

# PEG 204 to XM204

## (204 In)

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>
	005	ISA	Interchange Control Header	O		1
	008	GS	Functional Group Header	O	1	
M	010	ST	Transaction Set Header	M	1	
M	020	B2	Beginning Segment for Shipment Information Transaction	M	1	
M	030	B2A	Set Purpose	M	1	
	080	L11	Business Instructions and Reference Number	O	50	
	090	G62	Date/Time	O	1	
	110	AT5	Bill of Lading Handling Requirements	O	6	
LOOP ID - 0100						5
	140	N1	Name	O	1	
	160	N3	Address Information	O	2	
	170	N4	Geographic Location	O	1	
	190	G61	Contact	O	3	
LOOP ID - 0200						10
	200	N7	Equipment Details	M	1	
	210	M7	Seal Numbers	O	2	

### Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>
LOOP ID - 0300						999
M	010	S5	Stop-off Details	M	1	
	020	L11	Business Instructions and Reference Number	O	50	
	030	G62	Date/Time	O	2	
	040	AT8	Shipment Weight, Packaging and Quantity Data	O	1	
	060	AT5	Bill of Lading Handling Requirements	O	6	
	065	NTE	Note/Special Instruction	O	20	
LOOP ID - 0310						1
	070	N1	Name	O	1	
	090	N3	Address Information	O	2	
	100	N4	Geographic Location	O	1	
	120	G61	Contact	O	3	
LOOP ID - 0320						99
	130	L5	Description, Marks and Numbers	O	1	
LOOP ID - 0325						99
	140	G61	Contact	O	1	
	141	L11	Business Instructions and Reference Number	O	5	
	142	LH6	Hazardous Certification	O	6	
LOOP ID - 0330						25
	143	LH1	Hazardous Identification Information	O	1	
	144	LH2	Hazardous Classification Information	O	4	
	145	LH3	Hazardous Material Shipping Name	O	10	

### Summary:

<u>Pos.</u>	<u>Seg.</u>	<u>Req.</u>	<u>Loop</u>
PEG204IN (004010)		1	November 14, 2007

	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Max.Use</u>	<u>Repeat</u>
	010	L3	Total Weight and Charges	O	1	
M	020	SE	Transaction Set Trailer	M	1	
	030	GE	Functional Group Trailer	O	1	
	040	IEA	Interchange Control Trailer	O	1	

**Segment:** **ISA** Interchange Control Header  
**Position:** 005  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Syntax Notes:**  
**Semantic Notes:**

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	ISA01	I01	Authorization Information Qualifier	M ID 2/2
M	ISA02	I02	Authorization Information	M AN 10/10
M	ISA03	I03	Security Information Qualifier	M ID 2/2
M	ISA04	I04	Security Information	M AN 10/10
M	ISA05	I05	Interchange ID Qualifier	M ID 2/2
M	ISA06	I06	Interchange Sender ID	M AN 15/15
M	ISA07	I05	Interchange ID Qualifier	M ID 2/2
M	ISA08	I07	Interchange Receiver ID	M AN 15/15
M	ISA09	I08	Interchange Date	M DT 6/6
M	ISA10	I09	Interchange Time	M TM 4/4
M	ISA11	I10	Interchange Control Standards Identifier	M ID 1/1
M	ISA12	I11	Interchange Control Version Number	M ID 5/5
M	ISA13	I12	Interchange Control Number	M N0 9/9
M	ISA14	I13	Acknowledgment Requested	M ID 1/1
M	ISA15	I14	Usage Indicator	M ID 1/1
M	ISA16	I15	Component Element Separator	M AN 1/1

**Segment:** **GS** Functional Group Header  
**Position:** 008  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Syntax Notes:**  
**Semantic Notes:**

- 1 GS04 is the group date.
- 2 GS05 is the group time.
- 3 The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	GS01	479	Functional Identifier Code	M ID 2/2
M	GS02	142	Application Sender's Code	M AN 2/15
M	GS03	124	Application Receiver's Code	M AN 2/15
M	GS04	373	Date	M DT 8/8
M	GS05	337	Time	M TM 4/8
M	GS06	28	Group Control Number	M N0 1/9
M	GS07	455	Responsible Agency Code	M ID 1/2
M	GS08	480	Version / Release / Industry Identifier Code	M AN 1/12

**Segment:** **ST** Transaction Set Header  
**Position:** 010  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**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).

