or area code when applicable	X 1 AN 1/256
Not Used	LH403	254	Packing Group Code	O 1 ID 1/3
Not Used	LH404	230	Subsidiary Classification	O 1 ID 1/3
Not Used	LH405	230	Subsidiary Classification	O 1 ID 1/3
Not Used	LH406	230	Subsidiary Classification	O 1 ID 1/3
Not Used	LH407	271	Subsidiary Risk Indicator Refer to 004040 Data Element Dictionary for acceptable code values.	O 1 ID 1/2
Not Used	LH408	267	Net Explosive Quantity	X 1 N0 1/10
Not Used	LH409	805	Canadian Hazardous Notation	O 1 AN 1/25
Not Used	LH410	986	Special Commodity Indicator Code Refer to 004040 Data Element Dictionary for acceptable code values.	O 1 ID 1/1
Not Used	LH411	364	Communication Number	O 1 AN 1/256
Not Used	LH412	355	Unit or Basis for Measurement Code Refer to 004040 Data Element Dictionary for acceptable code values.	X 1 ID 2/2



Segment: **OID** Order Information Detail
 Position: 1500
 Loop: 0350 Optional
 Level: Detail
 Usage: Optional
 Max Use: 1
 Purpose: To specify order information detail
 Syntax Notes:
 1 At least one of OID01 or OID02 is required.
 2 If OID03 is present, then OID02 is required.
 3 If either OID04 or OID05 is present, then the other is required.
 4 If either OID06 or OID07 is present, then the other is required.
 5 If either OID08 or OID09 is present, then the other is required.
 Semantic Notes:
 1 OID01 is the seller's order identification number.
 2 OID03 is the number assigned by the consignee to further define the purchase order number.
 3 OID11 specifies the sorting and/or segregating number for each receiving location (processing area).
 Comments:

Data Element Summary

CP	Ref.	Data			
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
X	OID01	127	Reference Identification		X 1 AN 1/50
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
			The value provided here will be transposed to L11 Shipper's Order Number reference.		
X	OID02	324	Purchase Order Number		X 1 AN 1/22
			Identifying number for Purchase Order assigned by the purchaser		
Not Used	OID03	127	Reference Identification		C 1 AN 1/50
Not Used	OID04	211	Packaging Form Code		X 1 ID 3/3
			Refer to 004040 Data Element Dictionary for acceptable code values.		
Not Used	OID05	380	Quantity		X 1 R 1/15
Not Used	OID06	188	Weight Unit Code		X 1 ID 1/1
			Refer to 004040 Data Element Dictionary for acceptable code values.		
Not Used	OID07	81	Weight		X 1 R 1/10
Not Used	OID08	184	Volume Unit Qualifier		X 1 ID 1/1
			Refer to 004040 Data Element Dictionary for acceptable code values.		
Not Used	OID09	183	Volume		X 1 R 1/8
Not Used	OID10	647	Application Error Condition Code		C 1 ID 1/3
			Refer to 004040 Data Element Dictionary for acceptable code values.		
Not Used	OID11	127	Reference Identification		C 1 AN 1/50



Segment: **L3** Total Weight and Charges
 Position: 0100
 Loop:
 Level: Summary
 Usage: Optional (Must Use)
 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 L312 is present, then L301 is required.
 Semantic Notes:
 Comments:

Data Element Summary

CP	Ref.	Data	Attributes			
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>	<u>Name</u>			
M	L301	81	Weight	X	1	R 1/10
			Numeric value of weight			
M	L302	187	Weight Qualifier	X	1	ID 1/2
			Code defining the type of weight			
			N Actual Net Weight			
Not Used	L303	60	Freight Rate	X	1	R 1/9
Not Used	L304	122	Rate/Value Qualifier	X	1	ID 2/2
			Refer to 004040 Data Element Dictionary for acceptable code values.			
Not Used	L305	58	Charge	O	1	N2 1/12
Not Used	L306	191	Advances	O	1	N2 1/9
Not Used	L307	117	Prepaid Amount	O	1	N2 1/9
Not Used	L308	150	Special Charge or Allowance Code	O	1	ID 3/3
			Refer to 004040 Data Element Dictionary for acceptable code values.			
Not Used	L309	183	Volume	X	1	R 1/8
Not Used	L310	184	Volume Unit Qualifier	X	1	ID 1/1
			Refer to 004040 Data Element Dictionary for acceptable code values.			
Rec	L311	80	Lading Quantity	O	1	N0 1/7
			Number of units (pieces) of the lading commodity			
Rec	L312	188	Weight Unit Code	O	1	ID 1/1
			Code specifying the weight unit			
			K Kilograms			
			L Pounds			
Not Used	L313	171	Tariff Number	O	1	AN 1/7
Not Used	L314	74	Declared Value	X	1	N2 2/12
Not Used	L315	122	Rate/Value Qualifier	X	1	ID 2/2
			Refer to 004040 Data Element Dictionary for acceptable code values.			



