211 Motor Carrier Bill of Lading

Functional Group ID=BL

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Motor Carrier Bill of Lading Transaction Set (211) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to allow shippers or other parties, responsible for contracting with a motor carrier, to provide a legal bill of lading for a shipment. It is not to be used to provide a motor carrier with data relative to a load tender, pick-up manifest, or appointment scheduling.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	010	ST	Transaction Set Header	M	1		
M	020	BOL	Beginning Segment for the Motor Carrier Bill of Lading	M	1		
M	030	B2A	Set Purpose	M	1		
	040	MS3	Interline Information	O	12		
	050	MS2	Equipment or Container Owner and Type	O	1		n1
	060	L11	Business Instructions and Reference Number	O	100		
	070	G62	Date/Time	O	6		
	080	AT5	Bill of Lading Handling Requirements	O	50		
	090	K1	Remarks	O	10		
			LOOP ID - 0100			10	
	100	N1	Name	O	1		n2
	110	N2	Additional Name Information	O	1		
	120	N3	Address Information	O	2		
	130	N4	Geographic Location	O	1		
	140	G61	Contact	O	3		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - 0200			9999	
M	010	AT1	Bill of Lading Line Item Number	M	1		n3
	020	L11	Business Instructions and Reference Number	O	100		
	030	AT3	Bill of Lading Rates and Charges	O	1		n4
	040	AT4	Bill of Lading Description	O	99		n5
			LOOP ID - 0210			1	
	050	AT2	Bill of Lading Line Item Detail	O	1		n6
	060	MAN	Marks and Numbers	O	999999		n7
	070	SPO	Shipment Purchase Order Detail	O	999999		n8
			LOOP ID - 0220			999999	
	080	LX	Assigned Number	O	1		n9
	090	MAN	Marks and Numbers	O	999999		
	100	SPO	Shipment Purchase Order Detail	O	999999		
			LOOP ID - 0230			2	
	110	G61	Contact	O	1		n10

	120	L11	Business Instructions and Reference Number	O	5
	130	LH6	Hazardous Certification	O	6
			LOOP ID - 0231		25
M	140	LH1	Hazardous Identification Information	M	1
	150	LH2	Hazardous Classification Information	O	4
	160	LH3	Hazardous Material Shipping Name	O	10
	170	LFH	Freeform Hazardous Material Information	O	20
	180	LEP	EPA Required Data	O	3
	190	LH4	Canadian Dangerous Requirements	O	1
	200	LHT	Transborder Hazardous Requirements	O	3
	210	L11	Business Instructions and Reference Number	O	5
M	220	SE	Transaction Set Trailer	M	1

Transaction Set Notes

1. The MS2 segment is used to provide the carrier with the trailer number of the trailer that has the shipment on it.

2. Loop 0100 is used to specify the parties to the Bill of Lading, including but not limited to, the ship-from, ship-to, or bill-to parties.

3. The AT1 segment provides the line number for all of the related items included. It may include reference numbers, rates and charges, descriptions, and or line item details. Any data included within a single loop is related to the other data included in that loop. Any reference numbers included in a loop with line item details are related to that line item only. Any reference numbers included in its own line item are related to the entire shipment and can not be broken out by line item detail.

4. Care should be taken when using the AT3 segment to provide the carrier with a pre-rated Bill of Lading. Rates and charges included on the Bill of Lading are subject to audit. Accessorial charges usually can not be determined before the shipment has been delivered, therefore use of this segment may not negate the requirement for transaction set 210, Freight Invoice and Details.
The AT3 segment provides a means of transmitting freight charges and the basis for those charges. The amount of the charge appears in AT301. If the charge is based on a percent discount, the percent discount is transmitted in AT307 with the charge, after the discount has been applied, in AT301. If the charge is not based on a rating structure (per mile, per hundred weight, as weight etc.) the type of charge is identified in AT306. If the charge is based on a rate, the rate is transmitted in AT303 with the qualifier (per mile, per hundred weight) codified in AT302. If the quantity of the unit being rated is required AT305 is used in conjunction with AT304. For example, for a charge of $20.00 that is based on a rate of $1.00 per mile the segment would be as follows: AT3*2000*PM*1*MI*20 N/L.

5. Segment AT4 provides a means for the shipper to provide a text description of the line item. The National Motor Freight Classification and the freight class shall be included in the AT2 segment if applicable.

6. The AT2 segment is used to provide the carrier with the appropriate data to rate the shipment. It is included per line item when the line item includes an item of freight.

7. The MAN segment provides the marks and numbers associated with the line item identified in the AT2 segment.

8. The SPO segment provides the purchase order numbers and details associated with the line item details included in the AT2 segment.

9. Loop 0220 shall only be used when the marks and numbers or the purchase order detail can not be associated with the specific Bill of Lading line item details included in the AT2 segments transmitted with this Bill of Lading.

