CSX EDI 417
Rail Carrier Waybill Interchange
X12/V5030/417: 417 Rail Carrier Waybill Interchange
Version: 005030 RAIL

Questions about the CSX EDI 417 Implementation Guide should be directed to:
877-SHIPCSX option 2, prompt 2
Monday – Friday: 7:00 AM – 6:00 PM

Publication: September 2007
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# 417

## Rail Carrier Waybill Interchange

### Functional Group: WB

**Purpose:** This X12 Transaction Set contains the format and establishes the data contents of the Rail Carrier Waybill Interchange Transaction Set (417) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide the rail carrier with detailed movement instructions pertinent to a rail carrier shipment and is used by all Class I rail carriers in the United States and Canada.

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<td>1</td>
<td>Used</td>
</tr>
<tr>
<td>5200 H3</td>
<td>Special Handling Instructions</td>
<td>O</td>
<td>20</td>
<td>Used</td>
</tr>
<tr>
<td>5300 PS</td>
<td>Protective Service Instructions</td>
<td>O</td>
<td>5</td>
<td>Used</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LOOP ID - LX</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>5400 LX</td>
<td>Transaction Set Line Number</td>
<td>M</td>
<td>1</td>
<td>Must use</td>
</tr>
<tr>
<td>5500 L5</td>
<td>Description, Marks and Numbers</td>
<td>M</td>
<td>15</td>
<td>Must use</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LOOP ID - L0</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>5700 L0</td>
<td>Line Item - Quantity and Weight</td>
<td>O</td>
<td>1</td>
<td>Used</td>
</tr>
<tr>
<td>5750 MEA</td>
<td>Measurements</td>
<td>O</td>
<td>3</td>
<td>Used</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LOOP ID - PI</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>5900 PI</td>
<td>Price Authority Identification</td>
<td>O</td>
<td>1</td>
<td>Used</td>
</tr>
<tr>
<td>5920 CD</td>
<td>Shipment Conditions</td>
<td>O</td>
<td>10</td>
<td>Used</td>
</tr>
<tr>
<td>5950 X1</td>
<td>Export License</td>
<td>O</td>
<td>6</td>
<td>Used</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LOOP ID - T1</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>6000 T1</td>
<td>Transit Inbound Origin</td>
<td>O</td>
<td>1</td>
<td>Used</td>
</tr>
<tr>
<td>Code</td>
<td>Description</td>
<td>Req</td>
<td>Max Use</td>
<td>Repeat</td>
</tr>
<tr>
<td>------</td>
<td>-------------------------------------------------</td>
<td>-----</td>
<td>---------</td>
<td>--------</td>
</tr>
<tr>
<td>6100</td>
<td>T2 Transit Inbound Lading</td>
<td>O</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>6200</td>
<td>T3 Transit Inbound Route</td>
<td>O</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>6300</td>
<td>T6 Transit Inbound Rates</td>
<td>O</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6400</td>
<td>T8 Free-form Transit Data</td>
<td>O</td>
<td>99</td>
<td></td>
</tr>
<tr>
<td>6600</td>
<td>LS Loop Header</td>
<td>O</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6700</td>
<td>LH1 Hazardous Identification Information</td>
<td>O</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6800</td>
<td>LH2 Hazardous Classification Information</td>
<td>O</td>
<td>4</td>
<td>N1/6800</td>
</tr>
<tr>
<td>6900</td>
<td>LH3 Hazardous Material Shipping Name Information</td>
<td>O</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>7000</td>
<td>LFH Free-form Hazardous Material Information</td>
<td>O</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>7100</td>
<td>LEP EPA Required Data</td>
<td>O</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>7200</td>
<td>LH4 Canadian Dangerous Requirements</td>
<td>O</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>7300</td>
<td>LHT Transborder Hazardous Requirements</td>
<td>O</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>7400</td>
<td>LHR Hazardous Material Identifying Reference Numbers</td>
<td>O</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>7450</td>
<td>PER Administrative Communications Contact</td>
<td>O</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>7460</td>
<td>N1 Party Identification</td>
<td>O</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>7470</td>
<td>N3 Party Location</td>
<td>O</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>7480</td>
<td>N4 Geographic Location</td>
<td>O</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>7490</td>
<td>PER Administrative Communications Contact</td>
<td>O</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>7500</td>
<td>LE Loop Trailer</td>
<td>M</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>7600</td>
<td>PER Administrative Communications Contact</td>
<td>O</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>7700</td>
<td>LH2 Hazardous Classification Information</td>
<td>O</td>
<td>6</td>
<td>N1/7700</td>
</tr>
<tr>
<td>7800</td>
<td>LHR Hazardous Material Identifying Reference Numbers</td>
<td>O</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>7850</td>
<td>XH Pro Forma - B13 Information</td>
<td>O</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>7900</td>
<td>X7 Customs Information</td>
<td>O</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>8100</td>
<td>SE Transaction Set Trailer</td>
<td>M</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

**Not Defined:**

<table>
<thead>
<tr>
<th>Pos</th>
<th>Id</th>
<th>Segment Name</th>
<th>Req</th>
<th>Max Use</th>
<th>Repeat</th>
<th>Notes</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>GE</td>
<td>Functional Group Trailer</td>
<td>M</td>
<td>1</td>
<td></td>
<td></td>
<td>Must use</td>
<td></td>
</tr>
<tr>
<td>IEA</td>
<td>Interchange Control Trailer</td>
<td>M</td>
<td>1</td>
<td></td>
<td></td>
<td>Must use</td>
<td></td>
</tr>
</tbody>
</table>

**Notes:**

1/0200 When the lead car on previously transmitted Waybills is to be removed from those instructions, a 998 Set Cancellation must be submitted deleting the entire waybill using the original lead car ID as reference in the ZD segment. This waybill may then be transmitted with the new lead car ID.

1/0300 BX05 contains the Standard Carrier Alpha Code (SCAC) of the original roadhaul carrier receiving the shipment.
1/0400  Multi-unit intermodal waybills are not allowed.
1/6800  If the hazardous endorsement (LH204) is "NONE", then use of LH204 is mandatory. However, the receiver must consider it to be blanks when printing a paper document.
1/7700  If the hazardous endorsement (LH204) is "NONE", then use of LH204 is mandatory. However, the receiver must consider it to be blanks when printing a paper document.
### ISA Interchange Control Header

**User Option (Usage):** Must use  
**Purpose:** To start and identify an interchange of zero or more functional groups and interchange-related control segments

#### Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Reg</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISA01</td>
<td>I01</td>
<td>Authorization Information Qualifier</td>
<td>M</td>
<td>ID</td>
<td>2/2</td>
<td>Must use</td>
</tr>
</tbody>
</table>
|      |     | **Description:** Code identifying the type of information in the Authorization Information  
|      |     | All valid standard codes are used. |
| ISA02| I02 | Authorization Information          | M   | AN   | 10/10   | Must use      |
|      |     | **Description:** Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01) |
| ISA03| I03 | Security Information Qualifier     | M   | ID   | 2/2     | Must use      |
|      |     | **Description:** Code identifying the type of information in the Security Information  
|      |     | All valid standard codes are used. |
| ISA04| I04 | Security Information              | M   | AN   | 10/10   | Must use      |
|      |     | **Description:** This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03) |
| ISA05| I05 | Interchange ID Qualifier          | M   | ID   | 2/2     | Must use      |
|      |     | **Description:** Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified |

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>02</td>
<td>SCAC (Standard Carrier Alpha Code)</td>
</tr>
</tbody>
</table>

| ISA06| I06 | Interchange Sender ID          | M   | AN   | 15/15  | Must use      |
|      |     | **Description:** Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element |
| ISA07| I05 | Interchange ID Qualifier       | M   | ID   | 2/2    | Must use      |
|      |     | **Description:** Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified |

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>02</td>
<td>SCAC (Standard Carrier Alpha Code)</td>
</tr>
</tbody>
</table>

| ISA08| I07 | Interchange Receiver ID        | M   | AN   | 15/15  | Must use      |
|      |     | **Description:** Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them |
| ISA09| I08 | Interchange Date               | M   | DT   | 6/6    | Must use      |
|      |     | **Description:** Date of the interchange |
| ISA10| I09 | Interchange Time               | M   | TM   | 4/4    | Must use      |
|      |     | **Description:** Time of the interchange |
| ISA11| I65 | Repetition Separator           | M   |      | 1/1    | Must use      |
**Description:** Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator

**ISA12 I11 Interchange Control Version Number**
*M* ID 5/5 Must use

**Description:** Code specifying the version number of the interchange control segments

*All valid standard codes are used.*

**ISA13 I12 Interchange Control Number**
*M* N0 9/9 Must use

**Description:** A control number assigned by the interchange sender

**ISA14 I13 Acknowledgment Requested**
*M* ID 1/1 Must use

**Description:** Code indicating sender's request for an interchange acknowledgment

*All valid standard codes are used.*

**ISA15 I14 Interchange Usage Indicator**
*M* ID 1/1 Must use

**Description:** Code indicating whether data enclosed by this interchange envelope is test, production or information

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>P</td>
<td>Production Data</td>
</tr>
<tr>
<td>T</td>
<td>Test Data</td>
</tr>
</tbody>
</table>

**ISA16 I15 Component Element Separator**
*M* 1/1 Must use

**Description:** Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator
## Functional Group Header

**User Option (Usage):** Must use  
**Purpose:** To indicate the beginning of a functional group and to provide control information

### Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>GS01</td>
<td>479</td>
<td>Functional Identifier Code</td>
<td>M</td>
<td>ID</td>
<td>2/2</td>
<td>Must use</td>
</tr>
</tbody>
</table>

**Description:** Code identifying a group of application related transaction sets

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>WB</td>
<td>Rail Carrier Waybill Interchange (417)</td>
</tr>
</tbody>
</table>

| GS02 | 142| Application Sender's Code      | M   | AN   | 2/15    | Must use         |

**Description:** Code identifying party sending transmission; codes agreed to by trading partners

| GS03 | 124| Application Receiver's Code    | M   | AN   | 2/15    | Must use         |

**Description:** Code identifying party receiving transmission; codes agreed to by trading partners

| GS04 | 373| Date                         | M   | DT   | 8/8     | Must use         |

**Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

| GS05 | 337| Time                         | M   | TM   | 4/8     | Must use         |

**Description:** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, 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)

| GS06 | 28 | Group Control Number         | M   | N0   | 1/9     | Must use         |

**Description:** Assigned number originated and maintained by the sender

| GS07 | 455| Responsible Agency Code      | M   | ID   | 1/2     | Must use         |

**Description:** Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480

| GS08 | 480| Version / Release / Industry Identifier Code | M   | AN   | 1/12    | Must use         |

**Description:** Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments: if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>Accredited Standards Committee X12</td>
</tr>
<tr>
<td>005030</td>
<td>Standards Approved for Publication by ASC X12 Procedures Review Board through October 2005</td>
</tr>
</tbody>
</table>

### Semantics:

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.
Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.
## Transaction Set Header

**User Option (Usage):** Must use  
**Purpose:** To indicate the start of a transaction set and to assign a control number

### Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>ST01</td>
<td>143</td>
<td>Transaction Set Identifier Code</td>
<td>M</td>
<td>ID</td>
<td>3/3</td>
<td>Must use</td>
</tr>
</tbody>
</table>
|     |     | **Description:** Code uniquely identifying a Transaction Set  
|     |     | All valid standard codes are used.  |
| ST02| 329| Transaction Set Control Number      | M   | AN   | 4/9     | Must use        |
|     |     | **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set |

### Semantics:

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).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.
ZC1

Beginning Segment for Data Correction or Change

User Option (Usage): Used
Purpose: To transmit identifying numbers, dates, and other basic data relating to the transaction set

Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZC101</td>
<td>145</td>
<td>Shipment Identification Number</td>
<td>O</td>
<td>AN</td>
<td>1/30</td>
<td>Used</td>
</tr>
<tr>
<td>ZC102</td>
<td>206</td>
<td>Equipment Initial</td>
<td>O</td>
<td>AN</td>
<td>1/4</td>
<td>Used</td>
</tr>
<tr>
<td>ZC103</td>
<td>207</td>
<td>Equipment Number</td>
<td>M</td>
<td>AN</td>
<td>1/15</td>
<td>Must use</td>
</tr>
<tr>
<td>ZC104</td>
<td>244</td>
<td>Transaction Reference Number</td>
<td>M</td>
<td>AN</td>
<td>1/50</td>
<td>Must use</td>
</tr>
<tr>
<td>ZC105</td>
<td>243</td>
<td>Transaction Reference Date</td>
<td>M</td>
<td>DT</td>
<td>8/8</td>
<td>Must use</td>
</tr>
<tr>
<td>ZC106</td>
<td>202</td>
<td>Correction Indicator</td>
<td>M</td>
<td>ID</td>
<td>2/2</td>
<td>Must use</td>
</tr>
<tr>
<td>ZC107</td>
<td>140</td>
<td>Standard Carrier Alpha Code</td>
<td>M</td>
<td>ID</td>
<td>2/4</td>
<td>Must use</td>
</tr>
<tr>
<td>ZC108</td>
<td>91</td>
<td>Transportation Method/Type Code</td>
<td>M</td>
<td>ID</td>
<td>1/2</td>
<td>Must use</td>
</tr>
<tr>
<td>ZC109</td>
<td>761</td>
<td>Equipment Number Check Digit</td>
<td>O</td>
<td>N0</td>
<td>1/1</td>
<td>Used</td>
</tr>
</tbody>
</table>

Description:
- **ZC101**: 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)
- **ZC102**: Equipment Initial
  - Prefix or alphabetic part of an equipment unit's identifying number
- **ZC103**: Equipment Number
  - Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)
- **ZC104**: Transaction Reference Number
  - Sender's assigned number for referenced transaction set
- **ZC105**: Transaction Reference Date
  - Date of referenced transaction set expressed in format CCYYMMDD where CC represents the first two digits of the calendar year
- **ZC106**: Correction Indicator
  - Code used to indicate that the transaction set contains information which corrects previous information
- **ZC107**: Standard Carrier Alpha Code
  - Standard Carrier Alpha Code
- **ZC108**: Transportation Method/Type Code
  - Code specifying the method or type of transportation for the shipment
- **ZC109**: Equipment Number Check Digit
  - Number which designates the check digit applied to a piece of equipment

Semantics:
1. If ZC108 is "R" (Rail), then ZC102 is required.
2. ZC109 is the equipment check digit for the equipment number in ZC103.

Comments:
1. For any rail shipment, ZC102 is required.
# BX General Shipment Information

**User Option (Usage):** Used  
**Purpose:** To transmit identification numbers and other basic shipment data

## Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>BX01</td>
<td>353</td>
<td>Transaction Set Purpose Code</td>
<td>M</td>
<td>ID</td>
<td>2/2</td>
<td>Must use</td>
</tr>
<tr>
<td>BX02</td>
<td>91</td>
<td>Transportation Method/Type Code</td>
<td>M</td>
<td>ID</td>
<td>1/2</td>
<td>Must use</td>
</tr>
<tr>
<td>BX03</td>
<td>146</td>
<td>Shipment Method of Payment</td>
<td>M</td>
<td>ID</td>
<td>2/2</td>
<td>Must use</td>
</tr>
<tr>
<td>BX04</td>
<td>145</td>
<td>Shipment Identification Number</td>
<td>O</td>
<td>AN</td>
<td>1/30</td>
<td>Used</td>
</tr>
<tr>
<td>BX05</td>
<td>140</td>
<td>Standard Carrier Alpha Code</td>
<td>O</td>
<td>ID</td>
<td>2/4</td>
<td>Used</td>
</tr>
<tr>
<td>BX06</td>
<td>188</td>
<td>Weight Unit Code</td>
<td>O</td>
<td>ID</td>
<td>1/1</td>
<td>Used</td>
</tr>
<tr>
<td>BX07</td>
<td>147</td>
<td>Shipment Qualifier</td>
<td>O</td>
<td>ID</td>
<td>1/1</td>
<td>Used</td>
</tr>
</tbody>
</table>

### Description:
- **Transaction Set Purpose Code**: Code identifying purpose of transaction set  
  - **Code**: 00 Original, 04 Change
- **Transportation Method/Type Code**: Code specifying the method or type of transportation for the shipment  
  - **Code**: R Rail, X Intermodal (Piggyback)
- **Shipment Method of Payment**: Code identifying payment terms for transportation charges  
  - **Code**: 11 Rule 11 Shipment, CC Collect, NC Service Freight, No Charge, NR Non Revenue, PP Prepaid (by Seller)
- **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)
- **Standard Carrier Alpha Code**: Standard Carrier Alpha Code
- **Weight Unit Code**: Code specifying the weight unit  
  - **Code**: L Pounds
- **Shipment Qualifier**: Code defining relationship of this shipment with respect to other shipments given to the carrier at the same time  
  - **Code**: 1 Master Bill for Empty Non-Revenue Equipment, 6 First Bill for Split Shipment, 7 Subordinate Bill for Split Shipment, 8 Master Bill, Revenue Empty, B Bill of Lading for Individual Shipment
C Consolidated Shipment
E Empty Equipment Billing (Non-Revenue)
F Stop-off Shipment
G Switch Waybill
H Company Business (Non-revenue)
M Master Bill of Lading for Assembly, Distribution and Volume Shipment
N Multiple Loads (Blind Memo) Memo--Incomplete Documentation
S Submaster Bill of Lading for Volume Shipment
W Revenue Empty
X Empty Switch Waybill

BX08 226 Section Seven Code O ID 1/1 Used
Description: Code indicating applicability of section seven option (if not transmitted assume not in effect)
All valid standard codes are used.

BX09 195 Capacity Load Code O ID 1/1 Used
Description: Code specifying type of capacity load

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>C</td>
<td>Full Cubic Capacity</td>
</tr>
<tr>
<td>F</td>
<td>Full Capacity</td>
</tr>
<tr>
<td>G</td>
<td>Gallonage Capacity</td>
</tr>
<tr>
<td>M</td>
<td>Marked Capacity</td>
</tr>
<tr>
<td>V</td>
<td>Full Visible Capacity</td>
</tr>
</tbody>
</table>

BX11 501 Customs Documentation Handling Code O ID 2/2 Used
Description: Code defining method of handling for documentation
All valid standard codes are used.

BX12 199 Confidential Billing Request Code O ID 1/1 Used
Description: Code used by the shipper to request that the carrier inhibit origin identification information from the invoice transaction sets and/or rate and charges from waybill documents and transaction sets when shipment moves under confidential contract rates
All valid standard codes are used.

BX13 714 Goods and Services Tax Reason Code O ID 1/1 Used
Description: Code required to identify the reason for a 0% rated goods and services tax
All valid standard codes are used.
### User Option (Usage): Used

### Purpose: To transmit rail-specific shipment data

#### Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>BNX01</td>
<td>460</td>
<td>Shipment Weight Code</td>
<td>O</td>
<td>ID</td>
<td>1/1</td>
<td>Used</td>
</tr>
</tbody>
</table>

**Description:** Code indicating the way by which weights are obtained for a particular shipment

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Shipper's Weight Agreement</td>
</tr>
<tr>
<td>D</td>
<td>Destination Weight Agreement</td>
</tr>
<tr>
<td>F</td>
<td>Public Scale Weight on Behalf of Consignee</td>
</tr>
<tr>
<td>G</td>
<td>Grain Exchange Weight</td>
</tr>
<tr>
<td>H</td>
<td>Public Scale Weight on Behalf of Shipper</td>
</tr>
<tr>
<td>M</td>
<td>Manifest Weight</td>
</tr>
<tr>
<td>N</td>
<td>No Wt. Req., Ship. Moving on Contract or per car rate</td>
</tr>
<tr>
<td>O</td>
<td>Official Weight</td>
</tr>
<tr>
<td>R</td>
<td>Carrier Scale Weight</td>
</tr>
<tr>
<td>S</td>
<td>Shipper Certified Scale Weights</td>
</tr>
<tr>
<td>T</td>
<td>Tariff Authorized Weight</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>BNX02</td>
<td>129</td>
<td>Referenced Pattern Identifier</td>
<td>O</td>
<td>AN</td>
<td>1/13</td>
<td>Used</td>
</tr>
</tbody>
</table>

**Description:** Identification of a repetitive pattern that is to be used as a basis for creating a shipment record or a new pattern; or identification of a pattern requiring change or deletion

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>BNX03</td>
<td>11</td>
<td>Billing Code</td>
<td>O</td>
<td>ID</td>
<td>1/1</td>
<td>Used</td>
</tr>
</tbody>
</table>

**Description:** Code indicating type of Bill

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Temporarily Articulated Load</td>
</tr>
<tr>
<td>D</td>
<td>Switch Bill</td>
</tr>
<tr>
<td>E</td>
<td>Storage</td>
</tr>
<tr>
<td>G</td>
<td>Store in Transit</td>
</tr>
<tr>
<td>H</td>
<td>For Furtherance of Transit</td>
</tr>
<tr>
<td>M</td>
<td>Multiple Shipment Billing</td>
</tr>
<tr>
<td>P</td>
<td>Paired Trailer Shipment</td>
</tr>
<tr>
<td>Q</td>
<td>Multi-car Transit</td>
</tr>
<tr>
<td>S</td>
<td>Single Shipment Billing</td>
</tr>
<tr>
<td>T</td>
<td>Transit Billing</td>
</tr>
<tr>
<td>U</td>
<td>Unit Train Billing</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>BNX04</td>
<td>223</td>
<td>Repetitive Pattern Number</td>
<td>O</td>
<td>N0</td>
<td>5/5</td>
<td>Used</td>
</tr>
</tbody>
</table>

**Description:** RWC number composed of a four-digit number with a fifth digit being a modulus 10 check digit
N9

Extended Reference Information

User Option (Usage): Used
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Reg</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>N901</td>
<td>128</td>
<td>Reference Identification Qualifier</td>
<td>M</td>
<td>ID</td>
<td>2/3</td>
<td>Must use</td>
</tr>
</tbody>
</table>

Description: Code qualifying the Reference Identification

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>BM</td>
<td>Bill of Lading Number</td>
</tr>
<tr>
<td>BN</td>
<td>Booking Number</td>
</tr>
<tr>
<td>OB</td>
<td>Ocean Bill of Lading</td>
</tr>
<tr>
<td>SI</td>
<td>Shipper's Identifying Number for Shipment (SID)</td>
</tr>
</tbody>
</table>

N902 127 Reference Identification

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

N903 369 Free-form Description

Description: Free-form descriptive text

N904 373 Date

Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

N905 337 Time

Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, 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)

N906 623 Time Code

Description: 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

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>AT</td>
<td>Alaska Time</td>
</tr>
<tr>
<td>CT</td>
<td>Central Time</td>
</tr>
<tr>
<td>ET</td>
<td>Eastern Time</td>
</tr>
<tr>
<td>LT</td>
<td>Local Time</td>
</tr>
<tr>
<td>MT</td>
<td>Mountain Time</td>
</tr>
<tr>
<td>NT</td>
<td>Newfoundland Time</td>
</tr>
<tr>
<td>PT</td>
<td>Pacific Time</td>
</tr>
<tr>
<td>TT</td>
<td>Atlantic Time</td>
</tr>
</tbody>
</table>

Syntax Rules:
1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

Semantics:
1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.
User Option (Usage): Used
Purpose: To identify specific flight or voyage information for multimodal shipments

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>CM01</td>
<td>55</td>
<td>Flight/Voyage Number</td>
<td>O</td>
<td>AN</td>
<td>2/10</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description</strong>: Identifying designator for the particular flight or voyage on which the cargo travels</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CM02</td>
<td>115</td>
<td>Port or Terminal Function Code</td>
<td>X</td>
<td>ID</td>
<td>1/1</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description</strong>: Code defining function performed at the port or terminal with respect to a shipment</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Code</strong></td>
<td><strong>Name</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1</td>
<td>Final Port of Discharge (Operational)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>D</td>
<td>Port of Discharge (Operational)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>L</td>
<td>Port of Loading (Operational)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CM03</td>
<td>114</td>
<td>Port Name</td>
<td>O</td>
<td>AN</td>
<td>2/24</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description</strong>: Free-form name for the place at which an offshore carrier originates or terminates (by transshipment or otherwise) its actual ocean carriage of property</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CM04</td>
<td>373</td>
<td>Date</td>
<td>O</td>
<td>DT</td>
<td>8/8</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description</strong>: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CM05</td>
<td>13</td>
<td>Booking Number</td>
<td>O</td>
<td>AN</td>
<td>1/17</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description</strong>: Number assigned by the carrier for space reservation</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CM06</td>
<td>140</td>
<td>Standard Carrier Alpha Code</td>
<td>O</td>
<td>ID</td>
<td>2/4</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description</strong>: Standard Carrier Alpha Code</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CM07</td>
<td>140</td>
<td>Standard Carrier Alpha Code</td>
<td>O</td>
<td>ID</td>
<td>2/4</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description</strong>: Standard Carrier Alpha Code</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CM08</td>
<td>373</td>
<td>Date</td>
<td>O</td>
<td>DT</td>
<td>8/8</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description</strong>: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CM09</td>
<td>182</td>
<td>Vessel Name</td>
<td>O</td>
<td>AN</td>
<td>2/28</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description</strong>: Name of ship as documented in &quot;Lloyd's Register of Ships&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CM10</td>
<td>113</td>
<td>Pier Number</td>
<td>O</td>
<td>AN</td>
<td>1/4</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description</strong>: Identifying number for the pier</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CM11</td>
<td>112</td>
<td>Pier Name</td>
<td>O</td>
<td>AN</td>
<td>2/14</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description</strong>: Free-form name of the pier</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CM12</td>
<td>174</td>
<td>Terminal Name</td>
<td>O</td>
<td>AN</td>
<td>2/30</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description</strong>: Free-form field for terminal name</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CM13</td>
<td>156</td>
<td>State or Province Code</td>
<td>O</td>
<td>ID</td>
<td>2/2</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description</strong>: Code (Standard State/Province) as defined by appropriate government agency</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CM14</td>
<td>26</td>
<td>Country Code</td>
<td>O</td>
<td>ID</td>
<td>2/3</td>
<td>Used</td>
</tr>
</tbody>
</table>

CM 417.ecs
Description: Code identifying the country

CM15 127 Reference Identification O AN 1/80 Used

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Syntax Rules:
1. C0402 - If CM04 is present, then CM02 is required.