Segment: **SE** Transaction Set Trailer
 Position: 0200
 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: SE is the last segment of each transaction set.

Data Element Summary

<u>CP</u>	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Attributes</u>	<u>Des.</u>	<u>Element</u>		
M	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M 1 NO 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 1 AN 4/9



Sample EDI 204s:

Example 1- Load Tender Request for a Dry Container with Multi deliveries

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ISA*00*      *00*      *ZZ*SENDER      *ZZ*CPRST      *181122*1129*U*00401*000015000*0*P*>
GS*SM*SENDER*CPRST*20181122*1129*1500*X*004040
ST*204*0001
B2**CPRS**0001234567*L*PP*B*1*L
B2A*00*LT
L11*0001234567*BM
L11*0001234567*WH
G62*79*20181127*L*150000
MS3*CPRS*S**X
N1*BT*PARTY TO BE BILLED
N3*1234 STREET
N4*CITY NAME*ON*M1B2W3*CA
N7**1*****CN*CPRS***5300***DD***U288
S5*1*CL
L11*1*QN
L11*12345*PO**20181127
G62*37*20181127*L*1000
G62*38*20181127*L*1400
N1*SF*SHIP FROM LOCATION*ZZ*1400
N3*9876 STREET
N4*CITY NAME*ON*L5R 4J1*CA
G61*SH*CONTACT*TE*1-888-333-8111
L5*1*FREIGHT OF ALL KINDS*4611110*T
AT8*N*L*12927.065*657
OID*0087654321*12456
S5*2*PU
L11*2*QN
L11*44553322*PO**20181204
G62*68*20181204*L*0001
N1*ST*SHIP TO NAME*ZZ*0021004490
N3*5111 STREET
N4*CITY NAME*BC*V4W 3Z2*CA
G61*ST*CONTACT*TE*888-333-8111
L5*1*FREIGHT OF ALL KINDS*4611110*T
AT8*N*L*7175.474*432
OID*00815220011*455455*0000799322***L*7175.474*E*822.433
S5*3*CU
L11*3*QN
G62*68*20181204*L*0001
N1*ST*SHIP TO NAME*ZZ*0011007322
N3*7800 STREET
N4*CITY NAME*BC*V5J 5L3*CA
G61*ST*CONTACT*TE*888-333-8111
L5*1*FREIGHT OF ALL KINDS*4611110*T
AT8*N*L*5751.591*225
OID*0081520484*0202628501*0000801090***L*123.3*E*16.242
L3*12927.065*N*****657
SE*46*0001
GE*1*1500
IEA*1*000015000

```




Example 2- Bill of Lading for a Dry Container with Multi deliveries

ISA*00* *00* *ZZ*SENDER *ZZ*CPRST *181122*1129*U*00401*000015000*0*P*>
GS*SM*SENDER*CPRST*20181122*1129*1500*X*004040
ST*204*0001
B2**CPRS**0001234567*L*PP*B*1*L
B2A*00*BL
L11*0001234567*BM
L11*0001234567*WH
G62*79*20181127*L*150000
MS3*CPRS*S**X
N1*BT*PARTY TO BE BILLED
N3*1234 STREET
N4*CITY NAME*ON*M1B2W3*CA
N7*CPPU*111222*****CN*CPRS***5300****DD***U288
S5*1*CL
L11*1*QN
L11*12345*PO**20181127
G62*37*20181127*L*1000
G62*38*20181127*L*1400
N1*SF*SHIP FROM LOCATION*ZZ*1400
N3*9876 STREET
N4*CITY NAME*ON*L5R 4J1*CA
G61*SH*CONTACT*TE*1-888-333-8111
L5*1*FREIGHT OF ALL KINDS*4611110*T
AT8*N*L*12927.065*657
OID*0087654321*12456
S5*2*PU
L11*2*QN