**Data Element Summary**

	<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
	<b><u>Des.</u></b>	<b><u>Element</u></b>	<b><u>Name</u></b>	<b><u>Attributes</u></b>
M	ST01	143	Transaction Set Identifier Code	M ID 3/3
M	ST02	329	Transaction Set Control Number	M AN 4/9

**Segment:** **B2** Beginning Segment for Shipment Information Transaction  
**Position:** 020  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Syntax Notes:**  
**Semantic Notes:**

- 1 B202 contains the Standard Carrier Alpha Code (SCAC) of the carrier that will receive the bill of lading.
- 2 If B211 is used, B206 will indicate the party or parties responsible for payment of the transportation terms identified in B211.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
	B204	145	Shipment Identification Number	O AN 1/30
M	B206	146	Shipment Method of Payment	M ID 2/2

**Segment:** **B2A** Set Purpose  
**Position:** 030  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Syntax Notes:**  
**Semantic Notes:**

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	B2A01	353	Transaction Set Purpose Code	M ID 2/2
			00	Original
			01	Cancellation
			04	Change

**Segment:** **L11** Business Instructions and Reference Number  
**Position:** 080  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 50  
**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:**

**Data Element Summary**

<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
<b>Des.</b>	<b>Element</b>		
L1101	127	Reference Identification	X AN 1/30
L1102	128	Reference Identification Qualifier	X ID 2/3
		BM Bill of Lading Number	
		CT Contract Number (Quote-ID)	
		LO Load Planning Number	
		PO Purchase Order Number	

**Segment:** **G62** Date/Time  
**Position:** 090  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**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:**

<b>Data Element Summary</b>				
<b>Ref.</b>	<b>Data</b>	<b>Name</b>		<b>Attributes</b>
<b><u>Des.</u></b>	<b><u>Element</u></b>	<b><u>Date</u></b>	<b><u>Qualifier</u></b>	
<b>G6201</b>	<b>432</b>	<b>Date</b>	<b>Qualifier</b>	<b>X ID 2/2</b>
		15	Promotion Start	
		16	Promotion End	
		64	Must Respond By	
<b>G6202</b>	<b>373</b>	<b>Date</b>		<b>X DT 8/8</b>
<b>G6203</b>	<b>176</b>	<b>Time</b>	<b>Qualifier</b>	<b>X ID 1/2</b>
		1	Must Respond By	
<b>G6204</b>	<b>337</b>	<b>Time</b>		<b>X TM 4/8</b>
<b>G6205</b>	<b>623</b>	<b>Time</b>	<b>Code</b>	<b>O ID 2/2</b>

**Segment:** **AT5** Bill of Lading Handling Requirements  
**Position:** 110  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 6  
**Syntax Notes:** 1 Only one of AT501 or AT503 may be present.  
 2 Only one of AT502 or AT503 may be present.  
**Semantic Notes:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u> AT503	<u>Element</u> 153	<u>Special Handling Description</u> HM = Hazmat	<u>X AN 2/30</u>

**Segment:** **N1** Name  
**Position:** 140  
**Loop:** 0100 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**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:**

Data Element Summary				
	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	N101	98	Entity Identifier Code	M ID 2/3
			A9, BR, BO, O2 Broker Office	
			BN Beneficial Owner	
			BT Bill-to-Party	
	N102	93	Name	X AN 1/60
	N103	66	Identification Code Qualifier	X ID 1/2
	N104	67	Identification Code	X AN 2/80

**Segment:** N3 Address Information  
**Position:** 160  
**Loop:** 0100 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 2  
**Syntax Notes:**  
**Semantic Notes:**