Semantics:
1. CM04 is qualified by CM02.
2. CM06 contains the carrier code.
3. CM07 contains the previous carrier code.
4. CM08 is the manifest date.
5. CM15 is the vessel agent number.

Comments:
1. CM02 is "D" for rail origin and "L" for rail destination.
DTM  Date/Time Reference

User Option (Usage): Used
Purpose: To specify pertinent dates and times

Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>DTM01</td>
<td>374</td>
<td>Date/Time Qualifier</td>
<td>M</td>
<td>ID</td>
<td>3/3</td>
<td>Must use</td>
</tr>
</tbody>
</table>

**Description:** Code specifying type of date or time, or both date and time

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>002</td>
<td>Delivery Requested</td>
</tr>
<tr>
<td>017</td>
<td>Estimated Delivery</td>
</tr>
<tr>
<td>018</td>
<td>Available</td>
</tr>
<tr>
<td>037</td>
<td>Ship Not Before</td>
</tr>
<tr>
<td>038</td>
<td>Ship No Later</td>
</tr>
<tr>
<td>067</td>
<td>Current Schedule Delivery</td>
</tr>
<tr>
<td>068</td>
<td>Current Schedule Ship</td>
</tr>
<tr>
<td>069</td>
<td>Promised for Delivery</td>
</tr>
<tr>
<td>110</td>
<td>Originally Scheduled Ship</td>
</tr>
<tr>
<td>168</td>
<td>Release</td>
</tr>
<tr>
<td>196</td>
<td>Start</td>
</tr>
<tr>
<td>197</td>
<td>End</td>
</tr>
<tr>
<td>198</td>
<td>Completion</td>
</tr>
<tr>
<td>209</td>
<td>Contract Performance Start</td>
</tr>
<tr>
<td>210</td>
<td>Contract Performance Delivery</td>
</tr>
<tr>
<td>372</td>
<td>Actual Arrival Date</td>
</tr>
<tr>
<td>458</td>
<td>Certification</td>
</tr>
<tr>
<td>ICF</td>
<td>Converted to Electronic Date</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>DTM02</td>
<td>373</td>
<td>Date</td>
<td>X</td>
<td>DT</td>
<td>8/8</td>
</tr>
</tbody>
</table>

**Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>DTM03</td>
<td>337</td>
<td>Time</td>
<td>X</td>
<td>TM</td>
<td>4/8</td>
</tr>
</tbody>
</table>

**Description:** 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)

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>DTM04</td>
<td>623</td>
<td>Time Code</td>
<td>O</td>
<td>ID</td>
<td>2/2</td>
</tr>
</tbody>
</table>

**Description:** 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

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>AT</td>
<td>Alaska Time</td>
</tr>
<tr>
<td>CT</td>
<td>Central Time</td>
</tr>
<tr>
<td>ET</td>
<td>Eastern Time</td>
</tr>
<tr>
<td>LT</td>
<td>Local Time</td>
</tr>
<tr>
<td>MT</td>
<td>Mountain Time</td>
</tr>
<tr>
<td>NT</td>
<td>Newfoundland Time</td>
</tr>
<tr>
<td>PT</td>
<td>Pacific Time</td>
</tr>
</tbody>
</table>
TT                        Atlantic Time

Syntax Rules:
1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.
Loop N7

User Option (Usage): Must use
Purpose: To identify the equipment

Loop Summary:

<table>
<thead>
<tr>
<th>Pos</th>
<th>Id</th>
<th>Segment Name</th>
<th>Req</th>
<th>Max Use</th>
<th>Repeat</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>0800</td>
<td>N7</td>
<td>Equipment Details</td>
<td>M</td>
<td>1</td>
<td></td>
<td>Must use</td>
</tr>
<tr>
<td>0810</td>
<td>EM</td>
<td>Equipment Characteristics</td>
<td>O</td>
<td>1</td>
<td></td>
<td>Used</td>
</tr>
<tr>
<td>0900</td>
<td></td>
<td>Loop VC</td>
<td>O</td>
<td></td>
<td>36</td>
<td>Used</td>
</tr>
<tr>
<td>1000</td>
<td>IC</td>
<td>Intermodal Chassis Equipment</td>
<td>O</td>
<td>1</td>
<td></td>
<td>Used</td>
</tr>
<tr>
<td>1100</td>
<td>IM</td>
<td>Intermodal Movement Information</td>
<td>O</td>
<td>1</td>
<td></td>
<td>Used</td>
</tr>
<tr>
<td>1200</td>
<td>M12</td>
<td>In-bond Identifying Information</td>
<td>O</td>
<td>2</td>
<td></td>
<td>Used</td>
</tr>
<tr>
<td>1300</td>
<td>G4</td>
<td>Scale Identification</td>
<td>O</td>
<td>1</td>
<td></td>
<td>Used</td>
</tr>
<tr>
<td>1400</td>
<td>M7</td>
<td>Seal Numbers</td>
<td>O</td>
<td>5</td>
<td></td>
<td>Used</td>
</tr>
<tr>
<td>1500</td>
<td>N5</td>
<td>Equipment Ordered</td>
<td>O</td>
<td>1</td>
<td></td>
<td>Used</td>
</tr>
<tr>
<td>1610</td>
<td></td>
<td>Loop E1</td>
<td>O</td>
<td></td>
<td>2</td>
<td>Used</td>
</tr>
<tr>
<td>1650</td>
<td>GA</td>
<td>Canadian Grain Information</td>
<td>O</td>
<td>15</td>
<td></td>
<td>Used</td>
</tr>
<tr>
<td>1670</td>
<td></td>
<td>Loop REF</td>
<td>O</td>
<td></td>
<td>99</td>
<td>Used</td>
</tr>
<tr>
<td>1750</td>
<td>IMA</td>
<td>Interchange Move Authority</td>
<td>O</td>
<td>3</td>
<td></td>
<td>Used</td>
</tr>
</tbody>
</table>
N7

**Equipment Details**

**User Option (Usage):** Must use

**Purpose:** To identify the equipment

**Element Summary:**

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>N701</td>
<td>206</td>
<td>Equipment Initial</td>
<td>O</td>
<td>AN</td>
<td>1/4</td>
<td>Used</td>
</tr>
</tbody>
</table>

**Description:** Prefix or alphabetic part of an equipment unit's identifying number

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>N702</td>
<td>207</td>
<td>Equipment Number</td>
<td>M</td>
<td>AN</td>
<td>1/15</td>
<td>Must use</td>
</tr>
</tbody>
</table>

**Description:** Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>N703</td>
<td>81</td>
<td>Weight</td>
<td>X</td>
<td>R</td>
<td>1/10</td>
<td>Used</td>
</tr>
</tbody>
</table>

**Description:** Numeric value of weight

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>N704</td>
<td>187</td>
<td>Weight Qualifier</td>
<td>X</td>
<td>ID</td>
<td>1/2</td>
<td>Used</td>
</tr>
</tbody>
</table>

**Description:** Code defining the type of weight

**Code Name**

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>E</td>
<td>Estimated Net Weight</td>
</tr>
<tr>
<td>G</td>
<td>Gross Weight</td>
</tr>
<tr>
<td>N</td>
<td>Actual Net Weight</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>N705</td>
<td>167</td>
<td>Tare Weight</td>
<td>X</td>
<td>N0</td>
<td>3/8</td>
<td>Used</td>
</tr>
</tbody>
</table>

**Description:** Weight of the equipment

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>N706</td>
<td>232</td>
<td>Weight Allowance</td>
<td>O</td>
<td>N0</td>
<td>2/6</td>
<td>Used</td>
</tr>
</tbody>
</table>

**Description:** Allowance made for increased weight due to such factors as snow

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>N707</td>
<td>205</td>
<td>Dunnage</td>
<td>O</td>
<td>N0</td>
<td>1/6</td>
<td>Used</td>
</tr>
</tbody>
</table>

**Description:** Weight of material used to protect lading (even bracings, false floors, etc.)

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>N710</td>
<td>102</td>
<td>Ownership Code</td>
<td>O</td>
<td>ID</td>
<td>1/1</td>
<td>Used</td>
</tr>
</tbody>
</table>

**Description:** Code indicating the relationship of equipment to carrier or ownership of equipment

**Code Name**

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>L</td>
<td>Railroad Leased</td>
</tr>
<tr>
<td>T</td>
<td>Trip Leased</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>N711</td>
<td>40</td>
<td>Equipment Description Code</td>
<td>O</td>
<td>ID</td>
<td>2/2</td>
<td>Used</td>
</tr>
</tbody>
</table>

**Description:** Code identifying type of equipment used for shipment

**Code Name**

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>BG</td>
<td>Bogie</td>
</tr>
<tr>
<td>CA</td>
<td>Caboose</td>
</tr>
<tr>
<td>CC</td>
<td>Container resting on a Chassis</td>
</tr>
<tr>
<td>CH</td>
<td>Chassis</td>
</tr>
<tr>
<td>CM</td>
<td>Container, Open-Sided</td>
</tr>
<tr>
<td>CN</td>
<td>Container</td>
</tr>
<tr>
<td>CX</td>
<td>Container, Tank</td>
</tr>
<tr>
<td>CZ</td>
<td>Refrigerated Container</td>
</tr>
<tr>
<td>GS</td>
<td>Generator Set</td>
</tr>
<tr>
<td>ID</td>
<td>Idler Car</td>
</tr>
<tr>
<td>Field</td>
<td>Description</td>
</tr>
<tr>
<td>---------</td>
<td>------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>N712</td>
<td>Standard Carrier Alpha Code</td>
</tr>
<tr>
<td>N713</td>
<td>Temperature Control</td>
</tr>
<tr>
<td>N714</td>
<td>Position</td>
</tr>
<tr>
<td>N715</td>
<td>Equipment Length</td>
</tr>
<tr>
<td>N716</td>
<td>Tare Qualifier Code</td>
</tr>
<tr>
<td>N718</td>
<td>Equipment Number Check Digit</td>
</tr>
<tr>
<td>N720</td>
<td>Height</td>
</tr>
<tr>
<td>N721</td>
<td>Width</td>
</tr>
<tr>
<td>N722</td>
<td>Equipment Type</td>
</tr>
<tr>
<td>N723</td>
<td>Standard Carrier Alpha Code</td>
</tr>
<tr>
<td>N724</td>
<td>Car Type Code</td>
</tr>
</tbody>
</table>

**Syntax Rules:**
1. P0304 - If either N703 or N704 is present, then the other is required.
2. P0516 - If either N705 or N716 is present, then the other is required.
3. P0809 - If either N708 or N709 is present, then the other is required.

**Semantics:**
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.
**EM**

**Equipment Characteristics**

**User Option (Usage):** Used  
**Purpose:** To send additional information regarding a specific piece of equipment

**Element Summary:**

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>EM01</td>
<td>188</td>
<td>Weight Unit Code</td>
<td>X</td>
<td>ID</td>
<td>1/1</td>
<td>Used</td>
</tr>
</tbody>
</table>
|     |     | **Description:** Code specifying the weight unit  
|     |     | **All valid standard codes are used.**  
| EM02| 81 | Weight                | O   | R    | 1/10    | Used      |
|     |     | **Description:** Numeric value of weight  
| EM03| 184| Volume Unit Qualifier | X   | ID   | 1/1     | Used      |
|     |     | **Description:** Code identifying the volume unit  
|     |     | **All valid standard codes are used.**  
| EM04| 183| Volume                | O   | R    | 1/8     | Used      |
|     |     | **Description:** Value of volumetric measure  
| EM05| 26 | Country Code          | O   | ID   | 2/3     | Used      |
|     |     | **Description:** Code identifying the country  
| EM06| 1429| Construction Type    | O   | ID   | 1/2     | Used      |
|     |     | **Description:** Contains the primary construction material  
|     |     | **All valid standard codes are used.**  
| EM07| 373| Date                  | O   | DT   | 8/8     | Used      |
|     |     | **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

**Syntax Rules:**
1. C0201 - If EM02 is present, then EM01 is required.  
2. C0403 - If EM04 is present, then EM03 is required.

**Semantics:**
1. EM02 is the maximum load weight.  
2. EM04 is the maximum load volume.  
3. EM05 is the country of manufacture.  
4. EM07 is the last inspection date for convention of safe container.
## Loop VC

**User Option (Usage):** Used  
**Purpose:** To define motor vehicle identification and logistics

### Loop Summary:

<table>
<thead>
<tr>
<th>Pos</th>
<th>Id</th>
<th>Segment Name</th>
<th>Req</th>
<th>Max Use</th>
<th>Repeat</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>0900</td>
<td>VC</td>
<td>Motor Vehicle Control</td>
<td>O</td>
<td>1</td>
<td></td>
<td>Used</td>
</tr>
<tr>
<td>0920</td>
<td></td>
<td>Loop N1</td>
<td>O</td>
<td>2</td>
<td></td>
<td>Used</td>
</tr>
</tbody>
</table>
VC

Motor Vehicle Control

User Option (Usage): Used

Purpose: To define motor vehicle identification and logistics

Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>VC01</td>
<td>539</td>
<td>Vehicle Identification Number</td>
<td>M</td>
<td>AN</td>
<td>1/30</td>
<td>Must use</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Unique identification number stamped on the vehicle by the manufacturer</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>VC02</td>
<td>836</td>
<td>Vehicle Deck Position Code</td>
<td>O</td>
<td>ID</td>
<td>2/2</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Code to identify the specific position of a vehicle on multi-level equipment; when dealing with rail cars the front end will be defined as that end of the rail car which the vehicle faces. All valid standard codes are used.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>VC03</td>
<td>837</td>
<td>Vehicle Type Code</td>
<td>O</td>
<td>ID</td>
<td>1/1</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Vehicle Type Code for freight rate and claims purposes</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Code</strong></td>
<td><strong>Name</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1</td>
<td>Automobile</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>2</td>
<td>Truck</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>3</td>
<td>Others</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>4</td>
<td>Used Vehicles</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>5</td>
<td>Military</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>VC04</td>
<td>838</td>
<td>Dealer Code</td>
<td>O</td>
<td>AN</td>
<td>2/9</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> A code assigned by a manufacturer to identify their dealers</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>VC05</td>
<td>1</td>
<td>Route Code</td>
<td>O</td>
<td>AN</td>
<td>1/13</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Mutually defined route code</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>VC10</td>
<td>583</td>
<td>Factory Car Order Number</td>
<td>O</td>
<td>AN</td>
<td>6/10</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> This number to be supplied by the shipper for Canadian customer requirements at border points for all finished motor vehicles exported to the United States from Canada</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>VC12</td>
<td>1543</td>
<td>Equipment Orientation Code</td>
<td>O</td>
<td>ID</td>
<td>1/1</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Code indicating the direction the equipment is entrained or the lading is loaded; When used to indicate the lading orientation, direction is defined relative to the equipment on which it is loaded. All valid standard codes are used.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>VC13</td>
<td>310</td>
<td>Location Identifier</td>
<td>O</td>
<td>AN</td>
<td>1/30</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Code which identifies a specific location</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Semantics:

1. VC05 is the automotive manufacturer route code.
2. VC12 is the direction the headlights of the vehicle point.
3. VC13 is the final destination ramp location as assigned by the manufacturer.
**Loop N1**

User Option (Usage): Used  
Purpose: To identify a party by type of organization, name, and code

<table>
<thead>
<tr>
<th>Pos</th>
<th>Id</th>
<th>Segment Name</th>
<th>Req</th>
<th>Max Use</th>
<th>Repeat</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>0920</td>
<td>N1</td>
<td>Party Identification</td>
<td>O</td>
<td>1</td>
<td>Used</td>
<td></td>
</tr>
<tr>
<td>0940</td>
<td>N3</td>
<td>Party Location</td>
<td>O</td>
<td>2</td>
<td>Used</td>
<td></td>
</tr>
<tr>
<td>0960</td>
<td>N4</td>
<td>Geographic Location</td>
<td>O</td>
<td>1</td>
<td>Used</td>
<td></td>
</tr>
<tr>
<td>0980</td>
<td>H3</td>
<td>Special Handling Instructions</td>
<td>O</td>
<td>1</td>
<td>Used</td>
<td></td>
</tr>
</tbody>
</table>
**Party Identification**

**User Option (Usage):** Used  
**Purpose:** To identify a party by type of organization, name, and code

### Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>N101</td>
<td>98</td>
<td><strong>Entity Identifier Code</strong></td>
<td>M</td>
<td>ID</td>
<td>2/3</td>
<td>Must use</td>
</tr>
</tbody>
</table>

**Description:** Code identifying an organizational entity, a physical location, property or an individual.

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>11</td>
<td>Party to be billed (AAR Accounting Rule 11)</td>
</tr>
<tr>
<td>AA</td>
<td>Authority For Shipment</td>
</tr>
<tr>
<td>AD</td>
<td>Party to be advised (Written orders)</td>
</tr>
<tr>
<td>AP</td>
<td>Account of (Origin Party)</td>
</tr>
<tr>
<td>AQ</td>
<td>Account of (Destination Party)</td>
</tr>
<tr>
<td>BN</td>
<td>Beneficial Owner</td>
</tr>
<tr>
<td>BT</td>
<td>Bill-to-Party</td>
</tr>
<tr>
<td>C1</td>
<td>In Care Of Party no. 1</td>
</tr>
<tr>
<td>CB</td>
<td>Customs Broker</td>
</tr>
<tr>
<td>CD</td>
<td>Consignee (To Receive Mail and Small Parcels)</td>
</tr>
<tr>
<td>CH</td>
<td>Chassis Provider</td>
</tr>
<tr>
<td>CN</td>
<td>Consignee</td>
</tr>
<tr>
<td>CV</td>
<td>Converter</td>
</tr>
<tr>
<td>DM</td>
<td>Destination Mail Facility</td>
</tr>
<tr>
<td>DR</td>
<td>Destination Drayman</td>
</tr>
<tr>
<td>FW</td>
<td>Forwarder</td>
</tr>
<tr>
<td>IM</td>
<td>Importer</td>
</tr>
<tr>
<td>MC</td>
<td>Motor Carrier</td>
</tr>
<tr>
<td>N1</td>
<td>Notify Party no. 1</td>
</tr>
<tr>
<td>NC</td>
<td>Cross-Town Switch</td>
</tr>
<tr>
<td>NP</td>
<td>Notify Party for Shipper's Order</td>
</tr>
<tr>
<td>OM</td>
<td>Origin Mail Facility</td>
</tr>
<tr>
<td>OO</td>
<td>Order Of (Shippers Orders) - (Transportation)</td>
</tr>
<tr>
<td>OR</td>
<td>Origin Drayman</td>
</tr>
<tr>
<td>OW</td>
<td>Owner of Property or Unit</td>
</tr>
<tr>
<td>PF</td>
<td>Party to Receive Freight Bill</td>
</tr>
<tr>
<td>PJ</td>
<td>Party to Receive Correspondence</td>
</tr>
<tr>
<td>PU</td>
<td>Party at Pickup Location</td>
</tr>
<tr>
<td>PV</td>
<td>Party performing certification</td>
</tr>
<tr>
<td>R1</td>
<td>Party to Receive Scale Ticket</td>
</tr>
<tr>
<td>RR</td>
<td>Railroad</td>
</tr>
<tr>
<td>SF</td>
<td>Ship From</td>
</tr>
<tr>
<td>SH</td>
<td>Shipper</td>
</tr>
<tr>
<td>SS</td>
<td>Steamship Company</td>
</tr>
<tr>
<td>UC</td>
<td>Ultimate Consignee</td>
</tr>
<tr>
<td>XQ</td>
<td>Canadian Customs Broker</td>
</tr>
<tr>
<td>XR</td>
<td>Mexican Customs Broker</td>
</tr>
<tr>
<td>XU</td>
<td>United States Customs Broker</td>
</tr>
<tr>
<td>ZS</td>
<td>Monitoring Party</td>
</tr>
<tr>
<td>SNP</td>
<td>US Customs &amp; Border Protection Second Notify Party</td>
</tr>
<tr>
<td>N102 93</td>
<td>Name</td>
</tr>
<tr>
<td>---------</td>
<td>------</td>
</tr>
<tr>
<td><strong>Description:</strong> Free-form name</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>N103 66</th>
<th>Identification Code Qualifier</th>
<th>X</th>
<th>ID</th>
<th>1/2</th>
<th>Used</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description:</strong> Code designating the system/method of code structure used for Identification Code (67)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Standard Carrier Alpha Code (SCAC)</td>
</tr>
<tr>
<td>17</td>
<td>Automated Broker Interface (ABI) Routing Code</td>
</tr>
<tr>
<td>AI</td>
<td>Automotive Identifier for Canada Customs</td>
</tr>
<tr>
<td>C5</td>
<td>Customer Identification File</td>
</tr>
<tr>
<td>FI</td>
<td>Federal Taxpayer's Identification Number</td>
</tr>
<tr>
<td>M5</td>
<td>Jurisdiction Code</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>N104 67</th>
<th>Identification Code</th>
<th>X</th>
<th>AN</th>
<th>2/80</th>
<th>Used</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description:</strong> Code identifying a party or other code</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Syntax Rules:**

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

**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.
N3 Party Location

User Option (Usage): Used
Purpose: To specify the location of the named party

Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>N301</td>
<td>166</td>
<td>Address Information</td>
<td>M</td>
<td>AN</td>
<td>1/55</td>
<td>Must use</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Address information</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N302</td>
<td>166</td>
<td>Address Information</td>
<td>O</td>
<td>AN</td>
<td>1/55</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Address information</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
N4  Geographic Location

User Option (Usage): Used
Purpose: To specify the geographic place of the named party

Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>N401</td>
<td>19</td>
<td>City Name</td>
<td>O</td>
<td>AN</td>
<td>2/30</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Free-form text for city name</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N402</td>
<td>156</td>
<td>State or Province Code</td>
<td>X</td>
<td>ID</td>
<td>2/2</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Code (Standard State/Province) as defined by appropriate government agency</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N403</td>
<td>116</td>
<td>Postal Code</td>
<td>O</td>
<td>ID</td>
<td>3/15</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N404</td>
<td>26</td>
<td>Country Code</td>
<td>X</td>
<td>ID</td>
<td>2/3</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Code identifying the country</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Syntax Rules:
1. E0207 - Only one of N402 or N407 may be present.
2. C0605 - If N406 is present, then N405 is required.
3. C0704 - If N407 is present, then N404 is required.