10. The G61 segment shall only be used to provide the name and phone number of the contact for any hazardous materials included on this Bill of Lading.

Segment:		**ST** Transaction Set Header		

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	ST01	143	**Transaction Set Identifier Code**	M	ID 3/3
			Code uniquely identifying a Transaction Set		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
M	ST02	329	**Transaction Set Control Number**	M	AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		

Segment:	**BOL** Beginning Segment for the Motor Carrier Bill of Lading			

Segment: **BOL** Beginning Segment for the Motor Carrier Bill of Lading
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To transmit identifying numbers, dates, and other basic data related to the transaction set
Syntax Notes:
Semantic Notes: 1 BOL01 is the Standard Carrier Alpha Code (SCAC) of the carrier that is to provide transportation services.
  2 BOL02 is the method of payment for the freight charges.
  3 BOL03 is the identification number assigned by the shipper, usually the Bill of Lading number.
  4 BOL04 is the date the carrier picked up the freight.
  5 BOL05 is the actual time the carrier picked up the freight.
  6 BOL06 is the number assigned by the carrier to the shipment, usually the PRO number.
  7 BOL10 is the method of payment for the COD fee.
  8 BOL11 is the currency that all monetary units are specified in for this transaction set.
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	BOL01	140	**Standard Carrier Alpha Code**	M	ID 2/4
			Standard Carrier Alpha Code		
M	BOL02	146	**Shipment Method of Payment**	M	ID 2/2
			Code identifying payment terms for transportation charges		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
M	BOL03	145	**Shipment Identification Number**	M	AN 1/30
			Identification number assigned to the shipment by the shipper that uniquely identifies the shipment from origin to ultimate destination and is not subject to modification; (Does not contain blanks or special characters)		
M	BOL04	373	**Date**	M	DT 8/8
			Date expressed as CCYYMMDD		
	BOL05	337	**Time**	O	TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
	BOL06	127	**Reference Identification**	O	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
	BOL07	160	**Status Report Request Code**	O	ID 1/1
			Code used by the shipper to specify that an automatic status report is requested when the shipment is delivered Refer to 004010 Data Element Dictionary for acceptable code values.		
	BOL08	226	**Section Seven Code**	O	ID 1/1
			Code indicating applicability of section seven option (if not transmitted assume not in effect) Refer to 004010 Data Element Dictionary for acceptable code values.		
	BOL09	501	**Customs Documentation Handling Code**	O	ID 2/2
			Code defining method of handling for documentation Refer to 004010 Data Element Dictionary for acceptable code values.		
	BOL10	146	**Shipment Method of Payment**	O	ID 2/2

Code identifying payment terms for transportation charges

Refer to 004010 Data Element Dictionary for acceptable code values.

BOL11   **100**   **Currency Code**   **O**   **ID 3/3**

Code (Standard ISO) for country in whose currency the charges are specified

Segment:	**B2A** Set Purpose			

Segment: **B2A** Set Purpose
Position: 030
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

Ref. Des.	Data Element	Name	Attributes	
M **B2A01**	**353**	**Transaction Set Purpose Code**	**M**	**ID 2/2**
		Code identifying purpose of transaction set		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
B2A02	**346**	**Application Type**	**O**	**ID 2/2**
		Code identifying an application		
		Refer to 004010 Data Element Dictionary for acceptable code values.		

	Segment:	**MS3** Interline Information
	Position:	040
	Loop:	
	Level:	Heading
	Usage:	Optional
	Max Use:	12
	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

	Ref. Des.	Data Element	Name	Attributes	
M	MS301	140	**Standard Carrier Alpha Code**	M	ID 2/4
			Standard Carrier Alpha Code		
M	MS302	133	**Routing Sequence Code**	M	ID 1/2
			Code describing the relationship of a carrier to a specific shipment movement		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	MS303	19	**City Name**	X	AN 2/30
			Free-form text for city name		
	MS304	91	**Transportation Method/Type Code**	O	ID 1/2
			Code specifying the method or type of transportation for the shipment		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	MS305	156	**State or Province Code**	O	ID 2/2
			Code (Standard State/Province) as defined by appropriate government agency		

Segment:		**MS2** Equipment or Container Owner and Type		
Position:		050		
Loop:				
Level:		Heading		
Usage:		Optional		
Max Use:		1		
Purpose:		To specify the owner, the identification number assigned by that owner, and the type of equipment		
Syntax Notes:		1	If either MS201 or MS202 is present, then the other is required.	
		2	If MS204 is present, then MS202 is required.	
Semantic Notes:				
Comments:		1	MS203 identifies the type for the equipment specified in MS202.	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
MS201	140	**Standard Carrier Alpha Code**	X	ID 2/4
		Standard Carrier Alpha Code		
MS202	207	**Equipment Number**	X	AN 1/10
		Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)		
MS203	40	**Equipment Description Code**	O	ID 2/2
		Code identifying type of equipment used for shipment		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
MS204	761	**Equipment Number Check Digit**	O	N0 1/1
		Number which designates the check digit applied to a piece of equipment		