**Data Element Summary**

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

**Segment:** **N4** Geographic Location  
**Position:** 170  
**Loop:** 0100 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Syntax Notes:** 1 If N406 is present, then N405 is required.  
**Semantic Notes:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<b>N401</b>	<b>19</b>	<b>City Name</b>	<b>O AN 2/30</b>
<b>N402</b>	<b>156</b>	<b>State or Province Code</b>	<b>O ID 2/2</b>
<b>N403</b>	<b>116</b>	<b>Postal Code</b>	<b>O ID 3/15</b>

**Segment:** **G61** Contact  
**Position:** 190  
**Loop:** 0100 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 3  
**Syntax Notes:** 1 If either G6103 or G6104 is present, then the other is required.  
**Semantic Notes:**

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	G6101	366	Contact Function Code	M ID 2/2
M	G6102	93	Name	M AN 1/60
	G6103	365	Communication Number Qualifier TE Telephone	X ID 2/2
	G6104	364	Communication Number	X AN 1/80

**Segment:** **N7** Equipment Details  
**Position:** 200  
**Loop:** 0200 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**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.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
		<b>206</b>	<b>Equipment Initial</b> BLANK – if no equipment-ID	<b>O AN 1/4</b>
<b>M</b>	<b>N702</b>	<b>207</b>	<b>Equipment Number</b> 0 – if no equipment-ID	<b>M AN 1/10</b>
	<b>N711</b>	<b>40</b>	<b>Equipment Description Code</b> CN Container	<b>M ID 2/2</b>
	<b>N715</b>	<b>567</b>	<b>Equipment Length</b>	<b>M N0 4/5</b>
	<b>N720</b>	<b>65</b>	<b>Height</b>	<b>O R 1/8</b>

**Segment:** **M7** Seal Numbers  
**Position:** 210  
**Loop:** 0200 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 2  
**Syntax Notes:**  
**Semantic Notes:**

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	M701	225	Seal Number	M AN 2/15
	M702	225	Seal Number	O AN 2/15
	M703	225	Seal Number	O AN 2/15
	M704	225	Seal Number	O AN 2/15

**Segment:** **S5** Stop-off Details  
**Position:** 010  
**Loop:** 0300 Mandatory  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 1  
**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.

**Data Element Summary**

	<b>Ref.</b>	<b>Data</b>	<b>Attributes</b>
	<b><u>Des.</u></b>	<b><u>Element</u> <u>Name</u></b>	<b><u>Attributes</u></b>
M	S501	165 Stop Sequence Number	M N0 1/3
M	S502	163 Stop Reason Code	M ID 2/2
		CL Complete	
		CU Complete Unload	
		LD Load	
		PL Part Load	
		PU Part Unload	
		UL Unload	
	S505	382 Number of Units Shipped	X R 1/10
	S506	355 Unit or Basis for Measurement Code	X ID 2/2
	S510	154 Standard Point Location Code	O ID 6/9

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

**Position:** 020

**Loop:** 0300 Mandatory

**Level:** Detail

**Usage:** Optional

**Max Use:** 50

**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:**

#### Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<b>L1101</b>	<b>127</b>	<b>Reference Identification</b>	<b>X AN 1/30</b>
<b>L1102</b>	<b>128</b>	<b>Reference Identification Qualifier</b>	<b>X ID 2/3</b>
		BM	Bill of Lading Number
		CT	Contract Number
		LO	Load Planning Number
		PO	Purchase Order Number
		P8	Pickup Reference Number
		D8	Delivery Reference Number
		DJ	Delivery Ticket Number

**Segment:** **G62** Date/Time  
**Position:** 030  
**Loop:** 0300 Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 2  
**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:**

<b>Data Element Summary</b>				
<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>	
<b><u>Des.</u></b>	<b><u>Element</u></b>	<b><u>Date</u></b>	<b><u>Qualifier</u></b>	<b><u>ID</u></b>
<b>G6201</b>	<b>432</b>	<b>Date</b>	<b>Qualifier</b>	<b>X ID 2/2</b>
		69	Scheduled Pick-Up Date	
		70	Scheduled Delivery Date	
		77	Pickup Appointment Scheduled Date	
		78	Delivery Appointment Scheduled Date	
<b>G6202</b>	<b>373</b>	<b>Date</b>		<b>X DT 8/8</b>
<b>G6203</b>	<b>176</b>	<b>Time</b>	<b>Qualifier</b>	<b>X ID 1/2</b>
<b>G6204</b>	<b>337</b>	<b>Time</b>		<b>X TM 4/8</b>