Comments:
1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
H3  

Special Handling Instructions

User Option (Usage): Used
Purpose: To specify special handling instructions in coded or free-form format

Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>H301</td>
<td>152</td>
<td>Special Handling Code</td>
<td>X</td>
<td>ID</td>
<td>2/3</td>
<td>Used</td>
</tr>
</tbody>
</table>

Description: Code specifying special transportation handling instructions

Syntax Rules:
1. E0102 - Only one of H301 or H302 may be present.
IC

Intermodal Chassis Equipment

User Option (Usage): Used
Purpose: To specify the chassis equipment details in terms of identifying numbers, weights, and ownership

Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>IC01</td>
<td>206</td>
<td>Equipment Initial</td>
<td>M</td>
<td>AN</td>
<td>1/4</td>
<td>Must use</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Prefix or alphabetic part of an equipment unit's identifying number</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IC02</td>
<td>207</td>
<td>Equipment Number</td>
<td>M</td>
<td>AN</td>
<td>1/15</td>
<td>Must use</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IC03</td>
<td>167</td>
<td>Tare Weight</td>
<td>X</td>
<td>N0</td>
<td>3/8</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Weight of the equipment</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IC04</td>
<td>571</td>
<td>Tare Qualifier Code</td>
<td>X</td>
<td>ID</td>
<td>1/1</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Code identifying the type of tare All valid standard codes are used.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IC05</td>
<td>140</td>
<td>Standard Carrier Alpha Code</td>
<td>O</td>
<td>ID</td>
<td>2/4</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Standard Carrier Alpha Code</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IC06</td>
<td>567</td>
<td>Equipment Length</td>
<td>O</td>
<td>N0</td>
<td>4/5</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: 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)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IC07</td>
<td>140</td>
<td>Standard Carrier Alpha Code</td>
<td>O</td>
<td>ID</td>
<td>2/4</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Standard Carrier Alpha Code</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IC08</td>
<td>845</td>
<td>Chassis Type</td>
<td>O</td>
<td>ID</td>
<td>2/2</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Code identifying type of chassis All valid standard codes are used.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IC09</td>
<td>761</td>
<td>Equipment Number Check Digit</td>
<td>O</td>
<td>N0</td>
<td>1/1</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Number which designates the check digit applied to a piece of equipment</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Syntax Rules:
1. P0304 - If either IC03 or IC04 is present, then the other is required.

Semantics:
1. IC05 is the chassis owner.
2. IC07 is the equipment lessee.
3. IC09 is the equipment check digit for the equipment number in IC02.
Intermodal Movement Information

User Option (Usage): Used
Purpose: To specify the overall movement of a shipment

Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Reg</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>IM01</td>
<td>533</td>
<td>Water Movement Code</td>
<td>O</td>
<td>ID</td>
<td>1/1</td>
<td>Used</td>
</tr>
</tbody>
</table>
|     |     | Description: Code indicating type of water movement
|     |     | All valid standard codes are used. |
| IM02| 152 | Special Handling Code      | O   | ID   | 2/3     | Used   |
|     |     | Description: Code specifying special transportation handling instructions
|     |     | All valid standard codes are used. |
| IM03| 534 | Inland Transportation Code | O   | ID   | 2/2     | Used   |
|     |     | Description: Code identifying inland transportation operations and movements
|     |     | All valid standard codes are used. |

Semantics:
1. IM03 is required if IM02 is "IP" or "XP".
In-bond Identifying Information

User Option (Usage): Used
Purpose: To transmit in-bond information

Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>M1201</td>
<td>581</td>
<td>Customs Entry Type Code</td>
<td>M</td>
<td>ID</td>
<td>2/2</td>
<td>Must use</td>
</tr>
<tr>
<td>M1202</td>
<td>601</td>
<td>Customs Entry Number</td>
<td>X</td>
<td>AN</td>
<td>1/15</td>
<td>Used</td>
</tr>
<tr>
<td>M1203</td>
<td>310</td>
<td>Location Identifier</td>
<td>O</td>
<td>AN</td>
<td>1/30</td>
<td>Used</td>
</tr>
<tr>
<td>M1204</td>
<td>310</td>
<td>Location Identifier</td>
<td>O</td>
<td>AN</td>
<td>1/30</td>
<td>Used</td>
</tr>
<tr>
<td>M1205</td>
<td>602</td>
<td>Customs Shipment Value</td>
<td>O</td>
<td>AN</td>
<td>2/8</td>
<td>Used</td>
</tr>
<tr>
<td>M1206</td>
<td>603</td>
<td>In-bond Control Number</td>
<td>X</td>
<td>AN</td>
<td>1/25</td>
<td>Used</td>
</tr>
<tr>
<td>M1208</td>
<td>128</td>
<td>Reference Identification Qualifier</td>
<td>X</td>
<td>ID</td>
<td>2/3</td>
<td>Used</td>
</tr>
<tr>
<td>M1209</td>
<td>127</td>
<td>Reference Identification</td>
<td>X</td>
<td>AN</td>
<td>1/80</td>
<td>Used</td>
</tr>
<tr>
<td>M1210</td>
<td>91</td>
<td>Transportation Method/Type Code</td>
<td>X</td>
<td>ID</td>
<td>1/2</td>
<td>Used</td>
</tr>
<tr>
<td>M1211</td>
<td>182</td>
<td>Vessel Name</td>
<td>X</td>
<td>AN</td>
<td>2/28</td>
<td>Used</td>
</tr>
</tbody>
</table>

Syntax Rules:
1. E0206 - Only one of M1202 or M1206 may be present.
2. C0608 - If M1206 is present, then M1208 is required.
3. P0809 - If either M1208 or M1209 is present, then the other is required.
4. P1011 - If either M1210 or M1211 is present, then the other is required.

Semantics:
1. M1203 is a four-digit numeric census schedule D when identifying a U.S. port, and a three-digit numeric...
memorandum D when identifying a Canadian port. It is the port of destination if M1201 is "61". It is the port of export if M1201 is "62" or "63".

2. M1204 is five-digit numeric census schedule K. It is the foreign port of destination if M1201 is "62" or "63".

3. M1207 identifies the carrier to whom liability is transferred.

4. M1212 is the Food and Drug Administration prior notification requirement indicator. A "Y" indicates that the shipper has advised the commodity is subject to the prior notification requirement. An "N" indicates the commodity is not subject to the prior notification requirement. If blank the default value is "N".

5. M1213 is the estimated date of departure of the in-bond shipment from the U.S.

6. M1214 is the FIRMS (Facilities Information Resources Management System) code of the location of the in-bond shipment.

Comments:

1. If M1202 does not contain the paperless entry number, then M1206 is required.

2. M1205 is the value in whole dollars of the in-bond movement. Use twenty dollars per kilo if value is unknown.
# G4 Scale Identification

**User Option (Usage):** Used  
**Purpose:** To identify the scale type and the location and time a shipment is weighed

## Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>G401</td>
<td>19</td>
<td>City Name</td>
<td>M</td>
<td>AN</td>
<td>2/30</td>
<td>Must use</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Free-form text for city name</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>G402</td>
<td>156</td>
<td>State or Province Code</td>
<td>M</td>
<td>ID</td>
<td>2/2</td>
<td>Must use</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Code (Standard State/Province) as defined by appropriate government agency</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>G403</td>
<td>93</td>
<td>Name</td>
<td>O</td>
<td>AN</td>
<td>1/60</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Free-form name</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>G404</td>
<td>373</td>
<td>Date</td>
<td>M</td>
<td>DT</td>
<td>8/8</td>
<td>Must use</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>G405</td>
<td>337</td>
<td>Time</td>
<td>O</td>
<td>TM</td>
<td>4/8</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSDD, 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)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>G406</td>
<td>570</td>
<td>Scale Type Code</td>
<td>O</td>
<td>ID</td>
<td>1/1</td>
<td>Used</td>
</tr>
</tbody>
</table>
|     |      | **Description:** Code identifying the type of scale  
**All valid standard codes are used.** |

## Semantics:

1. G403 is the scaling company's name.  
2. G404 is the event date.  
3. G405 is the event time.
M7 Seal Numbers

User Option (Usage): Used

Purpose: To record seal numbers used and the organization that applied the seals

Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>M701</td>
<td>225</td>
<td>Seal Number</td>
<td>M</td>
<td>AN</td>
<td>2/15</td>
<td>Must use</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Unique number on seal used to close a shipment</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M702</td>
<td>225</td>
<td>Seal Number</td>
<td>O</td>
<td>AN</td>
<td>2/15</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Unique number on seal used to close a shipment</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M703</td>
<td>225</td>
<td>Seal Number</td>
<td>O</td>
<td>AN</td>
<td>2/15</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Unique number on seal used to close a shipment</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M704</td>
<td>225</td>
<td>Seal Number</td>
<td>O</td>
<td>AN</td>
<td>2/15</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Unique number on seal used to close a shipment</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Comments:
1. M705 indicates the name of the organization which applied the seal(s).
N5  

**Equipment Ordered**

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>N501</td>
<td>567</td>
<td>Equipment Length</td>
<td>O</td>
<td>N0</td>
<td>4/5</td>
<td>Used</td>
</tr>
<tr>
<td>N502</td>
<td>233</td>
<td>Weight Capacity</td>
<td>O</td>
<td>N0</td>
<td>2/3</td>
<td>Used</td>
</tr>
<tr>
<td>N503</td>
<td>203</td>
<td>Cubic Capacity</td>
<td>O</td>
<td>N0</td>
<td>2/5</td>
<td>Used</td>
</tr>
<tr>
<td>N504</td>
<td>301</td>
<td>Car Type Code</td>
<td>O</td>
<td>ID</td>
<td>1/4</td>
<td>Used</td>
</tr>
<tr>
<td>N506</td>
<td>65</td>
<td>Height</td>
<td>O</td>
<td>R</td>
<td>1/8</td>
<td>Used</td>
</tr>
</tbody>
</table>

**User Option (Usage):** Used  
**Purpose:** To specify carrier equipment  

**Element Summary:**

- **Equipment Length**
  - **Description:** 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)

- **Weight Capacity**
  - **Description:** Capacity of car ordered (stated in 1000 pound units or 1000 kilogram units)

- **Cubic Capacity**
  - **Description:** Capacity of car ordered (cubic feet unless otherwise specified)

- **Car Type Code**
  - **Description:** Code specifying type of rail car or intermodal equipment type and its general characteristics

- **Height**
  - **Description:** Vertical dimension of an object measured when the object is in the upright position

**Syntax Rules:**
1. P0708 - If either N507 or N508 is present, then the other is required.

**Comments:**
1. N506 is expressed in inches.
**Loop E1**

**User Option (Usage):** Used  
**Purpose:** To identify the party receiving the empty car

**Loop Summary:**

<table>
<thead>
<tr>
<th>Pos</th>
<th>Id</th>
<th>Segment Name</th>
<th>Req</th>
<th>Max Use</th>
<th>Repeat</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1610</td>
<td>E1</td>
<td>Empty Car Disposition - Pended Destination Consignee</td>
<td>O</td>
<td>1</td>
<td></td>
<td>Used</td>
</tr>
<tr>
<td>1620</td>
<td>E4</td>
<td>Empty Car Disposition - Pended Destination City</td>
<td>O</td>
<td>1</td>
<td></td>
<td>Used</td>
</tr>
<tr>
<td>1630</td>
<td>E5</td>
<td>Empty Car Disposition - Pended Destination Route</td>
<td>O</td>
<td>13</td>
<td></td>
<td>Used</td>
</tr>
<tr>
<td>1640</td>
<td>PI</td>
<td>Price Authority Identification</td>
<td>O</td>
<td>1</td>
<td></td>
<td>Used</td>
</tr>
</tbody>
</table>
### E1 Empty Car Disposition - Pended Destination Consignee

<table>
<thead>
<tr>
<th>User Option (Usage):</th>
<th>Used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purpose:</td>
<td>To identify the party receiving the empty car</td>
</tr>
</tbody>
</table>

### Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Reg</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>E101</td>
<td>93</td>
<td>Name</td>
<td>M</td>
<td>AN</td>
<td>1/60</td>
<td>Must use</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Free-form name</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E102</td>
<td>66</td>
<td>Identification Code Qualifier</td>
<td>X</td>
<td>ID</td>
<td>1/2</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Code designating the system/method of code structure used for Identification Code (67)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Code</td>
<td>C5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Name</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Customer Identification File</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E103</td>
<td>67</td>
<td>Identification Code</td>
<td>X</td>
<td>AN</td>
<td>2/80</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Code identifying a party or other code</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Syntax Rules:

1. P0203 - If either E102 or E103 is present, then the other is required.
# E4 Empty Car Disposition - Pended Destination City

**User Option (Usage):** Used  
**Purpose:** To specify the geographic place of named party receiving the empty car

**Element Summary:**

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>E401</td>
<td>19</td>
<td>City Name</td>
<td>M</td>
<td>AN</td>
<td>2/30</td>
<td>Must use</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Free-form text for city name</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E402</td>
<td>156</td>
<td>State or Province Code</td>
<td>M</td>
<td>ID</td>
<td>2/2</td>
<td>Must use</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Code (Standard State/Province) as defined by appropriate government agency</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E403</td>
<td>116</td>
<td>Postal Code</td>
<td>O</td>
<td>ID</td>
<td>3/15</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Code defining international postal zone code excluding punctuation and blanks (zip code for United States)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E404</td>
<td>26</td>
<td>Country Code</td>
<td>O</td>
<td>ID</td>
<td>2/3</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Code identifying the country</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E405</td>
<td>166</td>
<td>Address Information</td>
<td>O</td>
<td>AN</td>
<td>1/55</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Address information</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Empty Car Disposition - Pended Destination Route

User Option (Usage): Used
Purpose: To specify the routing of the empty car

Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>E501</td>
<td>140</td>
<td>Standard Carrier Alpha Code</td>
<td>M</td>
<td>ID</td>
<td>2/4</td>
<td>Must use</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Standard Carrier Alpha Code</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E502</td>
<td>133</td>
<td>Routing Sequence Code</td>
<td>M</td>
<td>ID</td>
<td>1/2</td>
<td>Must use</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Code describing the relationship of a carrier to a specific shipment movement</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Code</td>
<td>Name</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>1st Carrier after Origin Carrier</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>2nd Carrier after Origin Carrier</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>3rd Carrier after Origin Carrier</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>4th Carrier after Origin Carrier</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>5th Carrier after Origin Carrier</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>6</td>
<td>6th Carrier after Origin Carrier</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>7</td>
<td>7th Carrier after Origin Carrier</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>8th Carrier after Origin Carrier</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>9</td>
<td>9th Carrier after Origin Carrier</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>A</td>
<td>Origin Carrier, Agent's Routing (Rail)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>D</td>
<td>DELY (Delivery Switch Carrier)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>I</td>
<td>Origin Switch Carrier</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>R</td>
<td>Origin Carrier, Rule 11 Shipment</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>S</td>
<td>Origin Carrier, Shipper's Routing (Rail)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>V</td>
<td>Intermediate Switch Carrier</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>JD</td>
<td>Junction Settlement Carrier Following (Destination carrier receiving revenues resulting from junction contract)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>JO</td>
<td>Junction Settlement Carrier Predecessor (Origin carrier receiving revenues resulting from junction contract)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E503</td>
<td>19</td>
<td>City Name</td>
<td>O</td>
<td>AN</td>
<td>2/30</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Free-form text for city name</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E504</td>
<td>154</td>
<td>Standard Point Location Code</td>
<td>O</td>
<td>ID</td>
<td>6/9</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Code (Standard Point Location) defined by National Motor Freight Tariff Association (NMFTA) or the Canadian Transportation Agency (CTA) point development group as the official code assigned to a city or point (for ratemaking purposes) within a city</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## Price Authority Identification

**User Option (Usage):** Used  
**Purpose:** To communicate basis of pricing, such as contract number, quote number, or tariff number

### Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>PI01</td>
<td>128</td>
<td>Reference Identification Qualifier</td>
<td>M</td>
<td>ID</td>
<td>2/3</td>
<td>Must use</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Code qualifying the Reference Identification</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Code</strong></td>
<td><strong>Name</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>CT</td>
<td>Contract Number</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>PR</td>
<td>Price Quote Number</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>TS</td>
<td>Tariff Number</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PI02</td>
<td>127</td>
<td>Reference Identification</td>
<td>M</td>
<td>AN</td>
<td>1/80</td>
<td>Must use</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PI03</td>
<td>436</td>
<td>Primary Publication Authority Code</td>
<td>O</td>
<td>ID</td>
<td>2/2</td>
<td>Used</td>
</tr>
</tbody>
</table>
|     |    | **Description:** Code indicating type of external reference  
|     |    | **All valid standard codes are used.** |
| PI04| 930| Regulatory Agency Code                 | O   | ID   | 3/5     | Used           |
|     |    | **Description:** Code relating to the regulatory agency governing the price reference |
| PI05| 168| Tariff Agency Code                     | O   | ID   | 1/4     | Used           |
|     |    | **Description:** Code defining the tariff bureau or tariff publishing agent that governs the rates applied to this shipment |
| PI06| 965| Issuing Carrier Identifier             | O   | AN   | 1/10    | Used           |
|     |    | **Description:** Identification assigned by issuing carrier |
| PI07| 660| Contract Suffix                        | O   | AN   | 1/2     | Used           |
|     |    | **Description:** Used to identify a type of contract |
| PI08| 169| Tariff Item Number                    | O   | AN   | 1/16    | Used           |
|     |    | **Description:** Number assigned in the tariff to specific rate or group of rates that applies to one or more items in the shipment |
| PI09| 173| Tariff Supplement Identifier           | O   | AN   | 1/4     | Used           |
|     |    | **Description:** Identifier for the tariff supplement which contains the rate used |
| PI10| 172| Tariff Section Number                 | O   | AN   | 1/2     | Used           |
|     |    | **Description:** Number used as an extension of the basic tariff number to identify the rates published within specific sections of the tariff |
| PI11| 660| Contract Suffix                        | O   | AN   | 1/2     | Used           |
|     |    | **Description:** Used to identify a type of contract |
| PI12| 373| Date                                  | O   | DT   | 8/8     | Used           |
|     |    | **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year |
| PI13| 373| Date                                  | O   | DT   | 8/8     | Used           |
**Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

PI14 629  **Alternation Precedence Code**

**Description:** Code identifying the priority of rate application when two or more rates apply to a given movement; if rate application includes two or more rates of the same value for this element, individual carrier rules and procedures shall govern

All valid standard codes are used.

PI15 629  **Alternation Precedence Code**

**Description:** Code identifying the priority of rate application when two or more rates apply to a given movement; if rate application includes two or more rates of the same value for this element, individual carrier rules and procedures shall govern

All valid standard codes are used.

PI16 284  **Service Level Code**

**Description:** Code indicating the level of transportation service or the billing service offered by the transportation carrier

All valid standard codes are used.

**Semantics:**

1. PI07 is the price authority suffix for the contract.
2. PI08 is the price authority item number.
3. PI09 is the price authority supplement.
4. PI10 is the price authority section number.
5. PI11 is the price authority suffix for tariff.
6. PI12 is the effective date.
7. PI13 is the expiration date.
User Option (Usage): Used
Purpose: To transmit the transportation and distribution requirements of grain at Canadian ports

Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>GA01</td>
<td>1275</td>
<td>Fumigated/Cleaned Indicator</td>
<td>O</td>
<td>ID</td>
<td>1/1</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Code indicating whether product has been fumigated and/or cleaned All valid standard codes are used.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GA02</td>
<td>22</td>
<td>Commodity Code</td>
<td>O</td>
<td>AN</td>
<td>1/30</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Code describing a commodity or group of commodities</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GA03</td>
<td>1576</td>
<td>Inspected/Weighed Indicator Code</td>
<td>O</td>
<td>ID</td>
<td>1/2</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Code indicating whether product has been inspected and/or weighed All valid standard codes are used.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GA04</td>
<td>128</td>
<td>Reference Identification Qualifier</td>
<td>X</td>
<td>ID</td>
<td>2/3</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Code qualifying the Reference Identification</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>BO</td>
<td>Bin Location Number</td>
</tr>
<tr>
<td>CW</td>
<td>Canadian Wheat Board Permit Number</td>
</tr>
<tr>
<td>DK</td>
<td>Dock Number</td>
</tr>
<tr>
<td>EP</td>
<td>Export Permit Number</td>
</tr>
<tr>
<td>GB</td>
<td>Grain Block Number</td>
</tr>
<tr>
<td>GR</td>
<td>Grain Order Reference Number</td>
</tr>
<tr>
<td>OH</td>
<td>Origin House</td>
</tr>
<tr>
<td>PN</td>
<td>Permit Number</td>
</tr>
<tr>
<td>RB</td>
<td>Rate code number</td>
</tr>
<tr>
<td>RN</td>
<td>Run Number</td>
</tr>
<tr>
<td>XO</td>
<td>Sample Number</td>
</tr>
<tr>
<td>ZT</td>
<td>Milling in Transit</td>
</tr>
</tbody>
</table>

| GA05| 127 | Reference Identification | X   | AN  | 1/80  | Used |
|     |     | Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier |
| GA06| 642 | Week                      | O   | N0  | 6/6   | Used |
|     |     | Description: Week expressed as year/week (CCYYWW), where week is a number between 01 and 53 inclusive |
| GA07| 899 | Unload Terminal Elevator Code| O   | ID  | 3/4   | Used |
|     |     | Description: Code specifying the unloading terminal elevator at grain exporting terminals |
| GA08| 373 | Date                      | O   | DT  | 8/8   | Used |
|     |     | Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year |
| GA09| 1470| Number                    | O   | N0  | 1/9   | Used |
|     |     | Description: A generic number |
| GA10| 1276| Machine Separable Indicator Code| O   | ID  | 2/2   | Used |
|     |     | Description: Canadian Grain Commission grain code identifying the type of grain that must be
GA11 1277  Canadian Wheat Board (CWB) Marketing Class Code
Description: Code identifying the Canadian Wheat Board market class of the grain
All valid standard codes are used.

GA12 1278  Canadian Wheat Board (CWB) Marketing Class Type Code
Description: Code identifying Canadian Wheat Board market class type
All valid standard codes are used.

GA13 1073  Yes/No Condition or Response Code
Description: Code indicating a Yes or No condition or response

Code   Name
N       No
Y       Yes

GA14 310   Location Identifier
Description: Code which identifies a specific location

GA15 156   State or Province Code
Description: Code (Standard State/Province) as defined by appropriate government agency

GA16 1004  Percent Qualifier
Description: Code to qualify percent

Code   Name
SD      Moisture Content
SE      Protein Content
SF      Percent Dockage
SG      Test Weight

GA17 954   Percentage as Decimal
Description: Percentage expressed as a decimal (e.g., 0.0 through 1.0 represents 0% through 100%)

Syntax Rules:
1. P0405 - If either GA04 or GA05 is present, then the other is required.
2. P1415 - If either GA14 or GA15 is present, then the other is required.
3. P1617 - If either GA16 or GA17 is present, then the other is required.

Semantics:
1. GA02 is required on the first occurrence of the segment and for each new occurrence of a different commodity code.
2. GA06 is used for crop week.
3. GA08 is used for the unload date.
4. GA09 will contain the number of cars being claimed for incentive rate.
5. If GA13 is equal to "Y" then this is a direct hit to departure wharf for vessel loading. If "N" this is to be unloaded at terminal and GA14 is required to identify the terminal or staging area prior to vessel loading.
6. GA14 is the terminal or staging area name.
7. GA18 indicates whether a Canadian Wheat Board Performance car is involved. If GA18 is equal to "Y", then this indicates a Performance Car is involved. If GA18 is equal to "N" a Performance car is not involved. The default value is "N" if absent.