Segment: # L11 Business Instructions and Reference Number
Position: 060
Loop:
Level: Heading
Usage: Optional
Max Use: 100
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:
Comments:

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
L1101	**127**	**Reference Identification**	**X**	**AN 1/30**
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
L1102	**128**	**Reference Identification Qualifier**	**X**	**ID 2/3**
		Code qualifying the Reference Identification		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
L1103	**352**	**Description**	**X**	**AN 1/80**
		A free-form description to clarify the related data elements and their content		

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

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
G6201	432	**Date Qualifier**	**X ID 2/2**
		Code specifying type of date	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
G6202	373	**Date**	**X DT 8/8**
		Date expressed as CCYYMMDD	
G6203	176	**Time Qualifier**	**X ID 1/2**
		Code specifying the reported time	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
G6204	337	**Time**	**X TM 4/8**
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
G6205	623	**Time Code**	**O ID 2/2**
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow Refer to 004010 Data Element Dictionary for acceptable code values.	

Segment:	**AT5** Bill of Lading Handling Requirements
Position:	080
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	50
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.
Semantic Notes:	
Comments:	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
AT501	152	**Special Handling Code**	X ID 2/3
		Code specifying special transportation handling instructions	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
AT502	560	**Special Services Code**	X ID 2/10
		Code identifying the special service	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
AT503	153	**Special Handling Description**	X AN 2/30
		Free-form additional description of special handling instructions to appear on printed bill if special handling code is not adequate	

Segment: # K1 Remarks
Position: 090
Loop:
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To transmit information in a free-form format for comment or special instruction
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

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

Segment:	**N1** Name
Position:	100
Loop:	0100 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2 N105 and N106 further define the type of entity in N101.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**N101**	**98**	**Entity Identifier Code**	**M**	**ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	N102	**93**	**Name**	**X**	**AN 1/60**
			Free-form name		
	N103	**66**	**Identification Code Qualifier**	**X**	**ID 1/2**
			Code designating the system/method of code structure used for Identification Code (67)		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	N104	**67**	**Identification Code**	**X**	**AN 2/80**
			Code identifying a party or other code		
	N105	**706**	**Entity Relationship Code**	**O**	**ID 2/2**
			Code describing entity relationship		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	N106	**98**	**Entity Identifier Code**	**O**	**ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual		
			Refer to 004010 Data Element Dictionary for acceptable code values.		

Segment: # N2 Additional Name Information
Position: 110
Loop: 0100   Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	N201	93	**Name**	M	AN 1/60
			Free-form name		
	N202	93	**Name**	O	AN 1/60
			Free-form name		

Segment: **N3** **Address Information**
Position: 120
Loop: 0100 Optional
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

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

Segment:	**N4** Geographic Location
Position:	130
Loop:	0100 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	1 If N406 is present, then N405 is required.
Semantic Notes:	
Comments:	1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
	2 N402 is required only if city name (N401) is in the U.S. or Canada.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
N401	19	**City Name**	O	AN 2/30
		Free-form text for city name		
N402	156	**State or Province Code**	O	ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency		
N403	116	**Postal Code**	O	ID 3/15
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
N404	26	**Country Code**	O	ID 2/3
		Code identifying the country		
N405	309	**Location Qualifier**	X	ID 1/2
		Code identifying type of location		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
N406	310	**Location Identifier**	O	AN 1/30
		Code which identifies a specific location		

Segment: # G61 Contact

Position: 140
Loop: 0100   Optional
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

	Ref. Des.	Data Element	Name		Attributes
M	G6101	366	**Contact Function Code**	M	ID 2/2
			Code identifying the major duty or responsibility of the person or group named		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
M	G6102	93	**Name**	M	AN 1/60
			Free-form name		
	G6103	365	**Communication Number Qualifier**	X	ID 2/2
			Code identifying the type of communication number		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	G6104	364	**Communication Number**	X	AN 1/80
			Complete communications number including country or area code when applicable		
	G6105	443	**Contact Inquiry Reference**	O	AN 1/20
			Additional reference number or description to clarify a contact number		

Segment:	**AT1** Bill of Lading Line Item Number
Position:	010
Loop:	0200 Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To reference a Bill of Lading line number
Syntax Notes:	
Semantic Notes:	
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	AT101	213	**Lading Line Item Number**	M N0 1/3
			Sequential line number for a lading item	

Segment:	**L11** Business Instructions and Reference Number
Position:	020
Loop:	0200 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	100
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:	
Comments:	