**Segment:** **AT8** Shipment Weight, Packaging and Quantity Data

**Position:** 040

**Loop:** 0300 Mandatory

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

**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.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
AT801	187	Weight Qualifier	X ID 1/2
AT802	188	Weight Unit Code	X ID 1/1
		L Pounds	
AT803	81	Weight	X R 1/10

**Segment:** **AT5** Bill of Lading Handling Requirements  
**Position:** 060  
**Loop:** 0300 Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 6  
**Syntax Notes:** 1 Only one of AT501 or AT503 may be present.  
 2 Only one of AT502 or AT503 may be present.  
**Semantic Notes:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
AT501	152	Special Handling Code	X ID 2/3
AT502	560	Special Services Code	X ID 2/10
AT503	153	Special Handling Description	M AN 2/30

"STAY" – to indicate STAY at this stop  
 "DROP" – to indicate DROP at this stop

**Segment:** **NTE** Note/Special Instruction  
**Position:** 065  
**Loop:** 0300 Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 20  
**Syntax Notes:**  
**Semantic Notes:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
NTE01	363	Note Reference Code		O ID 3/3
		LOC	Location Description Information	
M	NTE02	352	Description	M AN 1/80

**Segment:** **N1** Name  
**Position:** 070  
**Loop:** 0310 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**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:**

Data Element Summary				
	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	N101	98	Entity Identifier Code	M ID 2/3
			SF Ship From	
			ST Ship To	
	N102	93	Name	X AN 1/60
	N104	67	Identification Code	X AN 2/80
			Any unique code	

**Segment:** N3 Address Information  
**Position:** 090  
**Loop:** 0310 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 2  
**Syntax Notes:**  
**Semantic Notes:**

**Data Element Summary**

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

**Segment:** **N4** Geographic Location  
**Position:** 100  
**Loop:** 0310 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Syntax Notes:** 1 If N406 is present, then N405 is required.  
**Semantic Notes:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<b>N401</b>	<b>19</b>	<b>City Name</b>	<b>O AN 2/30</b>
<b>N402</b>	<b>156</b>	<b>State or Province Code</b>	<b>O ID 2/2</b>
<b>N403</b>	<b>116</b>	<b>Postal Code</b>	<b>O ID 3/15</b>

**Segment:** **G61** Contact  
**Position:** 120  
**Loop:** 0310 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 3  
**Syntax Notes:** 1 If either G6103 or G6104 is present, then the other is required.  
**Semantic Notes:**

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	G6101	366	Contact Function Code	M ID 2/2
M	G6102	93	Name	M AN 1/60
	G6103	365	Communication Number Qualifier	X ID 2/2
	G6104	364	Communication Number	X AN 1/80

**Segment:** **L5** Description, Marks and Numbers

**Position:** 130

**Loop:** 0320 Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

**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:**

#### Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
L502	79	Lading Description	O AN 1/50
L503	22	Commodity Code	M AN 1/30
L504	23	Commodity Code Qualifier	X ID 1/1

**Segment:** **G61** Contact  
**Position:** 140  
**Loop:** 0325 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Syntax Notes:** 1 If either G6103 or G6104 is present, then the other is required.  
**Semantic Notes:**

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	G6101	366	Contact Function Code	M ID 2/2
M	G6102	93	Name	M AN 1/60
	G6103	365	Communication Number Qualifier	X ID 2/2
	G6104	364	Communication Number	X AN 1/80

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

**Position:** 141

**Loop:** 0325 Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** 5

**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:**

**Data Element Summary**

<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
<b>Des.</b>	<b>Element</b>		
L1101	127	Reference Identification	X AN 1/30
L1102	128	Reference Identification Qualifier	X ID 2/3
		BM Bill of Lading Number	