Comments:
1. GA02 contains the Canadian Grain Commission Commodity Code for terminal elevator accounting.
2. GA05 is used for grain block number.
### Loop REF

**User Option (Usage):** Used  
**Purpose:** To specify identifying information

#### Loop Summary:

<table>
<thead>
<tr>
<th>Pos</th>
<th>Id</th>
<th>Segment Name</th>
<th>Req</th>
<th>Max Use</th>
<th>Repeat</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1670</td>
<td>REF</td>
<td>Reference Information</td>
<td>O</td>
<td>1</td>
<td></td>
<td>Used</td>
</tr>
<tr>
<td>1675</td>
<td>N9</td>
<td>Extended Reference Information</td>
<td>O</td>
<td>10</td>
<td></td>
<td>Used</td>
</tr>
<tr>
<td>1680</td>
<td>N10</td>
<td>Quantity and Description</td>
<td>O</td>
<td>15</td>
<td></td>
<td>Used</td>
</tr>
<tr>
<td>1690</td>
<td>Loop N1</td>
<td></td>
<td>O</td>
<td>5</td>
<td></td>
<td>Used</td>
</tr>
</tbody>
</table>
### Reference Information

**User Option (Usage):** Used  
**Purpose:** To specify identifying information

**Element Summary:**

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>REF01</td>
<td>128</td>
<td>Reference Identification Qualifier</td>
<td>M</td>
<td>ID</td>
<td>2/3</td>
<td>Must use</td>
</tr>
</tbody>
</table>

**Description:** Code qualifying the Reference Identification

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>94</td>
<td>File Identification Number</td>
</tr>
<tr>
<td>OB</td>
<td>Ocean Bill of Lading</td>
</tr>
<tr>
<td>XC</td>
<td>Cargo Control Number</td>
</tr>
<tr>
<td>XP</td>
<td>Previous Cargo Control Number</td>
</tr>
<tr>
<td>CUB</td>
<td>U.S. Customs Service (USCS) Bill of Lading Number</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>REF02</td>
<td>127</td>
<td>Reference Identification</td>
<td>X</td>
<td>AN</td>
<td>1/80</td>
<td>Used</td>
</tr>
</tbody>
</table>

**Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

**Syntax Rules:**
1. R0203 - At least one of REF02 or REF03 is required.

**Semantics:**
1. REF04 contains data relating to the value cited in REF02.
Extended Reference Information

User Option (Usage): Used
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>N901</td>
<td>128</td>
<td>Reference Identification Qualifier</td>
<td>M</td>
<td>ID</td>
<td>2/3</td>
<td>Must use</td>
</tr>
</tbody>
</table>

Description: Code qualifying the Reference Identification

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>XC</td>
<td>Cargo Control Number</td>
</tr>
<tr>
<td>XP</td>
<td>Previous Cargo Control Number</td>
</tr>
<tr>
<td>CUB</td>
<td>U.S. Customs Service (USCS) Bill of Lading Number</td>
</tr>
</tbody>
</table>

Syntax Rules:
1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

Semantics:
1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.
# N10 Quantity and Description

**User Option (Usage):** Used  
**Purpose:** To indicate line item quantity, description, marks and numbers, commodity code, weight, and customs value

## Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Reg</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>N1001</td>
<td>380</td>
<td>Quantity</td>
<td>O</td>
<td>R</td>
<td>1/15</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Numeric value of quantity</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N1002</td>
<td>369</td>
<td>Free-form Description</td>
<td>O</td>
<td>AN</td>
<td>1/45</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Free-form descriptive text</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N1003</td>
<td>87</td>
<td>Marks and Numbers</td>
<td>O</td>
<td>AN</td>
<td>1/48</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Marks and numbers used to identify a shipment or parts of a shipment</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N1004</td>
<td>23</td>
<td>Commodity Code Qualifier</td>
<td>X</td>
<td>ID</td>
<td>1/1</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Code identifying the commodity coding system used for Commodity Code</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Code</td>
<td>Name</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>J</td>
<td>Harmonized System-Based Schedule B</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N1005</td>
<td>22</td>
<td>Commodity Code</td>
<td>X</td>
<td>AN</td>
<td>1/30</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Code describing a commodity or group of commodities</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N1006</td>
<td>602</td>
<td>Customs Shipment Value</td>
<td>X</td>
<td>AN</td>
<td>2/8</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Customs value in whole dollars</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N1007</td>
<td>188</td>
<td>Weight Unit Code</td>
<td>X</td>
<td>ID</td>
<td>1/1</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Code specifying the weight unit</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Code</td>
<td>Name</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>K</td>
<td>Kilograms</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>L</td>
<td>Pounds</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N1008</td>
<td>81</td>
<td>Weight</td>
<td>X</td>
<td>R</td>
<td>1/10</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Numeric value of weight</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N1009</td>
<td>127</td>
<td>Reference Identification</td>
<td>O</td>
<td>AN</td>
<td>1/80</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N1010</td>
<td>599</td>
<td>Manifest Unit Code</td>
<td>O</td>
<td>ID</td>
<td>1/3</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Code defining the smallest package unit for the bill of lading</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N1011</td>
<td>26</td>
<td>Country Code</td>
<td>O</td>
<td>ID</td>
<td>2/3</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Code identifying the country</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N1012</td>
<td>26</td>
<td>Country Code</td>
<td>O</td>
<td>ID</td>
<td>2/3</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Code identifying the country</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N1013</td>
<td>100</td>
<td>Currency Code</td>
<td>O</td>
<td>ID</td>
<td>3/3</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Code (Standard ISO) for country in whose currency the charges are specified</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Syntax Rules:
1. P0405 - If either N1004 or N1005 is present, then the other is required.
2. P0708 - If either N1007 or N1008 is present, then the other is required.
3. C1306 - If N1013 is present, then N1006 is required.

Semantics:
1. If N1013 is not used, the default currency of N1006 is USD (US Dollar).
2. N1009 is the U.S. Customs bar code number for line release.
3. N1011 is the country of the manufacturer of the goods.
4. N1012 is the country of the final destination of the goods.
5. N1013 is the currency of the value of N1006.
## Loop N1

**User Option (Usage):** Used  
**Purpose:** To identify a party by type of organization, name, and code

### Loop Summary:

<table>
<thead>
<tr>
<th>Pos</th>
<th>Id</th>
<th>Segment Name</th>
<th>Req</th>
<th>Max Use</th>
<th>Repeat</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1690</td>
<td>N1</td>
<td>Party Identification</td>
<td>O</td>
<td>1</td>
<td>-</td>
<td>Used</td>
</tr>
<tr>
<td>1700</td>
<td>N3</td>
<td>Party Location</td>
<td>O</td>
<td>1</td>
<td>-</td>
<td>Used</td>
</tr>
<tr>
<td>1720</td>
<td>N4</td>
<td>Geographic Location</td>
<td>O</td>
<td>1</td>
<td>-</td>
<td>Used</td>
</tr>
</tbody>
</table>
N1 Party Identification

User Option (Usage): Used
Purpose: To identify a party by type of organization, name, and code

Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>N101</td>
<td>98</td>
<td>Entity Identifier Code</td>
<td>M</td>
<td>ID</td>
<td>2/3</td>
<td>Must use</td>
</tr>
</tbody>
</table>

Description: Code identifying an organizational entity, a physical location, property or an individual

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>BN</td>
<td>Beneficial Owner</td>
</tr>
<tr>
<td>C1</td>
<td>In Care Of Party no. 1</td>
</tr>
<tr>
<td>CB</td>
<td>Customs Broker</td>
</tr>
<tr>
<td>CD</td>
<td>Consignee (To Receive Mail and Small Parcels)</td>
</tr>
<tr>
<td>CN</td>
<td>Consignee</td>
</tr>
<tr>
<td>IM</td>
<td>Importer</td>
</tr>
<tr>
<td>N1</td>
<td>Notify Party no. 1</td>
</tr>
<tr>
<td>N2</td>
<td>Notify Party no. 2</td>
</tr>
<tr>
<td>OO</td>
<td>Order Of (Shippers Orders) - (Transportation)</td>
</tr>
<tr>
<td>SF</td>
<td>Ship From</td>
</tr>
<tr>
<td>SH</td>
<td>Shipper</td>
</tr>
<tr>
<td>UC</td>
<td>Ultimate Consignee</td>
</tr>
<tr>
<td>XQ</td>
<td>Canadian Customs Broker</td>
</tr>
<tr>
<td>XR</td>
<td>Mexican Customs Broker</td>
</tr>
<tr>
<td>XU</td>
<td>United States Customs Broker</td>
</tr>
<tr>
<td>SNP</td>
<td>US Customs &amp; Border Protection Second Notify Party</td>
</tr>
</tbody>
</table>

N102 93 Name
Description: Free-form name

N103 66 Identification Code Qualifier
Description: Code designating the system/method of code structure used for Identification Code (67)

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Standard Carrier Alpha Code (SCAC)</td>
</tr>
<tr>
<td>C5</td>
<td>Customer Identification File</td>
</tr>
<tr>
<td>FI</td>
<td>Federal Taxpayer's Identification Number</td>
</tr>
</tbody>
</table>

N104 67 Identification Code
Description: Code identifying a party or other code

Syntax Rules:
1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

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.
## N3 Party Location

**User Option (Usage):** Used  
**Purpose:** To specify the location of the named party

**Element Summary:**

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>N301</td>
<td>166</td>
<td>Address Information</td>
<td>M</td>
<td>AN</td>
<td>1/55</td>
<td>Must use</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Address information</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N302</td>
<td>166</td>
<td>Address Information</td>
<td>O</td>
<td>AN</td>
<td>1/55</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Address information</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Geographic Location

**User Option (Usage):** Used  
**Purpose:** To specify the geographic place of the named party

#### Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Reg</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>N401</td>
<td>19</td>
<td>City Name</td>
<td>O</td>
<td>AN</td>
<td>2/30</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Free-form text for city name</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N402</td>
<td>156</td>
<td>State or Province Code</td>
<td>X</td>
<td>ID</td>
<td>2/2</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Code (Standard State/Province) as defined by appropriate government agency</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N403</td>
<td>116</td>
<td>Postal Code</td>
<td>O</td>
<td>ID</td>
<td>3/15</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Code defining international postal zone code excluding punctuation and blanks (zip code for United States)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N404</td>
<td>26</td>
<td>Country Code</td>
<td>X</td>
<td>ID</td>
<td>2/3</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Code identifying the country</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Syntax Rules:

1. E0207 - Only one of N402 or N407 may be present.  
2. C0605 - If N406 is present, then N405 is required.  
3. C0704 - If N407 is present, then N404 is required.

#### Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
### Interchange Move Authority

**User Option (Usage):** Used  
**Purpose:** To identify the transportation interchange authority

#### Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>IMA01</td>
<td>748</td>
<td>Movement Authority Code</td>
<td>M</td>
<td>ID</td>
<td>1/2</td>
<td>Must use</td>
</tr>
</tbody>
</table>

**Description:** Code indicating the interchange authority

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Released From Bad Order</td>
</tr>
<tr>
<td>B</td>
<td>Bad Order Setback</td>
</tr>
<tr>
<td>C</td>
<td>Car Not Weighed</td>
</tr>
<tr>
<td>D</td>
<td>Empty Received as a Load</td>
</tr>
<tr>
<td>E</td>
<td>Embargoed Shipment</td>
</tr>
<tr>
<td>G</td>
<td>Refused by Customer - Unneeded</td>
</tr>
<tr>
<td>I</td>
<td>Interchanged in Error</td>
</tr>
<tr>
<td>L</td>
<td>Not in Compliance With Special Car Order 90 or Special Car Order 100</td>
</tr>
<tr>
<td>N</td>
<td>No Record Rights</td>
</tr>
<tr>
<td>O</td>
<td>Overweight Shipment</td>
</tr>
<tr>
<td>P</td>
<td>Intermediate Switch Carrier</td>
</tr>
<tr>
<td>R</td>
<td>Refused by Customer - Unfit</td>
</tr>
<tr>
<td>S</td>
<td>Car Applied to Shipper Car Order - Place for Loading</td>
</tr>
<tr>
<td>T</td>
<td>Transfer or Adjustment of Lading Car Service Rate 10, Sections 1 &amp; 2</td>
</tr>
<tr>
<td>W</td>
<td>No Waybill</td>
</tr>
<tr>
<td>X</td>
<td>Association of American Railroads Restriction</td>
</tr>
<tr>
<td>DS</td>
<td>Destination Switch Move</td>
</tr>
<tr>
<td>HM</td>
<td>Haulage Movement</td>
</tr>
<tr>
<td>NC</td>
<td>No Clearance</td>
</tr>
<tr>
<td>NU</td>
<td>Not on Universal Machine Language Equipment Register</td>
</tr>
<tr>
<td>OA</td>
<td>Old Age (Over-age)</td>
</tr>
<tr>
<td>OS</td>
<td>Origin Switch Move</td>
</tr>
<tr>
<td>RB</td>
<td>RBOX or RGON Exception</td>
</tr>
</tbody>
</table>

IMA02 140  
**Standard Carrier Alpha Code**  
**Description:** Standard Carrier Alpha Code

IMA03 257  
**Tariff Application Code**  
**Description:** Code indicating to which traffic a tariff applies

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>D</td>
<td>Reciprocal</td>
</tr>
<tr>
<td>E</td>
<td>Intraterminal</td>
</tr>
<tr>
<td>F</td>
<td>Interterminal</td>
</tr>
</tbody>
</table>

IMA04 257  
**Tariff Application Code**  
**Description:** Code indicating to which traffic a tariff applies

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>N</td>
<td>Interstate</td>
</tr>
<tr>
<td>S</td>
<td>Intrastate</td>
</tr>
</tbody>
</table>

### Semantics:
1. IMA02 is the Standard Carrier Alpha Code (SCAC) of entity responsible for the movement authority in the IMA01.
2. IMA03 defines if the associated move is reciprocal, interterminal, or intraterminal.
3. IMA04 defines if the associated move is interstate or intrastate.
N8

Waybill Reference

User Option (Usage): Must use

Purpose: To identify the waybill and to specify the equipment used and the destination details

Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>N801</td>
<td>186</td>
<td>Waybill Number</td>
<td>M</td>
<td>N0</td>
<td>1/6</td>
<td>Must use</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Carrier accounting number of the waybill for the inbound movement</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N802</td>
<td>373</td>
<td>Date</td>
<td>M</td>
<td>DT</td>
<td>8/8</td>
<td>Must use</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N803</td>
<td>231</td>
<td>Cross Reference Type Code</td>
<td>X</td>
<td>ID</td>
<td>1/1</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Code defining relationship of equipment to equipment cross-referenced</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Code</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>A</td>
<td>Additional Equipment for Manifest Billing</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>B</td>
<td>Basket Attached to Chassis (to hold generator set)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>C</td>
<td>Prior Load Credit</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>G</td>
<td>Reference to Lead Equipment for Manifest Billing</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>H</td>
<td>Generator Set</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>K</td>
<td>Clip-on Front-Mounted Generator Unit For Container</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>L</td>
<td>Lead Car</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>M</td>
<td>Mated</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>T</td>
<td>Trailer</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>X</td>
<td>Transfer Load</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N804</td>
<td>206</td>
<td>Equipment Initial</td>
<td>X</td>
<td>AN</td>
<td>1/4</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Prefix or alphabetic part of an equipment unit's identifying number</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N805</td>
<td>207</td>
<td>Equipment Number</td>
<td>X</td>
<td>AN</td>
<td>1/15</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>N806</td>
<td>186</td>
<td>Waybill Number</td>
<td>X</td>
<td>N0</td>
<td>1/6</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Carrier accounting number of the waybill for the inbound movement</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N807</td>
<td>373</td>
<td>Date</td>
<td>X</td>
<td>DT</td>
<td>8/8</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N808</td>
<td>19</td>
<td>City Name</td>
<td>X</td>
<td>AN</td>
<td>2/30</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Free-form text for city name</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N809</td>
<td>156</td>
<td>State or Province Code</td>
<td>X</td>
<td>ID</td>
<td>2/2</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Code (Standard State/Province) as defined by appropriate government agency</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Syntax Rules:
1. P030405 - If either N803, N804 or N805 are present, then the others are required.
2. P0607 - If either N806 or N807 is present, then the other is required.
3. P0809 - If either N808 or N809 is present, then the other is required.
4. P1011 - If either N810 or N811 is present, then the other is required.
Semantics:
1. N802 is the waybill date.
2. N808 is the destination station of movement.
3. N810 will contain destination railroad initial Standard Carrier Alpha Code (SCAC).
4. N811 will contain railroad destination Freight Station Accounting Code (FSAC).

Comments:
1. Waybill type should be transmitted only when the transaction set involves a multiple Car/TOFC/COFC shipment or a conveying flat car. Waybill type should not be sent on a single Car/TOFC/COFC.
2. N807 is the waybill date.
## N8A Additional Reference Information

**User Option (Usage):** Used  
**Purpose:** To identify additional station and waybill or station, or waybill information pertaining to revenue waybill

### Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Reg</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>N8A01</td>
<td>1378</td>
<td>Waybill Cross-Reference Code</td>
<td>O</td>
<td>ID</td>
<td>2/2</td>
<td>Used</td>
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<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Code to cross-reference the type of revenue waybill to a previously submitted waybill</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Code</strong></td>
<td><strong>Name</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>W5</td>
<td>Diversion</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>W6</td>
<td>Error Move</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N8A02</td>
<td>186</td>
<td>Waybill Number</td>
<td>O</td>
<td>N0</td>
<td>1/6</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Carrier accounting number of the waybill for the inbound movement</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N8A03</td>
<td>373</td>
<td>Date</td>
<td>O</td>
<td>DT</td>
<td>8/8</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N8A04</td>
<td>127</td>
<td>Reference Identification</td>
<td>O</td>
<td>AN</td>
<td>1/80</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N8A05</td>
<td>19</td>
<td>City Name</td>
<td>O</td>
<td>AN</td>
<td>2/30</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Free-form text for city name</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N8A06</td>
<td>156</td>
<td>State or Province Code</td>
<td>O</td>
<td>ID</td>
<td>2/2</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Code (Standard State/Province) as defined by appropriate government agency</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N8A07</td>
<td>140</td>
<td>Standard Carrier Alpha Code</td>
<td>O</td>
<td>ID</td>
<td>2/4</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Standard Carrier Alpha Code</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N8A08</td>
<td>573</td>
<td>Freight Station Accounting Code</td>
<td>O</td>
<td>ID</td>
<td>1/5</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Code (Freight Station Accounting) (AAR Managed Code for Locations)</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N8A09</td>
<td>206</td>
<td>Equipment Initial</td>
<td>O</td>
<td>AN</td>
<td>1/4</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Prefix or alphabetic part of an equipment unit's identifying number</td>
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</tr>
<tr>
<td>N8A10</td>
<td>207</td>
<td>Equipment Number</td>
<td>O</td>
<td>AN</td>
<td>1/15</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Semantics:

1. N8A03 is the date of the waybill in N8A02.  
2. N8A04 is the unique revenue reference waybill identification number (URRWIN).  
3. N8A05 and N8A06 identifies the location based on the code in N8A01.  
4. N8A07 and N8A08 identify the carrier associated with the N8A01.
F9

Origin Station

User Option (Usage): Must use
Purpose: To identify the rail origin of the shipment

Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>F901</td>
<td>573</td>
<td>Freight Station Accounting Code</td>
<td>O</td>
<td>ID</td>
<td>1/5</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Code (Freight Station Accounting) (AAR Managed Code for Locations)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>F902</td>
<td>19</td>
<td>City Name</td>
<td>M</td>
<td>AN</td>
<td>2/30</td>
<td>Must use</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Free-form text for city name</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>F903</td>
<td>156</td>
<td>State or Province Code</td>
<td>O</td>
<td>ID</td>
<td>2/2</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Code (Standard State/Province) as defined by appropriate government agency</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>F905</td>
<td>573</td>
<td>Freight Station Accounting Code</td>
<td>O</td>
<td>ID</td>
<td>1/5</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Code (Freight Station Accounting) (AAR Managed Code for Locations)</td>
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<td></td>
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<td></td>
</tr>
<tr>
<td>F906</td>
<td>19</td>
<td>City Name</td>
<td>O</td>
<td>AN</td>
<td>2/30</td>
<td>Used</td>
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<tr>
<td></td>
<td></td>
<td>Description: Free-form text for city name</td>
<td></td>
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</tr>
<tr>
<td>F907</td>
<td>156</td>
<td>State or Province Code</td>
<td>O</td>
<td>ID</td>
<td>2/2</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Code (Standard State/Province) as defined by appropriate government agency</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>F908</td>
<td>154</td>
<td>Standard Point Location Code</td>
<td>O</td>
<td>ID</td>
<td>6/9</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Code (Standard Point Location) defined by National Motor Freight Tariff Association (NMFTA) or the Canadian Transportation Agency (CTA) point development group as the official code assigned to a city or point (for ratemaking purposes) within a city</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>F909</td>
<td>116</td>
<td>Postal Code</td>
<td>O</td>
<td>ID</td>
<td>3/15</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>F910</td>
<td>154</td>
<td>Standard Point Location Code</td>
<td>O</td>
<td>ID</td>
<td>6/9</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Code (Standard Point Location) defined by National Motor Freight Tariff Association (NMFTA) or the Canadian Transportation Agency (CTA) point development group as the official code assigned to a city or point (for ratemaking purposes) within a city</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Semantics:
1. F902 is the origin station for movement.
2. F904 is the country code for the city named in the F902.
3. F905 is the freight station accounting code of the origin junction settlement carrier.
4. F908 is the Standard Point Location Code (SPLC) for the city named in the F902.
5. F909 is the postal code for the city named in the F902.
6. F910 is the Standard Point Location Code (SPLC) for the city named in the F906.
7. F911 is the postal code for the city named in the F906.
8. F912 is the country code for the city named in the F906.

Comments:
1. F905 is the freight station accounting code of the city named in F906.
**D9**

**Destination Station**

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>D901</td>
<td>573</td>
<td>Freight Station Accounting Code</td>
<td>O</td>
<td>ID</td>
<td>1/5</td>
<td>Used</td>
</tr>
</tbody>
</table>

**Description:** Code (Freight Station Accounting) (AAR Managed Code for Locations)

**D902** 19  
**City Name**  
**Description:** Free-form text for city name

**D903** 156  
**State or Province Code**  
**Description:** Code (Standard State/Province) as defined by appropriate government agency

**D905** 573  
**Freight Station Accounting Code**  
**Description:** Code (Freight Station Accounting) (AAR Managed Code for Locations)

**D906** 19  
**City Name**  
**Description:** Free-form text for city name

**D907** 156  
**State or Province Code**  
**Description:** Code (Standard State/Province) as defined by appropriate government agency

**D908** 154  
**Standard Point Location Code**  
**Description:** Code (Standard Point Location) defined by National Motor Freight Tariff Association (NMFTA) or the Canadian Transportation Agency (CTA) point development group as the official code assigned to a city or point (for ratemaking purposes) within a city

**D909** 116  
**Postal Code**  
**Description:** Code defining international postal zone code excluding punctuation and blanks (zip code for United States)

**D910** 154  
**Standard Point Location Code**  
**Description:** Code (Standard Point Location) defined by National Motor Freight Tariff Association (NMFTA) or the Canadian Transportation Agency (CTA) point development group as the official code assigned to a city or point (for ratemaking purposes) within a city

**Semantics:**
1. D902 is the destination station of movement.
2. D904 is the country code for the city named in the D902.
3. D905 is the freight station accounting code of the destination junction settlement carrier.
4. D908 is the Standard Point Location Code (SPLC) for the city named in the D902.
5. D909 is the postal code for the city names in the D902.
6. D910 is the Standard Point Location Code (SPLC) for the city named in the D906.
7. D911 is the postal code for the city named in the D906.
8. D912 is the country code for the city named in the D906.