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
L1101	**127**	**Reference Identification**	X	**AN 1/30**
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
L1102	**128**	**Reference Identification Qualifier**	X	**ID 2/3**
		Code qualifying the Reference Identification		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
L1103	**352**	**Description**	X	**AN 1/80**
		A free-form description to clarify the related data elements and their content		

	Segment:	**AT3** Bill of Lading Rates and Charges
	Position:	030
	Loop:	0200 Mandatory
	Level:	Detail
	Usage:	Optional
	Max Use:	1
	Purpose:	To specify Bill of Lading rates and charges

Syntax Notes:
1. If either AT302 or AT303 is present, then the other is required.
2. Only one of AT302 AT306 or AT307 may be present.
3. At least one of AT302 AT306 or AT307 is required.
4. If either AT304 or AT305 is present, then the other is required.
5. If AT304 is present, then AT302 is required.

Semantic Notes:
1. AT301 is the charge per Bill of Lading line item.
2. AT307 is the percent discount that was used to determine the charge in AT301.

Comments:
1. AT305 is the quantity of units (miles, gallons, deficit weight, etc.) as defined by the qualifier in AT304.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	AT301	58	**Charge**	M	N2 1/12
			For a line item: freight or special charge; for the total invoice: the total charges -- expressed in the standard monetary denomination for the currency specified		
	AT302	1600	**Freight Rate Qualifier**	X	ID 2/2
			Code qualifying the Bill of Lading freight rate		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	AT303	60	**Freight Rate**	X	R 1/9
			Rate that applies to the specific commodity		
	AT304	1601	**Rated-as Qualifier**	X	ID 2/2
			Code identifying the type of quantity on which the rate is based		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	AT305	380	**Quantity**	X	R 1/15
			Numeric value of quantity		
	AT306	1602	**Bill of Lading Charge Code**	X	ID 3/3
			Code identifying the type of Bill of Lading charge		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	AT307	954	**Percent**	X	R 1/10
			Percentage expressed as a decimal		

			Segment:	**AT4** **Bill of Lading Description**

Segment: **AT4** **Bill of Lading Description**
Position: 040
Loop: 0200   Mandatory
Level: Detail
Usage: Optional
Max Use: 99
Purpose: To specify the lading description
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	AT401	79	**Lading Description**	M AN 1/50
			Description of an item as required for rating and billing purposes	

Segment:	**AT2** Bill of Lading Line Item Detail				

Segment: **AT2** Bill of Lading Line Item Detail
Position: 050
Loop: 0210   Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify Bill of Lading quantity, weight, and commodity classification
Syntax Notes: **1**   If either AT206 or AT207 is present, then the other is required.
Semantic Notes: **1**   AT201 is the number of carrier handling units for the line item.
     2   AT202 is the packaging form of the lading quantity in AT201.
     3   AT203 and AT204 qualify AT205.
     4   AT205 is the weight of the lading quantity identified in AT201.
     5   AT206 is used only if AT202 contains the codes PLT, SKD, or SLP.
        AT206 is the total number of pieces contained on the pallets, skids or slip sheets identified in AT201.
     6   AT207 is the packaging form of the units on the pallet, skid, or slip sheet identified in AT202.
     7   AT208 indicates if the carrier is required to verify the number of cartons on the pallet, slip sheet, or skid. A "Y" indicates that the carrier is required to verify the number of cartons. An "N" indicates that the carrier is not required to verify the number of cartons. If AT208 is not present in the segment a code of "N" is assumed.
     8   AT209 is the National Motor Freight Classification Number.
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	AT201	80	**Lading Quantity**	M	N0 1/7
			Number of units (pieces) of the lading commodity		
M	AT202	211	**Packaging Form Code**	M	ID 3/3
			Code for packaging form of the lading quantity		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
M	AT203	187	**Weight Qualifier**	M	ID 1/2
			Code defining the type of weight		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
M	AT204	188	**Weight Unit Code**	M	ID 1/1
			Code specifying the weight unit		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
M	AT205	81	**Weight**	M	R 1/10
			Numeric value of weight		
	AT206	80	**Lading Quantity**	X	N0 1/7
			Number of units (pieces) of the lading commodity		
	AT207	211	**Packaging Form Code**	X	ID 3/3
			Code for packaging form of the lading quantity		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	AT208	1073	**Yes/No Condition or Response Code**	O	ID 1/1
			Code indicating a Yes or No condition or response		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	AT209	22	**Commodity Code**	O	AN 1/30
			Code describing a commodity or group of commodities		
	AT210	59	**Freight Class Code**	O	AN 2/5
			Code indicating generalized classification that applies to one or more items in the shipment, i.e., class 70, 77.5, etc.		