L11*44553322*PO**20181204
G62*68*20181204*L*0001
N1*ST*SHIP TO NAME*ZZ*0021004490
N3*5111 STREET
N4*CITY NAME*BC*V4W 3Z2*CA
G61*ST*CONTACT*TE*888-333-8111
L5*1*FREIGHT OF ALL KINDS*4611110*T
AT8*N*L*7175.474*432
OID*00815220011*455455*0000799322***L*7175.474*E*822.433
S5*3*CU
L11*3*QN
G62*68*20181204*L*0001
N1*ST*SHIP TO NAME*ZZ*0011007322
N3*7800 STREET
N4*CITY NAME*BC*V5J 5L3*CA
G61*ST*CONTACT*TE*888-333-8111
L5*1*FREIGHT OF ALL KINDS*4611110*T
AT8*N*L*5751.591*225
OID*0081520484*0202628501*0000801090***L*123.3*E*16.242
L3*12927.065*N*****657
SE*46*0001
GE*1*1500
IEA*1*000015000



Example 3- Load Tender Request for a Heated Container

ISA*00* *00* *ZZ*SENDER *ZZ*CPRST *181123*1130*U*00401*000007500*0*P*>
GS*SM*SENDER*CPRST*20181123*1130*7500*X*004040
ST*204*7500001
B2**CPRS**0011223344*K*PP
B2A*00*LT
L11*0011223344*BM
L11*0011223344*WH
G62*64*20181121*1*125100*LT
MS3*CPRS*S**X
AT5**H1**FA*60
N1*BT*PARTY TO BE BILLED
N3*25 STREET
N4*CITY NAME*ON*M2N6S8*CA
N7**1*20621.3*N*****CZ*CPRS***5300**K**DD***PNR3
S5*1*SL
L11*0011223344*SI
G62*37*20181123*I*112152*LT
G62*38*20181123*K*152152*LT
N1*SF*SHIP FROM
N3*9050 STREET
N4*CITY NAME*ON*L6S 6G9*CA
G61*IC*SHIPPING*TE*888-333-8111
L5*1*FOOD PREPARED (HEATER)*2099991*T
AT8*N*K*20621.3*81829
S5*2*CU
L11*8212345678*SO
L11*1234567*PO**20181130
G62*53*20181130
G62*54*20181130
NTE*ADD*DEL 20181130
N1*ST*SHIP TO
N3*5800 STREET
N4*CITY*AB*T6E 3L4*CA
G61*IC*RECEIVING*TE*1-888-333-8111
L5*1*FOOD PREPARED (HEATER)*2099991*T
AT8*N*K*20621.3*81829
L3*20621.3*N*****81829
SE*36*7500001
GE*1*7500
IEA*1*000007500



Example 4- Bill of Lading for a Heated Container

ISA*00* *00* *ZZ*SENDER *ZZ*CPRST *181123*1130*U*00401*000007500*0*P*>
GS*SM*SENDER*CPRST*20181123*1130*7500*X*004040
ST*204*7500001
B2**CPRS**0011223344*K*PP
B2A*00*BL
L11*0011223344*BM
L11*0011223344*WH
G62*64*20181121*1*125100*LT
MS3*CPRS*S*X
AT5**H1**FA*60
N1*BT*PARTY TO BE BILLED
N3*25 STREET
N4*CITY NAME*ON*M2N6S8*CA
N7*CPPU*654321*20621.3*N*****CZ*CPRS**5300**K**DD**PNR3
S5*1*SL
L11*0011223344*SI
G62*37*20181123*I*112152*LT
G62*38*20181123*K*152152*LT
N1*SF*SHIP FROM
N3*9050 STREET
N4*CITY NAME*ON*L6S 6G9*CA
G61*IC*SHIPPING*TE*888-333-8111
L5*1*FOOD PREPARED (HEATER)*2099991*T
AT8*N*K*20621.3*81829
S5*2*CU
L11*8212345678*SO
L11*1234567*PO**20181130
G62*53*20181130
G62*54*20181130
NTE*ADD*DEL 20181130
N1*ST*SHIP TO
N3*5800 STREET
N4*CITY*AB*T6E 3L4*CA
G61*IC*RECEIVING*TE*1-888-333-8111
L5*1*FOOD PREPARED (HEATER)*2099991*T
AT8*N*K*20621.3*81829
L3*20621.3*N*****81829
SE*36*7500001
GE*1*7500
IEA*1*000007500