**Comments:**
1. D905 is the freight station accounting code of the city name in D906.
Loop N1

User Option (Usage): Must use
Purpose: To identify a party by type of organization, name, and code

Loop Summary:

<table>
<thead>
<tr>
<th>Pos</th>
<th>Id</th>
<th>Segment Name</th>
<th>Req</th>
<th>Max Use</th>
<th>Repeat</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>2200</td>
<td>N1</td>
<td>Party Identification</td>
<td>M</td>
<td>1</td>
<td></td>
<td>Must use</td>
</tr>
<tr>
<td>2250</td>
<td>N2</td>
<td>Additional Name Information</td>
<td>O</td>
<td>2</td>
<td></td>
<td>Used</td>
</tr>
<tr>
<td>2300</td>
<td>N3</td>
<td>Party Location</td>
<td>O</td>
<td>2</td>
<td></td>
<td>Used</td>
</tr>
<tr>
<td>2400</td>
<td>N4</td>
<td>Geographic Location</td>
<td>O</td>
<td>1</td>
<td></td>
<td>Used</td>
</tr>
<tr>
<td>2450</td>
<td>REF</td>
<td>Reference Information</td>
<td>O</td>
<td>2</td>
<td></td>
<td>Used</td>
</tr>
<tr>
<td>2500</td>
<td>PER</td>
<td>Administrative Communications Contact</td>
<td>O</td>
<td>2</td>
<td></td>
<td>Used</td>
</tr>
<tr>
<td>2620</td>
<td>BL</td>
<td>Billing Information</td>
<td>O</td>
<td>12</td>
<td></td>
<td>Used</td>
</tr>
</tbody>
</table>
N1 Party Identification

User Option (Usage): Must use
Purpose: To identify a party by type of organization, name, and code

Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>N101</td>
<td>98</td>
<td>Entity Identifier Code</td>
</tr>
</tbody>
</table>

**Description:** Code identifying an organizational entity, a physical location, property or an individual

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>11</td>
<td>Party to be billed (AAR Accounting Rule 11)</td>
</tr>
<tr>
<td>AA</td>
<td>Authority For Shipment</td>
</tr>
<tr>
<td>AD</td>
<td>Party to be advised (Written orders)</td>
</tr>
<tr>
<td>AP</td>
<td>Account of (Origin Party)</td>
</tr>
<tr>
<td>AQ</td>
<td>Account of (Destination Party)</td>
</tr>
<tr>
<td>BN</td>
<td>Beneficial Owner</td>
</tr>
<tr>
<td>BT</td>
<td>Bill-to-Party</td>
</tr>
<tr>
<td>C1</td>
<td>In Care Of Party no. 1</td>
</tr>
<tr>
<td>CB</td>
<td>Customs Broker</td>
</tr>
<tr>
<td>CD</td>
<td>Consignee (To Receive Mail and Small Parcels)</td>
</tr>
<tr>
<td>CH</td>
<td>Chassis Provider</td>
</tr>
<tr>
<td>CN</td>
<td>Consignee</td>
</tr>
<tr>
<td>CV</td>
<td>Converter</td>
</tr>
<tr>
<td>DM</td>
<td>Destination Mail Facility</td>
</tr>
<tr>
<td>DR</td>
<td>Destination Drayman</td>
</tr>
<tr>
<td>FW</td>
<td>Forwarder</td>
</tr>
<tr>
<td>IM</td>
<td>Importer</td>
</tr>
<tr>
<td>MC</td>
<td>Motor Carrier</td>
</tr>
<tr>
<td>N1</td>
<td>Notify Party no. 1</td>
</tr>
<tr>
<td>NC</td>
<td>Cross-Town Switch</td>
</tr>
<tr>
<td>NP</td>
<td>Notify Party for Shipper's Order</td>
</tr>
<tr>
<td>OM</td>
<td>Origin Mail Facility</td>
</tr>
<tr>
<td>OO</td>
<td>Order Of (Shippers Orders) - (Transportation)</td>
</tr>
<tr>
<td>OR</td>
<td>Origin Drayman</td>
</tr>
<tr>
<td>PF</td>
<td>Party to Receive Freight Bill</td>
</tr>
<tr>
<td>PJ</td>
<td>Party to Receive Correspondence</td>
</tr>
<tr>
<td>PU</td>
<td>Party at Pickup Location</td>
</tr>
<tr>
<td>PV</td>
<td>Party performing certification</td>
</tr>
<tr>
<td>R1</td>
<td>Party to Receive Scale Ticket</td>
</tr>
<tr>
<td>RR</td>
<td>Railroad</td>
</tr>
<tr>
<td>SF</td>
<td>Ship From</td>
</tr>
<tr>
<td>SH</td>
<td>Shipper</td>
</tr>
<tr>
<td>SS</td>
<td>Steamship Company</td>
</tr>
<tr>
<td>UC</td>
<td>Ultimate Consignee</td>
</tr>
<tr>
<td>UQ</td>
<td>Subsequent Owner</td>
</tr>
<tr>
<td>XQ</td>
<td>Canadian Customs Broker</td>
</tr>
<tr>
<td>XR</td>
<td>Mexican Customs Broker</td>
</tr>
<tr>
<td>XU</td>
<td>United States Customs Broker</td>
</tr>
<tr>
<td>ZS</td>
<td>Monitoring Party</td>
</tr>
<tr>
<td>SNP</td>
<td>US Customs &amp; Border Protection Second Notify Party</td>
</tr>
</tbody>
</table>

CSX 417.ecs 69
N102 93 Name X AN 1/60 Used
Description: Free-form name

N103 66 Identification Code Qualifier X ID 1/2 Used
Description: Code designating the system/method of code structure used for Identification Code (67)

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Standard Carrier Alpha Code (SCAC)</td>
</tr>
<tr>
<td>17</td>
<td>Automated Broker Interface (ABI) Routing Code</td>
</tr>
<tr>
<td>AI</td>
<td>Automotive Identifier for Canada Customs</td>
</tr>
<tr>
<td>BF</td>
<td>Broker Filer ID</td>
</tr>
<tr>
<td>BN</td>
<td>Canada Customs &amp; Revenue Agency (CCRA) Business Number</td>
</tr>
<tr>
<td>C5</td>
<td>Customer Identification File</td>
</tr>
<tr>
<td>FI</td>
<td>Federal Taxpayer's Identification Number</td>
</tr>
<tr>
<td>M5</td>
<td>Jurisdiction Code</td>
</tr>
</tbody>
</table>

N104 67 Identification Code X AN 2/80 Used
Description: Code identifying a party or other code

Syntax Rules:
1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

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.
**N2 Additional Name Information**

**User Option (Usage):** Used  
**Purpose:** To specify additional names

**Element Summary:**

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>N201</td>
<td>93</td>
<td>Name</td>
<td>M</td>
<td>AN</td>
<td>1/60</td>
<td>Must use</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Free-form name</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N202</td>
<td>93</td>
<td>Name</td>
<td>O</td>
<td>AN</td>
<td>1/60</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Free-form name</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
N3 Party Location

User Option (Usage): Used
Purpose: To specify the location of the named party

Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>N301</td>
<td>166</td>
<td>Address Information</td>
<td>M</td>
<td>AN</td>
<td>1/55</td>
<td>Must use</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Address information</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N302</td>
<td>166</td>
<td>Address Information</td>
<td>O</td>
<td>AN</td>
<td>1/55</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Address information</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**N4 Geographic Location**

**User Option (Usage):** Used  
**Purpose:** To specify the geographic place of the named party

**Element Summary:**

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>N401</td>
<td>19</td>
<td>City Name</td>
<td>O</td>
<td>AN</td>
<td>2/30</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Free-form text for city name</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N402</td>
<td>156</td>
<td>State or Province Code</td>
<td>X</td>
<td>ID</td>
<td>2/2</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Code (Standard State/Province) as defined by appropriate government agency</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N403</td>
<td>116</td>
<td>Postal Code</td>
<td>O</td>
<td>ID</td>
<td>3/15</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Code defining international postal zone code excluding punctuation and blanks (zip code for United States)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N404</td>
<td>26</td>
<td>Country Code</td>
<td>X</td>
<td>ID</td>
<td>2/3</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Code identifying the country</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Syntax Rules:**
1. E0207 - Only one of N402 or N407 may be present.  
2. C0605 - If N406 is present, then N405 is required.  
3. C0704 - If N407 is present, then N404 is required.

**Comments:**
1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
**Reference Information**

User Option (Usage): Used  
Purpose: To specify identifying information

**Element Summary:**

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>REF01</td>
<td>128</td>
<td><strong>Reference Identification Qualifier</strong></td>
<td>M</td>
<td>ID</td>
<td>2/3</td>
<td>Must use</td>
</tr>
</tbody>
</table>

**Description:** Code qualifying the Reference Identification

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>94</td>
<td>File Identification Number</td>
</tr>
<tr>
<td>OB</td>
<td>Ocean Bill of Lading</td>
</tr>
<tr>
<td>XC</td>
<td>Cargo Control Number</td>
</tr>
<tr>
<td>XP</td>
<td>Previous Cargo Control Number</td>
</tr>
<tr>
<td>CUB</td>
<td>U.S. Customs Service (USCS) Bill of Lading Number</td>
</tr>
</tbody>
</table>

| REF02 | 127 | **Reference Identification** | X   | AN   | 1/80 | Used |

**Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

**Syntax Rules:**
1. R0203 - At least one of REF02 or REF03 is required.

**Semantics:**
1. REF04 contains data relating to the value cited in REF02.
ADMINISTRATIVE COMMUNICATIONS CONTACT

User Option (Usage): Used
Purpose: To identify a person or office to whom administrative communications should be directed

Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Reg</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>PER01</td>
<td>366</td>
<td>Contact Function Code</td>
<td>M</td>
<td>ID</td>
<td>2/2</td>
<td>Must use</td>
</tr>
</tbody>
</table>

**Description:** Code identifying the major duty or responsibility of the person or group named

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>AD</td>
<td>Accounting Department</td>
</tr>
<tr>
<td>AS</td>
<td>Authorized Signature</td>
</tr>
<tr>
<td>BC</td>
<td>Broker Contact</td>
</tr>
<tr>
<td>DC</td>
<td>Delivery Contact</td>
</tr>
<tr>
<td>EC</td>
<td>Emergency Contact-Shipper</td>
</tr>
<tr>
<td>FC</td>
<td>Forwarder Contact</td>
</tr>
<tr>
<td>IC</td>
<td>Information Contact</td>
</tr>
<tr>
<td>NT</td>
<td>Notification Contact</td>
</tr>
<tr>
<td>SH</td>
<td>Shipper Contact</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Reg</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>PER02</td>
<td>93</td>
<td>Name</td>
<td>O</td>
<td>AN</td>
<td>1/60</td>
<td>Used</td>
</tr>
</tbody>
</table>

**Description:** Free-form name

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Reg</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>PER03</td>
<td>365</td>
<td>Communication Number Qualifier</td>
<td>X</td>
<td>ID</td>
<td>2/2</td>
<td>Used</td>
</tr>
</tbody>
</table>

**Description:** Code identifying the type of communication number

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>EM</td>
<td>Electronic Mail</td>
</tr>
<tr>
<td>FX</td>
<td>Facsimile</td>
</tr>
<tr>
<td>TE</td>
<td>Telephone</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Reg</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>PER04</td>
<td>364</td>
<td>Communication Number</td>
<td>X</td>
<td>AN</td>
<td>1/256</td>
<td>Used</td>
</tr>
</tbody>
</table>

**Description:** Complete communications number including country or area code when applicable

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Reg</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>PER05</td>
<td>365</td>
<td>Communication Number Qualifier</td>
<td>X</td>
<td>ID</td>
<td>2/2</td>
<td>Used</td>
</tr>
</tbody>
</table>

**Description:** Code identifying the type of communication number

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>EM</td>
<td>Electronic Mail</td>
</tr>
<tr>
<td>FX</td>
<td>Facsimile</td>
</tr>
<tr>
<td>TE</td>
<td>Telephone</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Reg</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>PER06</td>
<td>364</td>
<td>Communication Number</td>
<td>X</td>
<td>AN</td>
<td>1/256</td>
<td>Used</td>
</tr>
</tbody>
</table>

**Description:** Complete communications number including country or area code when applicable

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Reg</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>PER07</td>
<td>365</td>
<td>Communication Number Qualifier</td>
<td>X</td>
<td>ID</td>
<td>2/2</td>
<td>Used</td>
</tr>
</tbody>
</table>

**Description:** Code identifying the type of communication number

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>EM</td>
<td>Electronic Mail</td>
</tr>
<tr>
<td>FX</td>
<td>Facsimile</td>
</tr>
<tr>
<td>TE</td>
<td>Telephone</td>
</tr>
</tbody>
</table>
Communication Number

Description: Complete communications number including country or area code when applicable

Syntax Rules:
1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.
3. P0708 - If either PER07 or PER08 is present, then the other is required.
**Billing Information**

User Option (Usage): Used

**Purpose:** To identify the individual billing segments within a movement when joint rail rates have been established between carriers but do not cover the entire movement

**Element Summary:**

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>BL01</td>
<td>747</td>
<td>Rebill Reason Code</td>
<td>M</td>
<td>ID</td>
<td>2/2</td>
<td>Must use</td>
</tr>
<tr>
<td>BL02</td>
<td>573</td>
<td>Freight Station Accounting Code</td>
<td>X</td>
<td>ID</td>
<td>1/5</td>
<td>Used</td>
</tr>
<tr>
<td>BL03</td>
<td>573</td>
<td>Freight Station Accounting Code</td>
<td>X</td>
<td>ID</td>
<td>1/5</td>
<td>Used</td>
</tr>
<tr>
<td>BL04</td>
<td>154</td>
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<td>ID</td>
<td>6/9</td>
<td>Used</td>
</tr>
<tr>
<td>BL05</td>
<td>19</td>
<td>City Name</td>
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<td>AN</td>
<td>2/30</td>
<td>Used</td>
</tr>
<tr>
<td>BL06</td>
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<td>2/2</td>
<td>Used</td>
</tr>
<tr>
<td>BL07</td>
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<td>Country Code</td>
<td>O</td>
<td>ID</td>
<td>2/3</td>
<td>Used</td>
</tr>
<tr>
<td>BL08</td>
<td>154</td>
<td>Standard Point Location Code</td>
<td>O</td>
<td>ID</td>
<td>6/9</td>
<td>Used</td>
</tr>
<tr>
<td>BL09</td>
<td>19</td>
<td>City Name</td>
<td>X</td>
<td>AN</td>
<td>2/30</td>
<td>Used</td>
</tr>
<tr>
<td>BL10</td>
<td>156</td>
<td>State or Province Code</td>
<td>O</td>
<td>ID</td>
<td>2/2</td>
<td>Used</td>
</tr>
<tr>
<td>BL11</td>
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<td>ID</td>
<td>2/3</td>
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<td>BL12</td>
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<td>BL13</td>
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<td>2/4</td>
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<td>O</td>
<td>ID</td>
<td>2/4</td>
<td>Used</td>
</tr>
</tbody>
</table>

**Description:**
- **Rebill Reason Code:** Code identifying reason for rebill
- **Freight Station Accounting Code:** Code (Freight Station Accounting) (AAR Managed Code for Locations)
- **Standard Point Location Code:** Code (Standard Point Location) defined by National Motor Freight Tariff Association (NMFTA) or the Canadian Transportation Agency (CTA) point development group as the official code assigned to a city or point (for ratemaking purposes) within a city
- **City Name:** Free-form text for city name
<table>
<thead>
<tr>
<th>BL</th>
<th>ID</th>
<th>Description</th>
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<tr>
<td>BL15</td>
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<td><em>O ID 2/4 Used</em></td>
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<td>BL16</td>
<td>140</td>
<td><strong>Standard Carrier Alpha Code</strong></td>
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<td>BL17</td>
<td>140</td>
<td><strong>Standard Carrier Alpha Code</strong></td>
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<tr>
<td></td>
<td></td>
<td><em>O ID 2/4 Used</em></td>
</tr>
</tbody>
</table>

**Syntax Rules:**
1. R0205 - At least one of BL02 or BL05 is required.
2. R0309 - At least one of BL03 or BL09 is required.
3. C0605 - If BL06 is present, then BL05 is required.
4. C1009 - If BL10 is present, then BL09 is required.

**Semantics:**
1. BL02 is the FSAC for the origin point of the rate for this portion of this movement.
2. BL03 is the FSAC for the destination point of the rate for this portion of the movement.
3. BL04 is the Standard Point Location Code (SPLC) for the origin point of the rate for this portion of the movement.
4. BL05 through BL07 is the city, state, and country for the rate for the beginning portion of the move.
5. BL08 is the Standard Point Location Code (SPLC) for the destination point of the rate for this portion of the move.
6. BL09 through BL11 is the city, state, and country for the rate for ending portion of the move.
7. BL12 is the Standard Carrier Alpha Code (SCAC) of the first carrier participating in the rate for the move defined in BL02 through BL11.
Route Information

User Option (Usage): Must use
Purpose: To specify carrier and routing sequences and details

Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
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<td>R201</td>
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<td>Standard Carrier Alpha Code</td>
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<td>2/4</td>
<td>Must use</td>
</tr>
<tr>
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<td></td>
<td>Description: Standard Carrier Alpha Code</td>
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<td></td>
</tr>
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<td>R202</td>
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<td>Routing Sequence Code</td>
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<td>Description: Code describing the relationship of a carrier to a specific shipment movement</td>
<td></td>
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<tr>
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<td></td>
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<tr>
<td></td>
<td></td>
<td>1</td>
<td>1st Carrier after Origin Carrier</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>2</td>
<td>2nd Carrier after Origin Carrier</td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td></td>
<td>3</td>
<td>3rd Carrier after Origin Carrier</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>4</td>
<td>4th Carrier after Origin Carrier</td>
<td></td>
<td></td>
<td></td>
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<tr>
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<td>5</td>
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<tr>
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<td></td>
<td>6</td>
<td>6th Carrier after Origin Carrier</td>
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<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>7</td>
<td>7th Carrier after Origin Carrier</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>8</td>
<td>8th Carrier after Origin Carrier</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>9</td>
<td>9th Carrier after Origin Carrier</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>A</td>
<td>Origin Carrier, Agent's Routing (Rail)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>D</td>
<td>DELY (Delivery Switch Carrier)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>H</td>
<td>Haulage Rights Carrier and Junction</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>I</td>
<td>Origin Switch Carrier</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>M</td>
<td>Haulage Movement Carrier and Junction</td>
<td></td>
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<td></td>
</tr>
<tr>
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<td></td>
<td>R</td>
<td>Origin Carrier, Rule 11 Shipment</td>
<td></td>
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<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>S</td>
<td>Origin Carrier, Shipper's Routing (Rail)</td>
<td></td>
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<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>V</td>
<td>Intermediate Switch Carrier</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>JD</td>
<td>Junction Settlement Carrier Following (Destination carrier receiving revenues resulting from junction contract)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>JO</td>
<td>Junction Settlement Carrier Predecessor (Origin carrier receiving revenues resulting from junction contract)</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>R203</td>
<td>19</td>
<td>City Name</td>
<td>O</td>
<td>AN</td>
<td>2/30</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Free-form text for city name</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>R204</td>
<td>154</td>
<td>Standard Point Location Code</td>
<td>O</td>
<td>ID</td>
<td>6/9</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Code (Standard Point Location) defined by National Motor Freight Tariff Association (NMFTA) or the Canadian Transportation Agency (CTA) point development group as the official code assigned to a city or point (for ratemaking purposes) within a city</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>R205</td>
<td>177</td>
<td>Intermodal Service Code</td>
<td>O</td>
<td>ID</td>
<td>1/2</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Code identifying the Intermodal Service Plan</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>R207</td>
<td>296</td>
<td>Intermediate Switch Carrier</td>
<td>X</td>
<td>ID</td>
<td>2/4</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Code defining a road which neither originates nor terminates the shipment but provides a switching service between two roadhaul rail carriers (SCAC code for rail switch carrier)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>R208</td>
<td>296</td>
<td>Intermediate Switch Carrier</td>
<td>O</td>
<td>ID</td>
<td>2/4</td>
<td>Used</td>
</tr>
</tbody>
</table>
|     |     | Description: Code defining a road which neither originates nor terminates the shipment but
provides a switching service between two roadhaul rail carriers (SCAC code for rail switch carrier)

Syntax Rules:
1. C0807 - If R208 is present, then R207 is required.

Semantics:
1. R203 is the station or city name at which carriers interchange shipments.
2. R210 is the billing date.
R9  Route Code Identification

User Option (Usage): Used
Purpose: To specify the route using a single code

Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
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</thead>
<tbody>
<tr>
<td>R901</td>
<td>1</td>
<td>Route Code</td>
<td>M</td>
<td>AN</td>
<td>1/13</td>
<td>Must use</td>
</tr>
</tbody>
</table>

Description: Mutually defined route code

Syntax Rules:
1. C0905 - If R909 is present, then R905 is required.

Semantics:
1. R904 is used to identify the Standard Carrier Alpha Code (SCAC) of the delivery switch carrier.
2. R906 is the route source.
3. If R907 is "Y", then this is a pricing (revenue) route. If "N", then this is an operating route.
4. If R908 is "Y", then this is a local move. If "N", then this is an interline move.
5. R909 is the new route code of the expired route code in R901. If used R905 must = "E"
## Loop E1

**User Option (Usage):** Used  
**Purpose:** To identify the party receiving the empty car

### Loop Summary:

<table>
<thead>
<tr>
<th>Pos</th>
<th>Id</th>
<th><strong>Segment Name</strong></th>
<th><strong>Req</strong></th>
<th><strong>Max Use</strong></th>
<th><strong>Repeat</strong></th>
<th><strong>Usage</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>4900</td>
<td>E1</td>
<td>Empty Car Disposition - Pended Destination Consignee</td>
<td>O</td>
<td>1</td>
<td></td>
<td>Used</td>
</tr>
<tr>
<td>5000</td>
<td>E4</td>
<td>Empty Car Disposition - Pended Destination City</td>
<td>O</td>
<td>1</td>
<td></td>
<td>Used</td>
</tr>
<tr>
<td>5100</td>
<td>E5</td>
<td>Empty Car Disposition - Pended Destination Route</td>
<td>O</td>
<td>13</td>
<td></td>
<td>Used</td>
</tr>
<tr>
<td>5110</td>
<td>PI</td>
<td>Price Authority Identification</td>
<td>O</td>
<td>1</td>
<td></td>
<td>Used</td>
</tr>
</tbody>
</table>
E1 Empty Car Disposition - Pended Destination Consignee

User Option (Usage): Used
Purpose: To identify the party receiving the empty car

Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Reg</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>E101</td>
<td>93</td>
<td>Name</td>
<td>M</td>
<td>AN</td>
<td>1/60</td>
<td>Must use</td>
</tr>
</tbody>
</table>

  **Description:** Free-form name

| E102 | 66 | Identification Code Qualifier | X   | ID   | 1/2     | Used          |

  **Description:** Code designating the system/method of code structure used for Identification Code (67)

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
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</thead>
<tbody>
<tr>
<td>C5</td>
<td>Customer Identification File</td>
</tr>
</tbody>
</table>

| E103 | 67 | Identification Code | X   | AN   | 2/80    | Used          |

  **Description:** Code identifying a party or other code

Syntax Rules:
1. P0203 - If either E102 or E103 is present, then the other is required.
### E4 Empty Car Disposition - Pended Destination City

**User Option (Usage):** Used  
**Purpose:** To specify the geographic place of named party receiving the empty car

#### Element Summary:

<table>
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<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>E401</td>
<td>19</td>
<td>City Name</td>
<td>M</td>
<td>AN</td>
<td>2/30</td>
<td>Must use</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Free-form text for city name</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E402</td>
<td>156</td>
<td>State or Province Code</td>
<td>M</td>
<td>ID</td>
<td>2/2</td>
<td>Must use</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Code (Standard State/Province) as defined by appropriate government agency</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E403</td>
<td>116</td>
<td>Postal Code</td>
<td>O</td>
<td>ID</td>
<td>3/15</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Code defining international postal zone code excluding punctuation and blanks (zip code for United States)</td>
<td></td>
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<tr>
<td>E404</td>
<td>26</td>
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<td>ID</td>
<td>2/3</td>
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<tr>
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<td></td>
<td><strong>Description:</strong> Code identifying the country</td>
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<tr>
<td>E405</td>
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<td>Address Information</td>
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<td>AN</td>
<td>1/55</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Address information</td>
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</tbody>
</table>
Empty Car Disposition - Pended Destination Route

User Option (Usage): Used
Purpose: To specify the routing of the empty car

Element Summary:

<table>
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<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
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<tbody>
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<td>Standard Carrier Alpha Code</td>
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<td>2/4</td>
<td>Must use</td>
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<td>Description: Standard Carrier Alpha Code</td>
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<td>E502</td>
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<td>Routing Sequence Code</td>
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<td>1/2</td>
<td>Must use</td>
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<td>Description: Code describing the relationship of a carrier to a specific shipment movement</td>
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</tr>
<tr>
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<td><strong>Code</strong></td>
<td><strong>Name</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>1</td>
<td></td>
<td>1st Carrier after Origin Carrier</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>2nd Carrier after Origin Carrier</td>
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</tr>
<tr>
<td>3</td>
<td></td>
<td>3rd Carrier after Origin Carrier</td>
<td></td>
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</tr>
<tr>
<td>4</td>
<td></td>
<td>4th Carrier after Origin Carrier</td>
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<td>5</td>
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<td>5th Carrier after Origin Carrier</td>
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</tr>
<tr>
<td>6</td>
<td></td>
<td>6th Carrier after Origin Carrier</td>
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<td>7</td>
<td></td>
<td>7th Carrier after Origin Carrier</td>
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<td>8</td>
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<td>8th Carrier after Origin Carrier</td>
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<tr>
<td>9</td>
<td></td>
<td>9th Carrier after Origin Carrier</td>
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</tr>
<tr>
<td>A</td>
<td></td>
<td>Origin Carrier, Agent's Routing (Rail)</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>D</td>
<td></td>
<td>DELY (Delivery Switch Carrier)</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>I</td>
<td></td>
<td>Origin Switch Carrier</td>
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<td></td>
</tr>
<tr>
<td>R</td>
<td></td>
<td>Origin Carrier, Rule 11 Shipment</td>
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</tr>
<tr>
<td>S</td>
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<td>Origin Carrier, Shipper's Routing (Rail)</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>V</td>
<td></td>
<td>Intermediate Switch Carrier</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>JD</td>
<td></td>
<td>Junction Settlement Carrier Following (Destination carrier receiving revenues resulting from junction contract)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>JO</td>
<td></td>
<td>Junction Settlement Carrier Predecessor (Origin carrier receiving revenues resulting from junction contract)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E503</td>
<td>19</td>
<td>City Name</td>
<td>O</td>
<td>AN</td>
<td>2/30</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Free-form text for city name</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E504</td>
<td>154</td>
<td>Standard Point Location Code</td>
<td>O</td>
<td>ID</td>
<td>6/9</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Code (Standard Point Location) defined by National Motor Freight Tariff Association (NMFTA) or the Canadian Transportation Agency (CTA) point development group as the official code assigned to a city or point (for ratemaking purposes) within a city</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## Price Authority Identification