	Segment:	**MAN** Marks and Numbers		

Segment: MAN Marks and Numbers

Position: 060
Loop: 0210   Optional
Level: Detail
Usage: Optional
Max Use: 999999
Purpose: To indicate identifying marks and numbers for shipping containers
Syntax Notes:
    1   If either MAN04 or MAN05 is present, then the other is required.
    2   If MAN06 is present, then MAN05 is required.
Semantic Notes:
    1   MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container.
    2   When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range.
    3   When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range.
Comments:
    1   When MAN01 contains code "UC" (U.P.C. Shipping Container Code) and MAN05/MAN06 contain a range of ID numbers, MAN03 is not used. The reason for this is that the U.P.C. Shipping Container code is the same on every carton that is represented in the range in MAN05/MAN06.
    2   MAN03 and/or MAN06 are only used when sending a range(s) of ID numbers. When both MAN02/MAN03 and MAN05/MAN06 are used to send ranges of ID numbers, the integrity of the two ID numbers must be maintained.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	MAN01	88	**Marks and Numbers Qualifier**	M	ID 1/2
			Code specifying the application or source of Marks and Numbers (87)		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
M	MAN02	87	**Marks and Numbers**	M	AN 1/48
			Marks and numbers used to identify a shipment or parts of a shipment		
	MAN03	87	**Marks and Numbers**	O	AN 1/48
			Marks and numbers used to identify a shipment or parts of a shipment		
	MAN04	88	**Marks and Numbers Qualifier**	X	ID 1/2
			Code specifying the application or source of Marks and Numbers (87)		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	MAN05	87	**Marks and Numbers**	X	AN 1/48
			Marks and numbers used to identify a shipment or parts of a shipment		
	MAN06	87	**Marks and Numbers**	O	AN 1/48
			Marks and numbers used to identify a shipment or parts of a shipment		

	Segment:	**SPO** Shipment Purchase Order Detail
	Position:	070
	Loop:	0210 Optional
	Level:	Detail
	Usage:	Optional
	Max Use:	999999
	Purpose:	To specify the purchase order details for a shipment

Syntax Notes:	1	If either SPO03 or SPO04 is present, then the other is required.
	2	If either SPO05 or SPO06 is present, then the other is required.
Semantic Notes:	1	SPO02 is the department number.
	2	SPO04 is the total quantity for the purchase order.
	3	SPO06 is the total weight for the purchase order.
	4	SPO07 indicates the data error condition relative to the shipment management information.
	5	SPO08 is used to specify sorting and/or segregating reference numbers for each receiving location (processing area).
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	SPO01	324	**Purchase Order Number**	M	**AN 1/22**
			Identifying number for Purchase Order assigned by the orderer/purchaser		
	SPO02	127	**Reference Identification**	O	**AN 1/30**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
	SPO03	355	**Unit or Basis for Measurement Code**	X	**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 004010 Data Element Dictionary for acceptable code values.		
	SPO04	380	**Quantity**	X	**R 1/15**
			Numeric value of quantity		
	SPO05	188	**Weight Unit Code**	X	**ID 1/1**
			Code specifying the weight unit		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	SPO06	81	**Weight**	X	**R 1/10**
			Numeric value of weight		
	SPO07	647	**Application Error Condition Code**	O	**ID 1/3**
			Code indicating application error condition		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	SPO08	127	**Reference Identification**	O	**AN 1/30**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		

	Segment:	**LX** Assigned Number
	Position:	080
	Loop:	0220 Optional
	Level:	Detail
	Usage:	Optional
	Max Use:	1
	Purpose:	To reference a line number in a transaction set
	Syntax Notes:	
	Semantic Notes:	
	Comments:	

Data Element Summary

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

Segment:	**MAN** **Marks and Numbers**			
Position:	090			
Loop:	0220	Optional		
Level:	Detail			
Usage:	Optional			
Max Use:	999999			
Purpose:	To indicate identifying marks and numbers for shipping containers			
Syntax Notes:	1	If either MAN04 or MAN05 is present, then the other is required.		
	2	If MAN06 is present, then MAN05 is required.		
Semantic Notes:	1	MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container.		
	2	When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range.		
	3	When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range.		
Comments:	1	When MAN01 contains code "UC" (U.P.C. Shipping Container Code) and MAN05/MAN06 contain a range of ID numbers, MAN03 is not used. The reason for this is that the U.P.C. Shipping Container code is the same on every carton that is represented in the range in MAN05/MAN06.		
	2	MAN03 and/or MAN06 are only used when sending a range(s) of ID numbers. When both MAN02/MAN03 and MAN05/MAN06 are used to send ranges of ID numbers, the integrity of the two ID numbers must be maintained.		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	MAN01	88	**Marks and Numbers Qualifier**	M	ID 1/2
			Code specifying the application or source of Marks and Numbers (87)		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
M	MAN02	87	**Marks and Numbers**	M	AN 1/48
			Marks and numbers used to identify a shipment or parts of a shipment		
	MAN03	87	**Marks and Numbers**	O	AN 1/48
			Marks and numbers used to identify a shipment or parts of a shipment		
	MAN04	88	**Marks and Numbers Qualifier**	X	ID 1/2
			Code specifying the application or source of Marks and Numbers (87)		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	MAN05	87	**Marks and Numbers**	X	AN 1/48
			Marks and numbers used to identify a shipment or parts of a shipment		
	MAN06	87	**Marks and Numbers**	O	AN 1/48
			Marks and numbers used to identify a shipment or parts of a shipment		