**Segment:** **LH6** Hazardous Certification  
**Position:** 142  
**Loop:** 0325 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 6  
**Syntax Notes:** 1 If either LH602 or LH603 is present, then the other is required.  
**Semantic Notes:**

**Data Element Summary**

<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
<b>Des.</b>	<b>Element</b>	<b>Name</b>	
LH601	93	Name	O AN 1/60
LH602	272	Hazardous Certification Code	X ID 1/1
LH603	273	Hazardous Certification Declaration	X AN 1/25
LH604	273	Hazardous Certification Declaration	O AN 1/25

**Segment:** **LH1** Hazardous Identification Information  
**Position:** 143  
**Loop:** 0330 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Syntax Notes:**  
**Semantic Notes:**

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	LH101	355	Unit or Basis for Measurement Code	M ID 2/2
M	LH102	80	Lading Quantity	M N0 1/7
	LH103	277	UN/NA Identification Code	O ID 6/6
	LH104	200	Hazardous Materials Page	O AN 1/6
	LH106	355	Unit or Basis for Measurement Code	O ID 2/2
			KG Kilogram	
			LB Pound	
	LH107	380	Quantity	O R 1/15
	LH110	254	Packing Group Code	O ID 1/3

**Segment:** **LH2** Hazardous Classification Information

**Position:** 144

**Loop:** 0330 Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** 4

**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.

**Data Element Summary**

<b>Ref.</b>	<b>Data</b>		
<b><u>Des.</u></b>	<b><u>Element</u></b>	<b><u>Name</u></b>	<b><u>Attributes</u></b>
LH201	215	Hazardous Classification	O ID 1/30
LH202	983	Hazardous Class Qualifier	O ID 1/1
LH203	218	Hazardous Placard Notation	O ID 14/40
LH205	759	Reportable Quantity Code	O ID 2/2

**Segment:** **LH3** Hazardous Material Shipping Name  
**Position:** 145  
**Loop:** 0330 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 10  
**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.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
LH301	224	Hazardous Material Shipping Name	X AN 1/25
LH302	984	Hazardous Material Shipping Name Qualifier	X ID 1/1
LH303	985	N.O.S. Indicator Code	O ID 3/3

**Segment:** **L3** Total Weight and Charges  
**Position:** 010  
**Loop:**  
**Level:** Summary  
**Usage:** Optional  
**Max Use:** 1  
**Syntax Notes:**

- 1 If either L301 or L302 is present, then the other is required.
- 2 If either L303 or L304 is present, then the other is required.
- 3 If either L309 or L310 is present, then the other is required.
- 4 If L312 is present, then L301 is required.
- 5 If either L314 or L315 is present, then the other is required.

**Semantic Notes:**

- 1 L305 is the total charges.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u> <u>Name</u>	<u>M</u> <u>N2</u> <u>1/12</u>
L305	58 Charge	

**Segment:** **SE** Transaction Set Trailer  
**Position:** 020  
**Loop:**  
**Level:** Summary  
**Usage:** Mandatory  
**Max Use:** 1  
**Syntax Notes:**  
**Semantic Notes:**

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	SE01	96	Number of Included Segments	M N0 1/10
M	SE02	329	Transaction Set Control Number	M AN 4/9

**Segment:** **GE** Functional Group Trailer  
**Position:** 030  
**Loop:**  
**Level:** Summary  
**Usage:** Optional  
**Max Use:** 1  
**Syntax Notes:**  
**Semantic Notes:** 1 The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

**Data Element Summary**

	<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
	<b>Des.</b>	<b>Element</b>		
M	GE01	97	Number of Transaction Sets Included	M N0 1/6
M	GE02	28	Group Control Number	M N0 1/9

**Segment:** **IEA** Interchange Control Trailer  
**Position:** 040  
**Loop:**  
**Level:** Summary  
**Usage:** Optional  
**Max Use:** 1  
**Syntax Notes:**  
**Semantic Notes:**

**Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	IEA01	I16	Number of Included Functional Groups	M N0 1/5
M	IEA02	I12	Interchange Control Number	M N0 9/9