**User Option (Usage):** Used  
**Purpose:** To communicate basis of pricing, such as contract number, quote number, or tariff number

### Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Reg</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>PI01</td>
<td>128</td>
<td>Reference Identification Qualifier</td>
<td>M</td>
<td>ID</td>
<td>2/3</td>
<td>Must use</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Code qualifying the Reference Identification</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>CT</td>
<td>Contract Number</td>
<td></td>
</tr>
<tr>
<td>PR</td>
<td>Price Quote Number</td>
<td></td>
</tr>
<tr>
<td>TS</td>
<td>Tariff Number</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PI02</th>
<th>127</th>
<th>Reference Identification</th>
<th>M</th>
<th>AN</th>
<th>1/80</th>
<th>Must use</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PI03</th>
<th>436</th>
<th>Primary Publication Authority Code</th>
<th>O</th>
<th>ID</th>
<th>2/2</th>
<th>Used</th>
</tr>
</thead>
</table>
|      |     | **Description:** Code indicating type of external reference  
                                 |   |    |     | All valid standard codes are used. |

<table>
<thead>
<tr>
<th>PI04</th>
<th>930</th>
<th>Regulatory Agency Code</th>
<th>O</th>
<th>ID</th>
<th>3/5</th>
<th>Used</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Code relating to the regulatory agency governing the price reference</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PI05</th>
<th>168</th>
<th>Tariff Agency Code</th>
<th>O</th>
<th>ID</th>
<th>1/4</th>
<th>Used</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Code defining the tariff bureau or tariff publishing agent that governs the rates applied to this shipment</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PI06</th>
<th>965</th>
<th>Issuing Carrier Identifier</th>
<th>O</th>
<th>AN</th>
<th>1/10</th>
<th>Used</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Identification assigned by issuing carrier</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PI07</th>
<th>660</th>
<th>Contract Suffix</th>
<th>O</th>
<th>AN</th>
<th>1/2</th>
<th>Used</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Used to identify a type of contract</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PI08</th>
<th>169</th>
<th>Tariff Item Number</th>
<th>O</th>
<th>AN</th>
<th>1/16</th>
<th>Used</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Number assigned in the tariff to specific rate or group of rates that applies to one or more items in the shipment</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PI09</th>
<th>173</th>
<th>Tariff Supplement Identifier</th>
<th>O</th>
<th>AN</th>
<th>1/4</th>
<th>Used</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Identifier for the tariff supplement which contains the rate used</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PI10</th>
<th>172</th>
<th>Tariff Section Number</th>
<th>O</th>
<th>AN</th>
<th>1/2</th>
<th>Used</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Number used as an extension of the basic tariff number to identify the rates published within specific sections of the tariff</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PI11</th>
<th>660</th>
<th>Contract Suffix</th>
<th>O</th>
<th>AN</th>
<th>1/2</th>
<th>Used</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Used to identify a type of contract</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PI12</th>
<th>373</th>
<th>Date</th>
<th>O</th>
<th>DT</th>
<th>8/8</th>
<th>Used</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PI13</th>
<th>373</th>
<th>Date</th>
<th>O</th>
<th>DT</th>
<th>8/8</th>
<th>Used</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

PI14 629  **Alternation Precedence Code**  O ID 1/1 Used

**Description:** Code identifying the priority of rate application when two or more rates apply to a given movement; if rate application includes two or more rates of the same value for this element, individual carrier rules and procedures shall govern

**All valid standard codes are used.**

PI15 629  **Alternation Precedence Code**  O ID 1/1 Used

**Description:** Code identifying the priority of rate application when two or more rates apply to a given movement; if rate application includes two or more rates of the same value for this element, individual carrier rules and procedures shall govern

**All valid standard codes are used.**

PI16 284  **Service Level Code**  O ID 2/2 Used

**Description:** Code indicating the level of transportation service or the billing service offered by the transportation carrier

**All valid standard codes are used.**

**Semantics:**
1. PI07 is the price authority suffix for the contract.
2. PI08 is the price authority item number.
3. PI09 is the price authority supplement.
4. PI10 is the price authority section number.
5. PI11 is the price authority suffix for tariff.
6. PI12 is the effective date.
7. PI13 is the expiration date.
**Special Handling Instructions**

**User Option (Usage):** Used

**Purpose:** To specify special handling instructions in coded or free-form format

**Element Summary:**

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>H301</td>
<td>152</td>
<td>Special Handling Code</td>
<td>X</td>
<td>ID</td>
<td>2/3</td>
<td>Used</td>
</tr>
</tbody>
</table>

**Description:** Code specifying special transportation handling instructions

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>IB</td>
<td>In-bond</td>
</tr>
</tbody>
</table>

**Syntax Rules:**

1. E0102 - Only one of H301 or H302 may be present.
# Protective Service Instructions

**User Option (Usage):** Used  
**Purpose:** To specify mechanical protective service and ventilation instructions

## Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>PS01</td>
<td>746</td>
<td>Protective Service Rule Code</td>
<td>M</td>
<td>ID</td>
<td>3/9</td>
<td>Must use</td>
</tr>
<tr>
<td>PS02</td>
<td>241</td>
<td>Protective Service Code</td>
<td>M</td>
<td>ID</td>
<td>1/4</td>
<td>Must use</td>
</tr>
<tr>
<td>PS03</td>
<td>355</td>
<td>Unit or Basis for Measurement Code</td>
<td>X</td>
<td>ID</td>
<td>2/2</td>
<td>Used</td>
</tr>
<tr>
<td>PS04</td>
<td>408</td>
<td>Temperature</td>
<td>X</td>
<td>R</td>
<td>1/4</td>
<td>Used</td>
</tr>
<tr>
<td>PS05</td>
<td>140</td>
<td>Standard Carrier Alpha Code</td>
<td>O</td>
<td>ID</td>
<td>2/4</td>
<td>Used</td>
</tr>
<tr>
<td>PS06</td>
<td>573</td>
<td>Freight Station Accounting Code</td>
<td>O</td>
<td>ID</td>
<td>1/5</td>
<td>Used</td>
</tr>
<tr>
<td>PS07</td>
<td>19</td>
<td>City Name</td>
<td>O</td>
<td>AN</td>
<td>2/30</td>
<td>Used</td>
</tr>
<tr>
<td>PS08</td>
<td>156</td>
<td>State or Province Code</td>
<td>O</td>
<td>ID</td>
<td>2/2</td>
<td>Used</td>
</tr>
<tr>
<td>PS10</td>
<td>745</td>
<td>Pre-Cooled (Rule 710) Code</td>
<td>O</td>
<td>ID</td>
<td>1/1</td>
<td>Used</td>
</tr>
<tr>
<td>PS11</td>
<td>1073</td>
<td>Yes/No Condition or Response Code</td>
<td>O</td>
<td>ID</td>
<td>1/1</td>
<td>Used</td>
</tr>
</tbody>
</table>

**Description:**
- Protective Service Rule Code: Association of American Railroads (AAR) Protective Service that applies to shipment
- Protective Service Code: Code specifying perishable protective service - rail carriers only
- 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
- Temperature: Temperature
- Standard Carrier Alpha Code: Standard Carrier Alpha Code
- Freight Station Accounting Code: Code (Freight Station Accounting) (AAR Managed Code for Locations)
- City Name: Free-form text for city name
- State or Province Code: Code (Standard State/Province) as defined by appropriate government agency
- Pre-Cooled (Rule 710) Code: Code indicating whether or not the shipment was precooled per Association of American Railroads Protective Service Rule 710. All valid standard codes are used.
- Yes/No Condition or Response Code: Code indicating a Yes or No condition or response

### Code Name

- **D** Discontinue Service
- **M** Standard Mechanical Protective Service
- **MN** Modified Mechanical Protective Service
- **HDN** Do Not Heat
- **HSC** Standard Heating In Canada
- **MNU** Do Not Operate
- **HDNC** Do Not Heat In Canada
- **CE** Centigrade, Celsius
- **FA** Fahrenheit
N  No
Y  Yes

PS12 1073  Yes/No Condition or Response Code  O  ID  1/1  Used

Description: Code indicating a Yes or No condition or response

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>N</td>
<td>No</td>
</tr>
<tr>
<td>Y</td>
<td>Yes</td>
</tr>
</tbody>
</table>

PS13 1073  Yes/No Condition or Response Code  O  ID  1/1  Used

Description: Code indicating a Yes or No condition or response

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>N</td>
<td>No</td>
</tr>
<tr>
<td>Y</td>
<td>Yes</td>
</tr>
</tbody>
</table>

PS14 408  Temperature  X  R  1/4  Used

Description: Temperature

Syntax Rules:
1. L030414 - If PS03 is present, then at least one of PS04 or PS14 is required.
2. C0403 - If PS04 is present, then PS03 is required.
3. C1403 - If PS14 is present, then PS03 is required.

Semantics:
1. PS03 qualifies the temperature in PS04 and PS14.
2. PS04 is the optimum allowable temperature condition for shipment.
3. PS11 identifies the location of the heater. A "Y" indicates the heater is ceiling-mounted; an "N" indicates the heater is in the body.
4. PS12 identifies whether or not the commodity is a food product. A "Y" indicates the commodity is a food product; an "N" indicates it is a non-food product.
5. PS13 indicates the amount of doorway space for the full width of the car. A "Y" indicates the doorway space is not less than 30 inches for the full width of the car; an "N" indicates it is less than 30 inches.
6. PS14 is the set temperature at service origin.

Comments:
1. PS05 through PS08 are used to specify the station to which the temperature applies. PS05 and PS06 are preferred over PS07 and PS08.
2. PS09 is the weight of body ice in hundreds.
Loop LX

User Option (Usage): Must use
Purpose: To reference a line number in a transaction set

Loop Summary:

<table>
<thead>
<tr>
<th>Pos</th>
<th>Id</th>
<th>Segment Name</th>
<th>Req</th>
<th>Max Use</th>
<th>Repeat</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>5400</td>
<td>LX</td>
<td>Transaction Set Line Number</td>
<td>M</td>
<td>1</td>
<td></td>
<td>Must use</td>
</tr>
<tr>
<td>5500</td>
<td>L5</td>
<td>Description, Marks and Numbers</td>
<td>M</td>
<td>15</td>
<td></td>
<td>Must use</td>
</tr>
<tr>
<td>5700</td>
<td></td>
<td>Loop L0</td>
<td>O</td>
<td></td>
<td>25</td>
<td>Used</td>
</tr>
<tr>
<td>5950</td>
<td>X1</td>
<td>Export License</td>
<td>O</td>
<td>6</td>
<td></td>
<td>Used</td>
</tr>
</tbody>
</table>
**Transaction Set Line Number**

**User Option (Usage):** Must use

**Purpose:** To reference a line number in a transaction set

**Element Summary:**

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>LX01</td>
<td>554</td>
<td>Assigned Number</td>
<td>M</td>
<td>N0</td>
<td>1/6</td>
<td>Must use</td>
</tr>
</tbody>
</table>

**Description:** Number assigned for differentiation within a transaction set
L5  Description, Marks and Numbers

User Option (Usage): Must use
Purpose: To specify the line item in terms of description, quantity, packaging, and marks and numbers

Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>L501</td>
<td>213</td>
<td>Lading Line Item Number</td>
<td>O</td>
<td>N0</td>
<td>1/3</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Sequential line number for a lading item</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>L502</td>
<td>79</td>
<td>Lading Description</td>
<td>O</td>
<td>AN</td>
<td>1/50</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Description of an item as required for rating and billing purposes</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>L503</td>
<td>22</td>
<td>Commodity Code</td>
<td>X</td>
<td>AN</td>
<td>1/30</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Code describing a commodity or group of commodities</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>L504</td>
<td>23</td>
<td>Commodity Code Qualifier</td>
<td>X</td>
<td>ID</td>
<td>1/1</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Code identifying the commodity coding system used for Commodity Code</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Code Name</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>3 Empty Non-hazardous Last Contained (HMRC) Code</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>L Last Contained Contents STCC</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>T Standard Transportation Commodity Code (STCC)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>L505</td>
<td>103</td>
<td>Packaging Code</td>
<td>O</td>
<td>AN</td>
<td>3/5</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required All valid standard codes are used.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>L506</td>
<td>87</td>
<td>Marks and Numbers</td>
<td>X</td>
<td>AN</td>
<td>1/48</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Marks and numbers used to identify a shipment or parts of a shipment</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>L507</td>
<td>88</td>
<td>Marks and Numbers Qualifier</td>
<td>O</td>
<td>ID</td>
<td>1/2</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Code specifying the application or source of Marks and Numbers (87) All valid standard codes are used.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>L508</td>
<td>23</td>
<td>Commodity Code Qualifier</td>
<td>X</td>
<td>ID</td>
<td>1/1</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Code identifying the commodity coding system used for Commodity Code All valid standard codes are used.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>L509</td>
<td>22</td>
<td>Commodity Code</td>
<td>X</td>
<td>AN</td>
<td>1/30</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Code describing a commodity or group of commodities</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>L510</td>
<td>595</td>
<td>Compartment ID Code</td>
<td>O</td>
<td>ID</td>
<td>1/1</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Code identifying the compartment in a compartmentalized tank car All valid standard codes are used.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Syntax Rules:
1. P0304 - If either L503 or L504 is present, then the other is required.
2. C0706 - If L507 is present, then L506 is required.
3. P0809 - If either L508 or L509 is present, then the other is required.

Comments:
1. L502 may be used to send quantity information as part of the product description.
Loop L0

User Option (Usage): Used
Purpose: To specify quantity, weight, volume, and type of service for a line item including applicable "quantity/rate-as" data

Loop Summary:

<table>
<thead>
<tr>
<th>Pos</th>
<th>Id</th>
<th>Segment Name</th>
<th>Req</th>
<th>Max Use</th>
<th>Repeat</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>5700</td>
<td>L0</td>
<td>Line Item - Quantity and Weight</td>
<td>O</td>
<td>1</td>
<td></td>
<td>Used</td>
</tr>
<tr>
<td>5750</td>
<td>MEA</td>
<td>Measurements</td>
<td>O</td>
<td>3</td>
<td></td>
<td>Used</td>
</tr>
<tr>
<td>5900</td>
<td></td>
<td>Loop PI</td>
<td>O</td>
<td>30</td>
<td></td>
<td>Used</td>
</tr>
</tbody>
</table>
**L0**

**Line Item - Quantity and Weight**

**User Option (Usage):** Used

**Purpose:** To specify quantity, weight, volume, and type of service for a line item including applicable "quantity/rate-as" data

**Element Summary:**

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>L001</td>
<td>213</td>
<td>Lading Line Item Number</td>
<td>O</td>
<td>N0</td>
<td>1/3</td>
<td>Used</td>
</tr>
</tbody>
</table>

**Description:** Sequential line number for a lading item

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>L002</td>
<td>220</td>
<td>Billed/Rated-as Quantity</td>
<td>X</td>
<td>R</td>
<td>1/11</td>
<td>Used</td>
</tr>
</tbody>
</table>

**Description:** Basis for rating (miles, value, volume, etc.); Note: Weight may be defined by either data element 220 or 81

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>L003</td>
<td>221</td>
<td>Billed/Rated-as Qualifier</td>
<td>X</td>
<td>ID</td>
<td>2/2</td>
<td>Used</td>
</tr>
</tbody>
</table>

**Description:** Code identifying the type of quantity or value on which the rate or item pricing is based

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM</td>
<td>Miles</td>
</tr>
<tr>
<td>GL</td>
<td>Gallon</td>
</tr>
<tr>
<td>ND</td>
<td>Cord</td>
</tr>
<tr>
<td>NP</td>
<td>Piece</td>
</tr>
<tr>
<td>NU</td>
<td>Unit</td>
</tr>
<tr>
<td>NV</td>
<td>Vehicle</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>L004</td>
<td>81</td>
<td>Weight</td>
<td>X</td>
<td>R</td>
<td>1/10</td>
<td>Used</td>
</tr>
</tbody>
</table>

**Description:** Numeric value of weight

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>L005</td>
<td>187</td>
<td>Weight Qualifier</td>
<td>X</td>
<td>ID</td>
<td>1/2</td>
<td>Used</td>
</tr>
</tbody>
</table>

**Description:** Code defining the type of weight

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>Billed Weight</td>
</tr>
<tr>
<td>C</td>
<td>Actual Net Repeated for Combination</td>
</tr>
<tr>
<td>E</td>
<td>Estimated Net Weight</td>
</tr>
<tr>
<td>G</td>
<td>Gross Weight</td>
</tr>
<tr>
<td>J</td>
<td>Light Weight</td>
</tr>
<tr>
<td>K</td>
<td>Clean Out</td>
</tr>
<tr>
<td>M</td>
<td>Minimum Weight (for rate)</td>
</tr>
<tr>
<td>N</td>
<td>Actual Net Weight</td>
</tr>
<tr>
<td>O</td>
<td>Excess Weight Over Maximum</td>
</tr>
<tr>
<td>X</td>
<td>Maximum Weight (for Rate)</td>
</tr>
<tr>
<td>A3</td>
<td>Shippers Weight</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>L006</td>
<td>183</td>
<td>Volume</td>
<td>X</td>
<td>R</td>
<td>1/8</td>
<td>Used</td>
</tr>
</tbody>
</table>

**Description:** Value of volumetric measure

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>L007</td>
<td>184</td>
<td>Volume Unit Qualifier</td>
<td>X</td>
<td>ID</td>
<td>1/1</td>
<td>Used</td>
</tr>
</tbody>
</table>

**Description:** Code identifying the volume unit

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>D</td>
<td>Cord</td>
</tr>
<tr>
<td>Field</td>
<td>Value</td>
</tr>
<tr>
<td>---------</td>
<td>-------</td>
</tr>
<tr>
<td>L008</td>
<td>80</td>
</tr>
<tr>
<td>L009</td>
<td>211</td>
</tr>
<tr>
<td>L010</td>
<td>458</td>
</tr>
<tr>
<td>L011</td>
<td>188</td>
</tr>
<tr>
<td>L012</td>
<td>56</td>
</tr>
<tr>
<td>L013</td>
<td>380</td>
</tr>
<tr>
<td>L014</td>
<td>211</td>
</tr>
<tr>
<td>L015</td>
<td>1073</td>
</tr>
</tbody>
</table>

**Syntax Rules:**
1. P0203 - If either L002 or L003 is present, then the other is required.
2. P0405 - If either L004 or L005 is present, then the other is required.
3. P0607 - If either L006 or L007 is present, then the other is required.
4. P0809 - If either L008 or L009 is present, then the other is required.
5. C1104 - If L011 is present, then L004 is required.
6. P1315 - If either L013 or L015 is present, then the other is required.

**Semantics:**
1. L008 is the number of handling units of the line item tendered to the carrier.
2. L013 can only be used if the code in L009 is PLT, SKD, or SLP.
3. L015 designates whether the carrier will be required to verify the number of units contained on a pallet, slip sheet or skid. Code "Y" indicates that the carrier will be required to verify. Code "N" indicates that the carrier will not be required to verify.

**Comments:**
1. L013 is used to convey the total number of boxes, cartons, or pieces contained on a pallet, skid, or slip sheet for the line item.
## MEA Measurements

**User Option (Usage):** Used

**Purpose:** To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)

### Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEA01</td>
<td>737</td>
<td>Measurement Reference ID Code</td>
<td>O</td>
<td>ID</td>
<td>2/2</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Code identifying the broad category to which a measurement applies</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Code</strong></td>
<td><strong>Name</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>BD</td>
<td>Billed Dimensions</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEA02</td>
<td>738</td>
<td>Measurement Qualifier</td>
<td>O</td>
<td>ID</td>
<td>1/3</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Code identifying a specific product or process characteristic to which a measurement applies</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Code</strong></td>
<td><strong>Name</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>HT</td>
<td>Height</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>LN</td>
<td>Length</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>WD</td>
<td>Width</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEA03</td>
<td>739</td>
<td>Measurement Value</td>
<td>X</td>
<td>R</td>
<td>1/20</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> The value of the measurement</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEA04</td>
<td>C001</td>
<td>Composite Unit of Measure</td>
<td>X</td>
<td>Comp</td>
<td></td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> To identify a composite unit of measure (See Figures Appendix for examples of use)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Unit or Basis for Measurement Code</strong></td>
<td>M</td>
<td>ID</td>
<td>2/2</td>
<td>Must use</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Code</strong></td>
<td><strong>Name</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>IN</td>
<td>Inch</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1018</td>
<td>Exponent</td>
<td>O</td>
<td>R</td>
<td>1/15</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Power to which a unit is raised</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>649</td>
<td>Multiplier</td>
<td>O</td>
<td>R</td>
<td>1/10</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Value to be used as a multiplier to obtain a new value</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>355</td>
<td>Unit or Basis for Measurement Code</td>
<td>O</td>
<td>ID</td>
<td>2/2</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Code</strong></td>
<td><strong>Name</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>IN</td>
<td>Inch</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1018</td>
<td>Exponent</td>
<td>O</td>
<td>R</td>
<td>1/15</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Power to which a unit is raised</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>649</td>
<td>Multiplier</td>
<td>O</td>
<td>R</td>
<td>1/10</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Value to be used as a multiplier to obtain a new value</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>355</td>
<td>Unit or Basis for Measurement Code</td>
<td>O</td>
<td>ID</td>
<td>2/2</td>
</tr>
</tbody>
</table>
**Description**: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>IN</td>
<td>Inch</td>
</tr>
</tbody>
</table>

1018  **Exponent**

**Description**: Power to which a unit is raised

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>O</td>
<td>R 1/15</td>
</tr>
</tbody>
</table>

649   **Multiplier**

**Description**: Value to be used as a multiplier to obtain a new value

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>O</td>
<td>R 1/10</td>
</tr>
</tbody>
</table>

355  **Unit or Basis for Measurement Code**

**Description**: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>O</td>
<td>ID 2/2</td>
</tr>
</tbody>
</table>

---

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>IN</td>
<td>Inch</td>
</tr>
</tbody>
</table>

1018  **Exponent**

**Description**: Power to which a unit is raised

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>O</td>
<td>R 1/15</td>
</tr>
</tbody>
</table>

649   **Multiplier**

**Description**: Value to be used as a multiplier to obtain a new value

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>O</td>
<td>R 1/10</td>
</tr>
</tbody>
</table>

---

MEA05  **Range Minimum**

**Description**: The value specifying the minimum of the measurement range

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>R 1/20</td>
</tr>
</tbody>
</table>

**Range Maximum**

**Description**: The value specifying the maximum of the measurement range

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>R 1/20</td>
</tr>
</tbody>
</table>

MEA07  **Measurement Significance Code**

**Description**: Code used to benchmark, qualify or further define a measurement value. All valid standard codes are used.

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>O</td>
<td>ID 2/2</td>
</tr>
</tbody>
</table>

MEA08  **Measurement Attribute Code**

**Description**: Code used to express an attribute response when a numeric measurement value cannot be determined. All valid standard codes are used.

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>ID 2/2</td>
</tr>
</tbody>
</table>

MEA09  **Surface/Layer/Position Code**

**Description**: Code indicating the product surface, layer or position that is being described. All valid standard codes are used.