	Segment:	**SPO** Shipment Purchase Order Detail		
	Position:	100		
	Loop:	0220	Optional	
	Level:	Detail		
	Usage:	Optional		
	Max Use:	999999		
	Purpose:	To specify the purchase order details for a shipment		
	Syntax Notes:	1	If either SPO03 or SPO04 is present, then the other is required.	
		2	If either SPO05 or SPO06 is present, then the other is required.	
	Semantic Notes:	1	SPO02 is the department number.	
		2	SPO04 is the total quantity for the purchase order.	
		3	SPO06 is the total weight for the purchase order.	
		4	SPO07 indicates the data error condition relative to the shipment management information.	
		5	SPO08 is used to specify sorting and/or segregating reference numbers for each receiving location (processing area).	
	Comments:			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	SPO01	324	**Purchase Order Number**	**M**	**AN 1/22**
			Identifying number for Purchase Order assigned by the orderer/purchaser		
	SPO02	127	**Reference Identification**	O	**AN 1/30**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
	SPO03	355	**Unit or Basis for Measurement Code**	X	**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 004010 Data Element Dictionary for acceptable code values.		
	SPO04	380	**Quantity**	X	**R 1/15**
			Numeric value of quantity		
	SPO05	188	**Weight Unit Code**	X	**ID 1/1**
			Code specifying the weight unit		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	SPO06	81	**Weight**	X	**R 1/10**
			Numeric value of weight		
	SPO07	647	**Application Error Condition Code**	O	**ID 1/3**
			Code indicating application error condition		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	SPO08	127	**Reference Identification**	O	**AN 1/30**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		

Segment: # G61 Contact

Position: 110
Loop: 0230   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.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	G6101	366	**Contact Function Code**	M	ID 2/2
			Code identifying the major duty or responsibility of the person or group named		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
M	G6102	93	**Name**	M	AN 1/60
			Free-form name		
	G6103	365	**Communication Number Qualifier**	X	ID 2/2
			Code identifying the type of communication number		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	G6104	364	**Communication Number**	X	AN 1/80
			Complete communications number including country or area code when applicable		
	G6105	443	**Contact Inquiry Reference**	O	AN 1/20
			Additional reference number or description to clarify a contact number		

Segment:	**L11** Business Instructions and Reference Number
Position:	120
Loop:	0230 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:	
Comments:	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
L1101	**127**	**Reference Identification**	**X**	**AN 1/30**
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
L1102	**128**	**Reference Identification Qualifier**	**X**	**ID 2/3**
		Code qualifying the Reference Identification		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
L1103	**352**	**Description**	**X**	**AN 1/80**
		A free-form description to clarify the related data elements and their content		

Segment:	**LH6** Hazardous Certification
Position:	130
Loop:	0230 Optional
Level:	Detail
Usage:	Optional
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:	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
LH601	**93**	**Name**	**O**	**AN 1/60**
		Free-form name		
LH602	**272**	**Hazardous Certification Code**	**X**	**ID 1/1**
		Code indicating the form of the hazardous certification		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
LH603	**273**	**Hazardous Certification Declaration**	**X**	**AN 1/25**
		Hazardous material certification verbiage as required by Title 49 of Code of Federal Regulations		
LH604	**273**	**Hazardous Certification Declaration**	**O**	**AN 1/25**
		Hazardous material certification verbiage as required by Title 49 of Code of Federal Regulations		

	Segment:	**LH1** Hazardous Identification Information
	Position:	140
	Loop:	0231 Mandatory
	Level:	Detail
	Usage:	Mandatory
	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 nonbulk movements.

Comments:

1 LH101 and LH102 are used to convey the number and type of packages for bulk and nonbulk movements.

2 LH106 and LH107 are used to convey the quantity or volume and unit of measure for nonbulk 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

	Ref. Des.	Data Element	Name	Attributes	
M	LH101	355	Unit or Basis for Measurement Code	M	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 004010 Data Element Dictionary for acceptable code values.

M	LH102	80	Lading Quantity	M	N0 1/7

Number of units (pieces) of the lading commodity

	LH103	277	UN/NA Identification Code	O	ID 6/6

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

	LH104	200	Hazardous Materials Page	O	AN 1/6

The United Nations page number as required for the international transport of hazardous materials

	LH105	22	Commodity Code	O	AN 1/30

Code describing a commodity or group of commodities

	LH106	355	Unit or Basis for Measurement Code	O	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 004010 Data Element Dictionary for acceptable code values.

	LH107	380	Quantity	O	R 1/15

Numeric value of quantity

	LH108	595	Compartment ID Code	O	ID 1/1

Code identifying the compartment in a compartmentalized tank car
Refer to 004010 Data Element Dictionary for acceptable code values.

	LH109	665	Residue Indicator Code	O	ID 1/1

Code indicating that the material being described is that which remains in a packaging (including a tank car) after it has been unloaded
Refer to 004010 Data Element Dictionary for acceptable code values.

	LH110	254	Packing Group Code	O	ID 1/3

Code indicating degree of danger in terms of Roman number I, II or III

	LH111	1375	Interim Hazardous Material Regulatory Number	O	AN 1/5

Identifies the current regulatory version number used for hazardous materials shipments

Segment:	**LH2** Hazardous Classification Information
Position:	150
Loop:	0231 Mandatory
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.
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.
Comments:	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
LH201	215	**Hazardous Classification**	O	ID 1/30
		The hazardous classification corresponding to the shipping name of the hazardous commodity		
LH202	983	**Hazardous Class Qualifier**	O	ID 1/1
		Code qualifying hazardous class		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
LH203	218	**Hazardous Placard Notation**	O	ID 14/40
		The placard notation corresponding to the hazard class of the hazardous commodity		
LH204	222	**Hazardous Endorsement**	O	ID 4/25
		The placard endorsement that is to be shown on the shipping papers for the hazardous commodity		
LH205	759	**Reportable Quantity Code**	O	ID 2/2
		Code to identify presence of hazardous substance		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
LH206	355	**Unit or Basis for Measurement Code**	X	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 004010 Data Element Dictionary for acceptable code values.		
LH207	408	**Temperature**	X	R 1/4
		Temperature		
LH208	355	**Unit or Basis for Measurement Code**	X	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 004010 Data Element Dictionary for acceptable code values.		
LH209	408	**Temperature**	X	R 1/4
		Temperature		
LH210	355	**Unit or Basis for Measurement Code**	X	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 004010 Data Element Dictionary for acceptable code values.		
LH211	408	**Temperature**	X	R 1/4
		Temperature		

Segment:	**LH3** Hazardous Material Shipping Name
Position:	160
Loop:	0231 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	10
Purpose:	To specify the hazardous material shipping name and additional descriptive requirements
Syntax Notes:	1 If either LH301 or LH302 is present, then the other is required.
Semantic Notes:	1 If LH304 is "Y", then this is an Association of American Railroads Operations and Transportation Bulletin 55 commodity. If "N", it is not an Association of American Railroads Operations and Transportation Bulletin 55 commodity.
Comments:	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
LH301	**224**	**Hazardous Material Shipping Name**	**X** **AN 1/25**
		The proper shipping name of the hazardous commodity as specified by the Code of Federal Regulations, Title 49	
LH302	**984**	**Hazardous Material Shipping Name Qualifier**	**X** **ID 1/1**
		Qualifier indicating the source (regulatory) of the proper shipping name	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
LH303	**985**	**N.O.S. Indicator Code**	**O** **ID 3/3**
		Code indicating the type of regulatory requirements that apply to a description; N.O.S. stands for Not Otherwise Specified	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
LH304	**1073**	**Yes/No Condition or Response Code**	**O** **ID 1/1**
		Code indicating a Yes or No condition or response	
		Refer to 004010 Data Element Dictionary for acceptable code values.	

Segment:	**LFH** Freeform Hazardous Material Information				
Position:	170				
Loop:	0231	Mandatory			
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

	Ref. Des.	Data Element	Name	Attributes	
M	LFH01	808	**Hazardous Material Shipment Information Qualifier**	M	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 Refer to 004010 Data Element Dictionary for acceptable code values.		
M	LFH02	809	**Hazardous Material Shipment Information**	M	AN 1/25
			Specific information required by law for hazardous material shipments		
	LFH03	809	**Hazardous Material Shipment Information**	O	AN 1/25
			Specific information required by law for hazardous material shipments		
	LFH04	1023	**Hazard Zone Code**	O	ID 1/1
			Code specifying the Department of Transportation assigned zone designating the Inhalation Toxicity Hazard Zone Refer to 004010 Data Element Dictionary for acceptable code values.		
	LFH05	355	**Unit or Basis for Measurement Code**	X	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 004010 Data Element Dictionary for acceptable code values.		
	LFH06	380	**Quantity**	X	R 1/15
			Numeric value of quantity		
	LFH07	380	**Quantity**	O	R 1/15
			Numeric value of quantity		