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>O</td>
<td>ID 2/2</td>
</tr>
</tbody>
</table>

MEA10  **Measurement Method or Device**

**Description**: The method or device used to record the measurement. All valid standard codes are used.
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEA11</td>
<td><strong>Code List Qualifier Code</strong> X ID 1/3 Used</td>
</tr>
<tr>
<td>MEA12</td>
<td><strong>Industry Code</strong> X AN 1/30 Used</td>
</tr>
</tbody>
</table>

**Description:**
- Code identifying a specific industry code list
- All valid standard codes are used.

**Syntax Rules:**
1. R03050608 - At least one of MEA03, MEA05, MEA06 or MEA08 is required.
2. E0412 - Only one of MEA04 or MEA12 may be present.
3. L050412 - If MEA05 is present, then at least one of MEA04 or MEA12 is required.
4. L060412 - If MEA06 is present, then at least one of MEA04 or MEA12 is required.
5. L07030506 - If MEA07 is present, then at least one of MEA03, MEA05 or MEA06 is required.
6. E0803 - Only one of MEA08 or MEA03 may be present.
7. P1112 - If either MEA11 or MEA12 is present, then the other is required.

**Semantics:**
1. MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.
2. MEA11 is the external code list for the unit of measure.
3. MEA12 defines the unit of measure for MEA03, MEA05, and MEA06 from an external code list.

**Comments:**
1. When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.
Loop PI

User Option (Usage): Used
Purpose: To communicate basis of pricing, such as contract number, quote number, or tariff number

Loop Summary:

<table>
<thead>
<tr>
<th>Pos</th>
<th>Id</th>
<th>Segment Name</th>
<th>Req</th>
<th>Max Use</th>
<th>Repeat</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>5900</td>
<td>PI</td>
<td>Price Authority Identification</td>
<td>O</td>
<td>1</td>
<td>Used</td>
<td></td>
</tr>
<tr>
<td>5920</td>
<td>CD</td>
<td>Shipment Conditions</td>
<td>O</td>
<td>10</td>
<td>Used</td>
<td></td>
</tr>
</tbody>
</table>
## Price Authority Identification

**User Option (Usage):** Used

**Purpose:** To communicate basis of pricing, such as contract number, quote number, or tariff number

### Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>PI01</td>
<td>128</td>
<td>Reference Identification Qualifier</td>
<td>M</td>
<td>ID</td>
<td>2/3</td>
<td>Must use</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Code qualifying the Reference Identification</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Code</strong></td>
<td><strong>Name</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>CT</td>
<td>Contract Number</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>PR</td>
<td>Price Quote Number</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>TS</td>
<td>Tariff Number</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PI02</td>
<td>127</td>
<td>Reference Identification</td>
<td>M</td>
<td>AN</td>
<td>1/80</td>
<td>Must use</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PI03</td>
<td>436</td>
<td>Primary Publication Authority Code</td>
<td>O</td>
<td>ID</td>
<td>2/2</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Code indicating type of external reference All valid standard codes are used.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PI04</td>
<td>930</td>
<td>Regulatory Agency Code</td>
<td>O</td>
<td>ID</td>
<td>3/5</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Code relating to the regulatory agency governing the price reference</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PI05</td>
<td>168</td>
<td>Tariff Agency Code</td>
<td>O</td>
<td>ID</td>
<td>1/4</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Code defining the tariff bureau or tariff publishing agent that governs the rates applied to this shipment</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PI06</td>
<td>965</td>
<td>Issuing Carrier Identifier</td>
<td>O</td>
<td>AN</td>
<td>1/10</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Identification assigned by issuing carrier</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PI07</td>
<td>660</td>
<td>Contract Suffix</td>
<td>O</td>
<td>AN</td>
<td>1/2</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Used to identify a type of contract</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PI08</td>
<td>169</td>
<td>Tariff Item Number</td>
<td>O</td>
<td>AN</td>
<td>1/16</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Number assigned in the tariff to specific rate or group of rates that applies to one or more items in the shipment</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>PI09</td>
<td>173</td>
<td>Tariff Supplement Identifier</td>
<td>O</td>
<td>AN</td>
<td>1/4</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Identifier for the tariff supplement which contains the rate used</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PI10</td>
<td>172</td>
<td>Tariff Section Number</td>
<td>O</td>
<td>AN</td>
<td>1/2</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Number used as an extension of the basic tariff number to identify the rates published within specific sections of the tariff</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PI11</td>
<td>660</td>
<td>Contract Suffix</td>
<td>O</td>
<td>AN</td>
<td>1/2</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Used to identify a type of contract</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PI12</td>
<td>373</td>
<td>Date</td>
<td>O</td>
<td>DT</td>
<td>8/8</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PI13</td>
<td>373</td>
<td>Date</td>
<td>O</td>
<td>DT</td>
<td>8/8</td>
<td>Used</td>
</tr>
</tbody>
</table>
Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

PI14  629  Alternation Precedence Code  O  ID  1/1  Used

Description: Code identifying the priority of rate application when two or more rates apply to a given movement; if rate application includes two or more rates of the same value for this element, individual carrier rules and procedures shall govern.

All valid standard codes are used.

PI15  629  Alternation Precedence Code  O  ID  1/1  Used

Description: Code identifying the priority of rate application when two or more rates apply to a given movement; if rate application includes two or more rates of the same value for this element, individual carrier rules and procedures shall govern.

All valid standard codes are used.

PI16  284  Service Level Code  O  ID  2/2  Used

Description: Code indicating the level of transportation service or the billing service offered by the transportation carrier.

All valid standard codes are used.

Semantics:
1. PI07 is the price authority suffix for the contract.
2. PI08 is the price authority item number.
3. PI09 is the price authority supplement.
4. PI10 is the price authority section number.
5. PI11 is the price authority suffix for tariff.
6. PI12 is the effective date.
7. PI13 is the expiration date.
User Option (Usage): Used
Purpose: To specify condition restrictions or provisions applicable to the rate docket

Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>CD01</td>
<td>495</td>
<td>Condition Segment Logical Connector</td>
<td>M</td>
<td>AN</td>
<td>1/3</td>
<td>Must use</td>
</tr>
<tr>
<td>CD02</td>
<td>498</td>
<td>Condition Code</td>
<td>X</td>
<td>ID</td>
<td>4/4</td>
<td>Used</td>
</tr>
<tr>
<td>CD03</td>
<td>499</td>
<td>Condition Value</td>
<td>O</td>
<td>AN</td>
<td>1/10</td>
<td>Used</td>
</tr>
<tr>
<td>CD04</td>
<td>499</td>
<td>Condition Value</td>
<td>O</td>
<td>AN</td>
<td>1/10</td>
<td>Used</td>
</tr>
<tr>
<td>CD05</td>
<td>499</td>
<td>Condition Value</td>
<td>O</td>
<td>AN</td>
<td>1/10</td>
<td>Used</td>
</tr>
<tr>
<td>CD06</td>
<td>554</td>
<td>Assigned Number</td>
<td>O</td>
<td>N0</td>
<td>1/6</td>
<td>Used</td>
</tr>
<tr>
<td>CD07</td>
<td>259</td>
<td>Change Type Code</td>
<td>O</td>
<td>ID</td>
<td>1/1</td>
<td>Used</td>
</tr>
<tr>
<td>CD08</td>
<td>140</td>
<td>Standard Carrier Alpha Code</td>
<td>X</td>
<td>ID</td>
<td>2/4</td>
<td>Used</td>
</tr>
<tr>
<td>CD09</td>
<td>697</td>
<td>Docket Control Number</td>
<td>X</td>
<td>AN</td>
<td>1/7</td>
<td>Used</td>
</tr>
<tr>
<td>CD10</td>
<td>690</td>
<td>Docket Identification</td>
<td>X</td>
<td>AN</td>
<td>1/11</td>
<td>Used</td>
</tr>
<tr>
<td>CD11</td>
<td>260</td>
<td>Group Title</td>
<td>O</td>
<td>AN</td>
<td>2/30</td>
<td>Used</td>
</tr>
</tbody>
</table>

Description:
- Code indicating how a specific segment's statement of a rate restriction is evaluated, and its relationship to rate restrictions stated within other segments of the same segment definition.
- Code defined in the official railway equipment register which identifies the type of restriction or provision applicable to a rate; when combined with element 499, a specific rate restriction or provision is represented.
- Identifies rate restrictions or provisions.
- Identifies rate restrictions or provisions.
- Identifies rate restrictions or provisions.
- Number assigned for differentiation within a transaction set.
- Code indicating change type. All valid standard codes are used.
- Standard Carrier Alpha Code.
- A grouping identification which, when combined with elements 140 and 690, provides a unique identity to a parcel of ratemaking activity.
- A sequence number which, when combined with elements 140 and 697, provides a unique identity to a parcel of ratemaking activity.
- The descriptive title of a data group.

Syntax Rules:
1. E0208 - Only one of CD02 or CD08 may be present.
2. C0302 - If CD03 is present, then CD02 is required.
3. C0402 - If CD04 is present, then CD02 is required.
4. C0502 - If CD05 is present, then CD02 is required.
5. P080910 - If either CD08, CD09 or CD10 are present, then the others are required.
6. C11080910 - If CD11 is present, then CD08, CD09 and CD10 are required.
**Semantics:**

1. CD08 is the Standard Carrier Alpha Code (SCAC) of the group docket owner.
X1

Export License

User Option (Usage): Used
Purpose: To transmit information contained on an export license

Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>X101</td>
<td>83</td>
<td>Code For Licensing, Certification, Registration, or Accreditation Agency</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Code identifying a licensing, certification, registration, or accreditation agency.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>E</td>
<td>Office of Export Administration</td>
</tr>
<tr>
<td>G</td>
<td>Department of Agriculture - Tobacco, Seeds &amp; Plants</td>
</tr>
<tr>
<td>I</td>
<td>Department of the Interior - U.S. Endangered Native Fish and Wildlife and Migratory Birds</td>
</tr>
<tr>
<td>J</td>
<td>Department of Justice - Narcotics and Dangerous Drugs</td>
</tr>
<tr>
<td>L</td>
<td>US Customs Service - Automated Export System</td>
</tr>
<tr>
<td>M</td>
<td>Maritime Administration - Watercraft (Other Than Vessels of War), Vessels Exported for Scrapping, Dismantling, Dismembering, or Destroying the Hulls Thereof (Also Controlled by Office of Export Administration)</td>
</tr>
<tr>
<td>N</td>
<td>Nuclear Regulatory Commission - Commodities Subject to the Atomic Energy Act</td>
</tr>
<tr>
<td>P</td>
<td>Federal Power Commission - Natural Gas and Electric Energy</td>
</tr>
<tr>
<td>S</td>
<td>Department of State - Arms, Ammunition, Implements of War; Vessels of War</td>
</tr>
<tr>
<td>T</td>
<td>Department of Treasury - Gold</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>X102</td>
<td>50</td>
<td>Export License Number</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Government assigned identification number for exporter</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>X103</td>
<td>51</td>
<td>Export License Status Code</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Code defining whether the shipment completes the terms of the license, or the shipment is only a partial delivery relative to the license terms All valid standard codes are used.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>X104</td>
<td>373</td>
<td>Date</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year</td>
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</tbody>
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<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>X105</td>
<td>52</td>
<td>Export License Symbol Code</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Code which specifies the export symbol marked on a shipment</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>G-Dest - Shipments of Commodities to Destination Not Requiring a Validated License</td>
</tr>
<tr>
<td>2</td>
<td>GLV - Shipments of Limited Value</td>
</tr>
<tr>
<td>3</td>
<td>GIT - In-transit Shipments</td>
</tr>
<tr>
<td>4</td>
<td>GUS - Shipments to Personnel and Agencies of the U.S. Government</td>
</tr>
<tr>
<td>5</td>
<td>GLC - Exports of Commercial Vehicles by Certain Civil Airlines and by Private Common Carrier</td>
</tr>
<tr>
<td>6</td>
<td>GTF-US - Goods Imported for Display at U.S. Exhibitions or Trade Fairs</td>
</tr>
<tr>
<td>7</td>
<td>GLR - Return or Replacement of Certain Commodities</td>
</tr>
<tr>
<td>8</td>
<td>GIFT - Shipment of Gift Parcels</td>
</tr>
<tr>
<td>9</td>
<td>GATS - Aircraft on Temporary Sojourn</td>
</tr>
<tr>
<td>10</td>
<td>GMS - Shipments Under the Mutual Security Act</td>
</tr>
</tbody>
</table>
11 GTD & GTDR - Technical Data
CN Automated Export System (AES) Ultimate Destination Canada
DP Automated Export System (AES) Diplomatic Pouches
GS Automated Export System (AES) Shipments to U. S. Agencies
HH Automated Export System (AES) Household Shipment
HR Automated Export System (AES) Human Remains
MS Automated Export System (AES) U. S. Military Supplies
PP Automated Export System (AES) Personal Property
UP Automated Export System (AES) Shipments between US Possessions except
Virgin Islands
UR Automated Export System (AES) Unreported Low Value Shipment

X106 48 Export License Control Code
Description: Code indicating the type of control applicable to the export license
All valid standard codes are used.

X107 26 Country Code
Description: Code identifying the country

X108 141 Schedule B Code
Description: Code identifying commodity number established for international statistical
purposes

X109 210 International/Domestic Code
Description: Code indicating international or domestic shipment
All valid standard codes are used.

X110 80 Lading Quantity
Description: Number of units (pieces) of the lading commodity

X111 148 Lading Value
Description: Value of shipment for export, expressed in the standard monetary denomination
for the currency specified

X112 47 Export Filing Key Code
Description: Code indicating the type of communications with customs
All valid standard codes are used.

X113 355 Unit or Basis for Measurement Code
Description: Code specifying the units in which a value is being expressed, or manner in
which a measurement has been taken
All valid standard codes are used.

X114 212 Unit Price
Description: Price per unit of product, service, commodity, etc.

X115 1306 U.S. Government License Type
Description: Code to identify the type of government license involved

X116 67 Identification Code
Description: Code identifying a party or other code

X117 310 Location Identifier
Description: Code which identifies a specific location

Semantics:
1. X104 is the export license expiration date.
2. X116 is the export classification code number (ECCN).
3. X117 is the Schedule D designation for the central location where the Shipper Export Declarations (SEDs) have been batch filed.
Loop T1

User Option (Usage): Used

Purpose: To specify origin point and waybill references of movement to transit waybill point

Loop Summary:

<table>
<thead>
<tr>
<th>Pos</th>
<th>Id</th>
<th>Segment Name</th>
<th>Req</th>
<th>Max Use</th>
<th>Repeat</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>6000</td>
<td>T1</td>
<td>Transit Inbound Origin</td>
<td>O</td>
<td>1</td>
<td></td>
<td>Used</td>
</tr>
<tr>
<td>6100</td>
<td>T2</td>
<td>Transit Inbound Lading</td>
<td>O</td>
<td>30</td>
<td></td>
<td>Used</td>
</tr>
<tr>
<td>6200</td>
<td>T3</td>
<td>Transit Inbound Route</td>
<td>O</td>
<td>12</td>
<td></td>
<td>Used</td>
</tr>
<tr>
<td>6300</td>
<td>T6</td>
<td>Transit Inbound Rates</td>
<td>O</td>
<td>1</td>
<td></td>
<td>Used</td>
</tr>
<tr>
<td>6400</td>
<td>T8</td>
<td>Free-form Transit Data</td>
<td>O</td>
<td>99</td>
<td></td>
<td>Used</td>
</tr>
</tbody>
</table>
## T1 - Transit Inbound Origin

<table>
<thead>
<tr>
<th>Reference</th>
<th>ID</th>
<th>Element Name</th>
<th>Requirement</th>
<th>Type</th>
<th>Minimum/Maximum</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>T101</td>
<td>554</td>
<td>Assigned Number</td>
<td>M</td>
<td>N0</td>
<td>1/6</td>
<td>Must Use</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Number assigned for differentiation within a transaction set</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>T102</td>
<td>186</td>
<td>Waybill Number</td>
<td>O</td>
<td>N0</td>
<td>1/6</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Carrier accounting number of the waybill for the inbound movement</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>T103</td>
<td>373</td>
<td>Date</td>
<td>O</td>
<td>DT</td>
<td>8/8</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>T104</td>
<td>140</td>
<td>Standard Carrier Alpha Code</td>
<td>O</td>
<td>ID</td>
<td>2/4</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Standard Carrier Alpha Code</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>T105</td>
<td>19</td>
<td>City Name</td>
<td>X</td>
<td>AN</td>
<td>2/30</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Free-form text for city name</td>
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<tr>
<td>T106</td>
<td>156</td>
<td>State or Province Code</td>
<td>X</td>
<td>ID</td>
<td>2/2</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Code (Standard State/Province) as defined by appropriate government agency</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>T107</td>
<td>154</td>
<td>Standard Point Location Code</td>
<td>O</td>
<td>ID</td>
<td>6/9</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Code (Standard Point Location) defined by National Motor Freight Tariff Association (NMFTA) or the Canadian Transportation Agency (CTA) point development group as the official code assigned to a city or point (for ratemaking purposes) within a city</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>T108</td>
<td>229</td>
<td>Transit Registration Number</td>
<td>O</td>
<td>AN</td>
<td>1/6</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Freight bill or bureau number used to identify a transit shipment</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>T109</td>
<td>461</td>
<td>Transit Level Code</td>
<td>O</td>
<td>ID</td>
<td>1/3</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Code indicating level of inbound transit references All valid standard codes are used.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>T110</td>
<td>128</td>
<td>Reference Identification Qualifier</td>
<td>X</td>
<td>ID</td>
<td>2/3</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Code qualifying the Reference Identification</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Code</strong></td>
<td><strong>Name</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BL</td>
<td>Government Bill of Lading</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BM</td>
<td>Bill of Lading Number</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BN</td>
<td>Booking Number</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CO</td>
<td>Customer Order Number</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CR</td>
<td>Customer Reference Number</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>OB</td>
<td>Ocean Bill of Lading</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SI</td>
<td>Shipper's Identifying Number for Shipment (SID)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>T111</td>
<td>127</td>
<td>Reference Identification</td>
<td>X</td>
<td>AN</td>
<td>1/80</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Syntax Rules:
1. P0506 - If either T105 or T106 is present, then the other is required.
2. P1011 - If either T110 or T111 is present, then the other is required.

**Semantics:**

1. Related T1, T2, and T3 segments have the same transit sequence number value in the first data element.
2. T102 will contain the inbound shipment waybill numbers.
3. T103 will contain the inbound shipment waybill date.
4. T104 is the Standard Carrier Alpha Code (SCAC) of the origin carrier.
5. T105 is the origin station for movement.
6. T110 and T111 are used on local transit only, to convey the previous Inbound Transit Bill of Lading Number or Shipment Identification Number.
T2

Transit Inbound Lading

User Option (Usage): Used
Purpose: To specify lading description, including weight and rate details applying to the associated T1 segment

Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>T201</td>
<td>554</td>
<td>Assigned Number</td>
<td>M</td>
<td>N0</td>
<td>1/6</td>
<td>Must use</td>
</tr>
</tbody>
</table>

  Description: Number assigned for differentiation within a transaction set

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>T202</td>
<td>79</td>
<td>Lading Description</td>
<td>O</td>
<td>AN</td>
<td>1/50</td>
<td>Used</td>
</tr>
</tbody>
</table>

  Description: Description of an item as required for rating and billing purposes

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>T203</td>
<td>81</td>
<td>Weight</td>
<td>O</td>
<td>R</td>
<td>1/10</td>
<td>Used</td>
</tr>
</tbody>
</table>

  Description: Numeric value of weight

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>T204</td>
<td>187</td>
<td>Weight Qualifier</td>
<td>O</td>
<td>ID</td>
<td>1/2</td>
<td>Used</td>
</tr>
</tbody>
</table>

  Description: Code defining the type of weight

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>Billed Weight</td>
</tr>
<tr>
<td>E</td>
<td>Estimated Net Weight</td>
</tr>
<tr>
<td>G</td>
<td>Gross Weight</td>
</tr>
<tr>
<td>K</td>
<td>Clean Out</td>
</tr>
<tr>
<td>M</td>
<td>Minimum Weight (for rate)</td>
</tr>
<tr>
<td>N</td>
<td>Actual Net Weight</td>
</tr>
<tr>
<td>O</td>
<td>Excess Weight Over Maximum</td>
</tr>
<tr>
<td>X</td>
<td>Maximum Weight (for Rate)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>T205</td>
<td>60</td>
<td>Freight Rate</td>
<td>X</td>
<td>R</td>
<td>1/9</td>
<td>Used</td>
</tr>
</tbody>
</table>

  Description: Rate that applies to the specific commodity

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>T206</td>
<td>122</td>
<td>Rate/Value Qualifier</td>
<td>X</td>
<td>ID</td>
<td>2/2</td>
<td>Used</td>
</tr>
</tbody>
</table>

  Description: Code qualifying how to extend charges or interpret value
  All valid standard codes are used.

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>T207</td>
<td>60</td>
<td>Freight Rate</td>
<td>X</td>
<td>R</td>
<td>1/9</td>
<td>Used</td>
</tr>
</tbody>
</table>

  Description: Rate that applies to the specific commodity

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>T208</td>
<td>122</td>
<td>Rate/Value Qualifier</td>
<td>X</td>
<td>ID</td>
<td>2/2</td>
<td>Used</td>
</tr>
</tbody>
</table>

  Description: Code qualifying how to extend charges or interpret value
  All valid standard codes are used.

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>T209</td>
<td>19</td>
<td>City Name</td>
<td>O</td>
<td>AN</td>
<td>2/30</td>
<td>Used</td>
</tr>
</tbody>
</table>

  Description: Free-form text for city name

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>T210</td>
<td>19</td>
<td>City Name</td>
<td>O</td>
<td>AN</td>
<td>2/30</td>
<td>Used</td>
</tr>
</tbody>
</table>

  Description: Free-form text for city name

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>T211</td>
<td>462</td>
<td>Through Surcharge Percent</td>
<td>O</td>
<td>N2</td>
<td>2/4</td>
<td>Used</td>
</tr>
</tbody>
</table>

  Description: Percentage of through freight charges to be charged extra as a surcharge

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>T212</td>
<td>463</td>
<td>Paid-In Surcharge Percent</td>
<td>O</td>
<td>N2</td>
<td>2/4</td>
<td>Used</td>
</tr>
</tbody>
</table>

  Description: Percentage of paid-in freight charges to be charged extra as a surcharge
Syntax Rules:
1. P0506 - If either T205 or T206 is present, then the other is required.
2. P0708 - If either T207 or T208 is present, then the other is required.

Semantics:
1. T203 is the transit portion weight from inbound movement.
2. In T209, "City" is used for the combination through-rate city.
3. In T210, "City" is used for the combination paid-in city.

Comments:
1. Related T1, T2, and T3 segments have the same transit sequence number value in the first data element.
2. T205 is the through-freight-rate that applies to the shipment from the point of origin inland movement to the point of destination of the current movement.
3. T207 is the paid-in-rate basis of the paid-in portion of the shipment.
### T3

**Transit Inbound Route**

<table>
<thead>
<tr>
<th>Pos: 6200</th>
<th>Max: 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heading - Optional</td>
<td>Loop: T1</td>
</tr>
<tr>
<td>Elements: 7</td>
<td></td>
</tr>
</tbody>
</table>

**User Option (Usage):** Used  
**Purpose:** To specify transit inbound routing, including equipment identifications for associated T1 and T2 segments

**Element Summary:**

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>T301</td>
<td>554</td>
<td>Assigned Number</td>
<td>M</td>
<td>N0</td>
<td>1/6</td>
<td>Must use</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Number assigned for differentiation within a transaction set</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>T302</td>
<td>140</td>
<td>Standard Carrier Alpha Code</td>
<td>M</td>
<td>ID</td>
<td>2/4</td>
<td>Must use</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Standard Carrier Alpha Code</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>T303</td>
<td>133</td>
<td>Routing Sequence Code</td>
<td>O</td>
<td>ID</td>
<td>1/2</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Code describing the relationship of a carrier to a specific shipment movement</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Code | Name
--- |------
1 | 1st Carrier after Origin Carrier
2 | 2nd Carrier after Origin Carrier
3 | 3rd Carrier after Origin Carrier
4 | 4th Carrier after Origin Carrier
5 | 5th Carrier after Origin Carrier
6 | 6th Carrier after Origin Carrier
7 | 7th Carrier after Origin Carrier
8 | 8th Carrier after Origin Carrier
9 | 9th Carrier after Origin Carrier
A | Origin Carrier, Agent's Routing (Rail)
D | DELY (Delivery Switch Carrier)
I | Origin Switch Carrier
R | Origin Carrier, Rule 11 Shipment
S | Origin Carrier, Shipper's Routing (Rail)
V | Intermediate Switch Carrier
JD | Junction Settlement Carrier Following (Destination carrier receiving revenues resulting from junction contract)
JO | Junction Settlement Carrier Predecessor (Origin carrier receiving revenues resulting from junction contract)

<table>
<thead>
<tr>
<th>T304</th>
<th>19</th>
<th>City Name</th>
<th>O</th>
<th>AN</th>
<th>2/30</th>
<th>Used</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Free-form text for city name</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>T305</th>
<th>154</th>
<th>Standard Point Location Code</th>
<th>O</th>
<th>ID</th>
<th>6/9</th>
<th>Used</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Code (Standard Point Location) defined by National Motor Freight Tariff Association (NMFTA) or the Canadian Transportation Agency (CTA) point development group as the official code assigned to a city or point (for ratemaking purposes) within a city</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>T306</th>
<th>206</th>
<th>Equipment Initial</th>
<th>X</th>
<th>AN</th>
<th>1/4</th>
<th>Used</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Prefix or alphabetic part of an equipment unit's identifying number</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>T307</th>
<th>207</th>
<th>Equipment Number</th>
<th>X</th>
<th>AN</th>
<th>1/15</th>
<th>Used</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Syntax Rules:**

1. P0607 - If either T306 or T307 is present, then the other is required.
Semantics:
1. T306 will contain the equipment initial of the inbound car.
2. T307 will contain the equipment number of the inbound car.