Segment:	**LEP** EPA Required Data
Position:	180
Loop:	0231 Mandatory
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

Ref. Des.	Data Element	Name	Attributes	
LEP01	**806**	**EPA Waste Stream Number Code**	O	ID 4/6
		Waste stream number applicable to the movement of hazardous waste as determined by government regulations		
LEP02	**807**	**Waste Characteristics Code**	O	ID 12/16
		Waste characteristics as defined by regulatory requirements		
LEP03	**156**	**State or Province Code**	X	ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency		
LEP04	**127**	**Reference Identification**	X	AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		

Segment:	**LH4** Canadian Dangerous Requirements
Position:	190
Loop:	0231 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify additional Transport Canada requirements covering transportation of dangerous goods in Canada
Syntax Notes:	1 If either LH408 or LH412 is present, then the other is required.
Semantic Notes:	1 LH411 is an additional telephone number.
Comments:	1 LH402 is used for the emergency response plan telephone number.
	2 LH404 is for the first subsidiary classification.
	3 LH405 is for the second subsidiary classification.
	4 LH406 is for the third subsidiary classification.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
LH401	238	**Emergency Response Plan Number**	O	AN 1/12
		The identity number of a specific hazardous emergency response plan that is assigned by the Director General of Canada		
LH402	364	**Communication Number**	O	AN 1/80
		Complete communications number including country or area code when applicable		
LH403	254	**Packing Group Code**	O	ID 1/3
		Code indicating degree of danger in terms of Roman number I, II or III		
LH404	230	**Subsidiary Classification**	O	ID 1/3
		Code indicating the classification of dangerous goods, other than the primary classification, that is associated with a number or a set of numbers		
LH405	230	**Subsidiary Classification**	O	ID 1/3
		Code indicating the classification of dangerous goods, other than the primary classification, that is associated with a number or a set of numbers		
LH406	230	**Subsidiary Classification**	O	ID 1/3
		Code indicating the classification of dangerous goods, other than the primary classification, that is associated with a number or a set of numbers		
LH407	271	**Subsidiary Risk Indicator**	O	ID 1/2
		Code identifying the type of subsidiary risk		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
LH408	267	**Net Explosive Quantity**	X	N0 1/6
		Net weight of the explosive quantity of the hazardous commodity		
LH409	805	**Canadian Hazardous Notation**	O	AN 1/25
		Notation required by Canadian regulatory agencies		
LH410	986	**Special Commodity Indicator Code**	O	ID 1/1
		Code indicating 'Special Commodity' notation on operational waybill as identified by the Transportation of Dangerous Goods Act and Regulation (TDG)		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
LH411	364	**Communication Number**	O	AN 1/80
		Complete communications number including country or area code when applicable		
LH412	355	**Unit or Basis for Measurement Code**	X	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 004010 Data Element Dictionary for acceptable code values.		

Segment:	**LHT** Transborder Hazardous Requirements	
Position:	200	
Loop:	0231	Mandatory
Level:	Detail	
Usage:	Optional	
Max Use:	3	
Purpose:	To specify the placard information required by the second government agency when shipment is to cross into another country	
Syntax Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
LHT01	215	**Hazardous Classification**	O	**ID 1/30**
		The hazardous classification corresponding to the shipping name of the hazardous commodity		
LHT02	218	**Hazardous Placard Notation**	O	**ID 14/40**
		The placard notation corresponding to the hazard class of the hazardous commodity		
LHT03	222	**Hazardous Endorsement**	O	**ID 4/25**
		The placard endorsement that is to be shown on the shipping papers for the hazardous commodity		

		Segment:	**L11** Business Instructions and Reference Number

Segment: **L11** Business Instructions and Reference Number
Position: 210
Loop: 0231 Mandatory
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:
Comments:

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
L1101	**127**	**Reference Identification**	**X**	**AN 1/30**
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
L1102	**128**	**Reference Identification Qualifier**	**X**	**ID 2/3**
		Code qualifying the Reference Identification		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
L1103	**352**	**Description**	**X**	**AN 1/80**
		A free-form description to clarify the related data elements and their content		

Segment:	**SE** Transaction Set Trailer				
Position:	220				
Loop:					
Level:	Detail				
Usage:	Mandatory				
Max Use:	1				
Purpose:	To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)				
Syntax Notes:					
Semantic Notes:					
Comments:	1 SE is the last segment of each transaction set.				

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	SE01	96	**Number of Included Segments**	M	N0 1/10
			Total number of segments included in a transaction set including ST and SE segments		
M	SE02	329	**Transaction Set Control Number**	M	AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		