Comments:
1. Related T1, T2, and T3 segments have the same transit sequence number value in the first data element.
2. T304 is the station or city name at which carriers interchange shipments. T304 will contain the Association of American Railroads (AAR) Accounting Rule 260 junction rule.
### T6

**Transit Inbound Rates**

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Reg</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>T601</td>
<td>554</td>
<td>Assigned Number</td>
<td>M</td>
<td>N0</td>
<td>1/6</td>
<td>Must use</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Number assigned for differentiation within a transaction set</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>T602</td>
<td>60</td>
<td>Freight Rate</td>
<td>X</td>
<td>R</td>
<td>1/9</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Rate that applies to the specific commodity</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>T603</td>
<td>122</td>
<td>Rate/Value Qualifier</td>
<td>X</td>
<td>ID</td>
<td>2/2</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Code qualifying how to extend charges or interpret value All valid standard codes are used.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>T604</td>
<td>19</td>
<td>City Name</td>
<td>O</td>
<td>AN</td>
<td>2/30</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Free-form text for city name</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>T605</td>
<td>60</td>
<td>Freight Rate</td>
<td>X</td>
<td>R</td>
<td>1/9</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Rate that applies to the specific commodity</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>T606</td>
<td>122</td>
<td>Rate/Value Qualifier</td>
<td>X</td>
<td>ID</td>
<td>2/2</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Code qualifying how to extend charges or interpret value All valid standard codes are used.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>T607</td>
<td>19</td>
<td>City Name</td>
<td>O</td>
<td>AN</td>
<td>2/30</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> Free-form text for city name</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Syntax Rules:**
1. P0203 - If either T602 or T603 is present, then the other is required.
2. P0506 - If either T605 or T606 is present, then the other is required.

**Semantics:**
1. T602 is the through-freight-rate that applies to the shipment from the point of origin of the inland movement to the point of destination of the current billing movement.
2. In T604, "City" is used for the combination through-rate city.
3. T605 is the paid-in-rate basis of the paid-in portion of the shipment.

**Comments:**
1. T601 must contain the same number that is on the corresponding T1 segment.
2. In T607, "City" is used for the combination paid-in rate city.
T8  Free-form Transit Data

User Option (Usage): Used
Purpose: To transmit information in a free-form format relating to a specified transit sequence number

Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>T801</td>
<td>554</td>
<td>Assigned Number</td>
<td>M</td>
<td>N0</td>
<td>1/6</td>
<td>Must use</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Number assigned for differentiation within a transaction set</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>T802</td>
<td>299</td>
<td>Transit Free-form Data</td>
<td>M</td>
<td>AN</td>
<td>1/80</td>
<td>Must use</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Free-form data relative to inbound transit information</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Comments:
1. T801 must contain the same transit sequence number that is on the corresponding T1.
Loop LS

User Option (Usage): Used
Purpose: To indicate that the next segment begins a loop

Loop Summary:

<table>
<thead>
<tr>
<th>Pos</th>
<th>Id</th>
<th>Segment Name</th>
<th>Req</th>
<th>Max Use</th>
<th>Repeat</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>6600</td>
<td>LS</td>
<td>Loop Header</td>
<td>O</td>
<td>1</td>
<td></td>
<td>Used</td>
</tr>
<tr>
<td>6700</td>
<td></td>
<td>Loop LH1</td>
<td>O</td>
<td>1000</td>
<td></td>
<td>Used</td>
</tr>
<tr>
<td>7500</td>
<td>LE</td>
<td>Loop Trailer</td>
<td>M</td>
<td>1</td>
<td></td>
<td>Used</td>
</tr>
</tbody>
</table>
**LS**  
**Loop Header**

User Option (Usage): Used  
Purpose: To indicate that the next segment begins a loop

**Element Summary:**

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>LS01</td>
<td>447</td>
<td>Loop Identifier Code</td>
<td>M</td>
<td>AN</td>
<td>1/4</td>
<td>Must use</td>
</tr>
</tbody>
</table>

**Description:** The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE

**Semantics:**

1. One loop may be nested contained within another loop, provided the inner nested loop terminates before the outer loop. When specified by the standard setting body as mandatory, this segment in combination with "LE", must be used. It is not to be used if not specifically set forth for use. The loop identifier in the loop header and trailer must be identical. The value for the identifier is the loop ID of the required loop segment. The loop ID number is given on the transaction set diagram in the appropriate ASC X12 version/release.

**Comments:**

1. See Figures Appendix for an explanation of the use of the LS and LE segments.
## Loop LH1

**User Option (Usage):** Used  
**Purpose:** To specify the hazardous commodity identification reference number and quantity

### Loop Summary:

<table>
<thead>
<tr>
<th>Pos</th>
<th>Id</th>
<th>Segment Name</th>
<th>Req</th>
<th>Max Use</th>
<th>Repeat</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>6700</td>
<td>LH1</td>
<td>Hazardous Identification Information</td>
<td>O</td>
<td>1</td>
<td>1000</td>
<td>Used</td>
</tr>
<tr>
<td>6800</td>
<td>LH2</td>
<td>Hazardous Classification Information</td>
<td>O</td>
<td>4</td>
<td>1</td>
<td>Used</td>
</tr>
<tr>
<td>6900</td>
<td>LH3</td>
<td>Hazardous Material Shipping Name Information</td>
<td>O</td>
<td>10</td>
<td>1</td>
<td>Used</td>
</tr>
<tr>
<td>7000</td>
<td>LFH</td>
<td>Free-form Hazardous Material Information</td>
<td>O</td>
<td>20</td>
<td>1</td>
<td>Used</td>
</tr>
<tr>
<td>7100</td>
<td>LEP</td>
<td>EPA Required Data</td>
<td>O</td>
<td>3</td>
<td>1</td>
<td>Used</td>
</tr>
<tr>
<td>7200</td>
<td>LH4</td>
<td>Canadian Dangerous Requirements</td>
<td>O</td>
<td>4</td>
<td>1</td>
<td>Used</td>
</tr>
<tr>
<td>7300</td>
<td>LHT</td>
<td>Transborder Hazardous Requirements</td>
<td>O</td>
<td>3</td>
<td>1</td>
<td>Used</td>
</tr>
<tr>
<td>7400</td>
<td>LHR</td>
<td>Hazardous Material Identifying Reference Numbers</td>
<td>O</td>
<td>5</td>
<td>1</td>
<td>Used</td>
</tr>
<tr>
<td>7450</td>
<td>PER</td>
<td>Administrative Communications Contact</td>
<td>O</td>
<td>5</td>
<td>1</td>
<td>Used</td>
</tr>
<tr>
<td>7460</td>
<td></td>
<td>Loop N1</td>
<td>O</td>
<td>10</td>
<td>1</td>
<td>Used</td>
</tr>
</tbody>
</table>
### LH1 Hazardous Identification Information

**User Option (Usage):** Used  
**Purpose:** To specify the hazardous commodity identification reference number and quantity

#### Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>LH101</td>
<td>355</td>
<td>Unit or Basis for Measurement Code</td>
<td>M</td>
<td>ID</td>
<td>2/2</td>
<td>Must use</td>
</tr>
</tbody>
</table>
|      |      | **Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken  
|      |      | All valid standard codes are used. |
| LH102| 80   | Lading Quantity               | M   | N0   | 1/7     | Must use     |
|      |      | **Description:** Number of units (pieces) of the lading commodity |
| LH103| 277  | UN/NA Identification Code     | O   | ID   | 6/6     | Used         |
|      |      | **Description:** 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     | Used         |
|      |      | **Description:** The United Nations page number as required for the international transport of hazardous materials |
| LH105| 22   | Commodity Code                | O   | AN   | 1/30    | Used         |
|      |      | **Description:** Code describing a commodity or group of commodities |
| LH106| 355  | Unit or Basis for Measurement Code | O   | ID   | 2/2     | Used         |
|      |      | **Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken  
|      |      | All valid standard codes are used. |
| LH107| 380  | Quantity                      | O   | R    | 1/15    | Used         |
|      |      | **Description:** Numeric value of quantity |
| LH108| 595  | Compartment ID Code           | O   | ID   | 1/1     | Used         |
|      |      | **Description:** Code identifying the compartment in a compartmentalized tank car  
|      |      | All valid standard codes are used. |
| LH109| 665  | Residue Indicator Code        | O   | ID   | 1/1     | Used         |
|      |      | **Description:** Code indicating that the material being described is that which remains in a packaging (including a tank car) after it has been unloaded  
|      |      | All valid standard codes are used. |
| LH110| 254  | Packing Group Code            | O   | ID   | 1/3     | Used         |
|      |      | **Description:** Code indicating degree of danger in terms of Roman number I, II or III |
| LH112| 1271 | Industry Code                 | O   | AN   | 1/30    | Used         |
|      |      | **Description:** Code indicating a code from a specific industry code list |

#### Semantics:

1. LH112 is the packaging form code for the non-bulk container passed in the LH101 as defined in 49 CFR 178 and required by 49 CFR 172. (See Code Source 937)

#### 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 shipments.
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.
## LH2 Hazardous Classification Information

**User Option (Usage):** Used  
**Purpose:** To specify the hazardous notation and endorsement information

### Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>LH201</td>
<td>215</td>
<td>Hazardous Classification</td>
<td>O</td>
<td>ID</td>
<td>1/30</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> The hazardous classification corresponding to the shipping name of the hazardous commodity</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LH202</td>
<td>983</td>
<td>Hazardous Class Qualifier</td>
<td>O</td>
<td>ID</td>
<td>1/1</td>
<td>Used</td>
</tr>
</tbody>
</table>
|      |     | **Description:** Code qualifying hazardous class  
|      |     | **All valid standard codes are used.** |
| LH205 | 759 | Reportable Quantity Code     | O   | ID   | 2/2     | Used  |
|      |     | **Description:** Code to identify presence of hazardous substance  
|      |     | **All valid standard codes are used.** |
| LH206 | 355 | Unit or Basis for Measurement Code | X   | ID   | 2/2     | Used  |
|      |     | **Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken |
| Code | Name                  |
| CE   | Centigrade, Celsius   |
| FA   | Fahrenheit            |
| LH207 | 408 | Temperature               | X   | R    | 1/4     | Used  |
|      |     | **Description:** Temperature |
| LH208 | 355 | Unit or Basis for Measurement Code | X   | ID   | 2/2     | Used  |
|      |     | **Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken |
| Code | Name                  |
| CE   | Centigrade, Celsius   |
| FA   | Fahrenheit            |
| LH209 | 408 | Temperature               | X   | R    | 1/4     | Used  |
|      |     | **Description:** Temperature |
| LH210 | 355 | Unit or Basis for Measurement Code | X   | ID   | 2/2     | Used  |
|      |     | **Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken |
| Code | Name                  |
| CE   | Centigrade, Celsius   |
| FA   | Fahrenheit            |
| LH211 | 408 | Temperature               | X   | R    | 1/4     | Used  |
|      |     | **Description:** Temperature |
| LH212 | 188 | Weight Unit Code          | X   | ID   | 1/1     | Used  |
|      |     | **Description:** Code specifying the weight unit  
|      |     | **All valid standard codes are used.** |
LH213 267 Net Explosive Quantity X N0 1/10 Used

**Description:** Net weight of the explosive quantity of the hazardous commodity

**Syntax Rules:**
1. P0607 - If either LH206 or LH207 is present, then the other is required.
2. P0809 - If either LH208 or LH209 is present, then the other is required.
3. P1011 - If either LH210 or LH211 is present, then the other is required.
4. P1213 - If either LH212 or LH213 is present, then the other is required.

**Semantics:**
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.
LH3 Hazardous Material Shipping Name Information

User Option (Usage): Used
Purpose: To specify the hazardous material shipping name and additional descriptive requirements

Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>LH301</td>
<td>224</td>
<td>Hazardous Material Shipping Name</td>
<td>X</td>
<td>AN</td>
<td>1/25</td>
<td>Used</td>
</tr>
</tbody>
</table>

**Description:** 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.

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>LH302</td>
<td>984</td>
<td>Hazardous Material Shipping Name Qualifier</td>
<td>X</td>
<td>ID</td>
<td>1/1</td>
<td>Used</td>
</tr>
</tbody>
</table>

**Description:** Qualifier indicating the source (regulatory) of the proper shipping name. All valid standard codes are used.

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>LH303</td>
<td>985</td>
<td>N.O.S. Indicator Code</td>
<td>O</td>
<td>ID</td>
<td>3/3</td>
<td>Used</td>
</tr>
</tbody>
</table>

**Description:** Code indicating the type of regulatory requirements that apply to a description; N.O.S. stands for Not Otherwise Specified. All valid standard codes are used.

Syntax Rules:
1. P0102 - If either LH301 or LH302 is present, then the other is required.

Semantics:
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.
# LFH

## Free-form Hazardous Material Information

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Ref</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>LFH01</td>
<td>808</td>
<td>Hazardous Material Shipment Information Qualifier</td>
<td>M</td>
<td>ID</td>
<td>3/3</td>
<td>Must use</td>
</tr>
</tbody>
</table>

**Description:** Qualifier indicating the type of information being passed so that a receiver may format a description of hazardous commodity movements that meets regulatory requirements.

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADI</td>
<td>Additional Descriptive Information Not Required by Regulation but Desired to Accompany the Movement by the Shipper</td>
</tr>
<tr>
<td>D13</td>
<td>&quot;DOT - 113, Do Not Bump or Cut Off Car While in Motion&quot; Declaration</td>
</tr>
<tr>
<td>D20</td>
<td>&quot;DOT - 204, Do Not Bump or Cut Off Car While in Motion&quot; Declaration</td>
</tr>
<tr>
<td>DRC</td>
<td>Damaged Car Number</td>
</tr>
<tr>
<td>EQP</td>
<td>Conveyed Equipment Identification</td>
</tr>
<tr>
<td>FUM</td>
<td>Fumigation Declaration</td>
</tr>
<tr>
<td>HOT</td>
<td>Identifies Products in a Heated Molten State</td>
</tr>
<tr>
<td>HZC</td>
<td>Hazardous Substance Constituents</td>
</tr>
<tr>
<td>INH</td>
<td>Inhalation Hazard</td>
</tr>
<tr>
<td>LOY</td>
<td>&quot;Limited Quantity&quot; Declaration</td>
</tr>
<tr>
<td>MOS</td>
<td>Maximum Operating Speed</td>
</tr>
<tr>
<td>MPI</td>
<td>Marine Pollutant</td>
</tr>
<tr>
<td>PIH</td>
<td>&quot;Poison - Inhalation Hazard&quot; Declaration</td>
</tr>
<tr>
<td>POI</td>
<td>&quot;Poison&quot; Declaration</td>
</tr>
<tr>
<td>RAM</td>
<td>Radioactive Material Data</td>
</tr>
<tr>
<td>TEC</td>
<td>Technical or Chemical Group Name</td>
</tr>
<tr>
<td>TNM</td>
<td>Trade Name</td>
</tr>
<tr>
<td>WST</td>
<td>Waste Declaration</td>
</tr>
</tbody>
</table>

| LFH02 | 809 | Hazardous Material Shipment Information | M   | AN   | 1/25   | Must use |

**Description:** Specific information required by law for hazardous material shipments

| LFH03 | 809 | Hazardous Material Shipment Information | O   | AN   | 1/25   | Used |

**Description:** Specific information required by law for hazardous material shipments

| LFH04 | 1023 | Hazard Zone Code | O   | ID   | 1/1    | Used |

**Description:** Code specifying the Department of Transportation assigned zone designating the Inhalation Toxicity Hazard Zone. All valid standard codes are used.

| LFH05 | 355 | Unit or Basis for Measurement Code | X   | ID   | 2/2    | Used |

**Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>1T</td>
<td>Terabecquerel</td>
</tr>
<tr>
<td>4N</td>
<td>Megabecquerel</td>
</tr>
<tr>
<td>G4</td>
<td>Gigabecquerel</td>
</tr>
<tr>
<td>R2</td>
<td>Becquerel</td>
</tr>
<tr>
<td>Field</td>
<td>Code</td>
</tr>
<tr>
<td>--------</td>
<td>------</td>
</tr>
<tr>
<td>LFH06</td>
<td>380</td>
</tr>
<tr>
<td>LFH07</td>
<td>380</td>
</tr>
<tr>
<td>LFH08</td>
<td>373</td>
</tr>
</tbody>
</table>

**Syntax Rules:**
1. P0506 - If either LFH05 or LFH06 is present, then the other is required.

**Semantics:**
1. LFH06 indicates activity of the radioactive material.
2. LFH07 indicates transport index of the radioactive material.
3. LFH08 is the date fumigation began.
LEP

EPA Required Data

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

Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEP01</td>
<td>806</td>
<td>EPA Waste Stream Number Code</td>
<td>O</td>
<td>ID</td>
<td>4/6</td>
<td>Used</td>
</tr>
</tbody>
</table>

Description:
Waste stream number applicable to the movement of hazardous waste as determined by government regulations

Syntax Rules:
1. P0304 - If either LEP03 or LEP04 is present, then the other is required.

Semantics:
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.
LH4  Canadian Dangerous Requirements

User Option (Usage): Used
Purpose: To specify additional Transport Canada requirements covering transportation of dangerous goods in Canada

Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Ref</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>LH401</td>
<td>238</td>
<td>Emergency Response Plan Number</td>
<td>X</td>
<td>AN</td>
<td>1/12</td>
<td>Used</td>
</tr>
<tr>
<td>LH402</td>
<td>364</td>
<td>Communication Number</td>
<td>X</td>
<td>AN</td>
<td>1/256</td>
<td>Used</td>
</tr>
</tbody>
</table>

Description:
The identity number of a specific hazardous emergency response plan that is assigned by the Director General of Canada.

Description:
Complete communications number including country or area code when applicable.

Syntax Rules:
1. P0102 - If either LH401 or LH402 is present, then the other is required.
2. P0812 - If either LH408 or LH412 is present, then the other is required.

Semantics:
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.
**LHT Transborder Hazardous Requirements**

**User Option (Usage):** Used

**Purpose:** To specify the placard information required by the second government agency when shipment is to cross into another country

**Element Summary:**

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Reg</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>LHT01</td>
<td>215</td>
<td>Hazardous Classification</td>
<td>O</td>
<td>ID</td>
<td>1/30</td>
<td>Used</td>
</tr>
</tbody>
</table>

**Description:** The hazardous classification corresponding to the shipping name of the hazardous commodity
# LHR Hazardous Material Identifying Reference Numbers

**User Option (Usage):** Used  
**Purpose:** To transmit specific hazardous material reference numbers

## Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>LHR01</td>
<td>128</td>
<td>Reference Identification Qualifier</td>
<td>M</td>
<td>ID</td>
<td>2/3</td>
<td>Must use</td>
</tr>
</tbody>
</table>

**Description:** Code qualifying the Reference Identification

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>AH</td>
<td>Agreement Number</td>
</tr>
<tr>
<td>HA</td>
<td>Competent Authority</td>
</tr>
<tr>
<td>HD</td>
<td>Department of Transportation Hazardous Number</td>
</tr>
<tr>
<td>HE</td>
<td>Hazardous Exemption Number</td>
</tr>
<tr>
<td>PN</td>
<td>Permit Number</td>
</tr>
<tr>
<td>S0</td>
<td>Special Approval</td>
</tr>
<tr>
<td>MDN</td>
<td>Hazardous Waste Manifest Document Number</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>LHR02</td>
<td>127</td>
<td>Reference Identification</td>
<td>M</td>
<td>AN</td>
<td>1/80</td>
<td>Must use</td>
</tr>
</tbody>
</table>

**Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>LHR03</td>
<td>373</td>
<td>Date</td>
<td>O</td>
<td>DT</td>
<td>8/8</td>
<td>Used</td>
</tr>
</tbody>
</table>

**Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year
### PER Administrative Communications Contact

**User Option (Usage):** Used  
**Purpose:** To identify a person or office to whom administrative communications should be directed

### Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>PER01</td>
<td>366</td>
<td>Contact Function Code</td>
<td>M</td>
<td>ID</td>
<td>2/2</td>
<td>Must use</td>
</tr>
</tbody>
</table>

**Description:** Code identifying the major duty or responsibility of the person or group named

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>CN</td>
<td>General Contact</td>
</tr>
<tr>
<td>HM</td>
<td>Hazardous Material Contact</td>
</tr>
</tbody>
</table>

| PER02 | 93 | Name | O | AN | 1/60 | Used |

**Description:** Free-form name

| PER03 | 365 | Communication Number Qualifier | X | ID | 2/2 | Used |

**Description:** Code identifying the type of communication number

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>TE</td>
<td>Telephone</td>
</tr>
</tbody>
</table>

| PER04 | 364 | Communication Number | X | AN | 1/256 | Used |

**Description:** Complete communications number including country or area code when applicable

### Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.  
2. P0506 - If either PER05 or PER06 is present, then the other is required.  
3. P0708 - If either PER07 or PER08 is present, then the other is required.
Loop N1

User Option (Usage): Used
Purpose: To identify a party by type of organization, name, and code

Loop Summary:

<table>
<thead>
<tr>
<th>Pos</th>
<th>Id</th>
<th>Segment Name</th>
<th>Req</th>
<th>Max Use</th>
<th>Repeat</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>7460</td>
<td>N1</td>
<td>Party Identification</td>
<td>O</td>
<td>1</td>
<td></td>
<td>Used</td>
</tr>
<tr>
<td>7470</td>
<td>N3</td>
<td>Party Location</td>
<td>O</td>
<td>2</td>
<td></td>
<td>Used</td>
</tr>
<tr>
<td>7480</td>
<td>N4</td>
<td>Geographic Location</td>
<td>O</td>
<td>1</td>
<td></td>
<td>Used</td>
</tr>
<tr>
<td>7490</td>
<td>PER</td>
<td>Administrative Communications Contact</td>
<td>O</td>
<td>2</td>
<td></td>
<td>Used</td>
</tr>
</tbody>
</table>
### Party Identification

**User Option (Usage):** Used  
**Purpose:** To identify a party by type of organization, name, and code

#### Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>N101</td>
<td>98</td>
<td>Entity Identifier Code</td>
<td>M</td>
<td>ID</td>
<td>2/3</td>
<td>Must use</td>
</tr>
</tbody>
</table>

**Description:** Code identifying an organizational entity, a physical location, property or an individual

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>CN</td>
<td>Consignee</td>
</tr>
<tr>
<td>CT</td>
<td>Country of Origin</td>
</tr>
<tr>
<td>HW</td>
<td>Designated Hazardous Waste Facility</td>
</tr>
<tr>
<td>HX</td>
<td>Transporter of Hazardous Waste</td>
</tr>
<tr>
<td>HZ</td>
<td>Hazardous Waste Generator</td>
</tr>
<tr>
<td>SH</td>
<td>Shipper</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>N102</td>
<td>93</td>
<td>Name</td>
<td>X</td>
<td>AN</td>
<td>1/60</td>
<td>Used</td>
</tr>
</tbody>
</table>

**Description:** Free-form name

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>N103</td>
<td>66</td>
<td>Identification Code Qualifier</td>
<td>X</td>
<td>ID</td>
<td>1/2</td>
<td>Used</td>
</tr>
</tbody>
</table>

**Description:** Code designating the system/method of code structure used for Identification Code (67)

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>38</td>
<td>Country Code</td>
</tr>
<tr>
<td>C5</td>
<td>Customer Identification File</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>N104</td>
<td>67</td>
<td>Identification Code</td>
<td>X</td>
<td>AN</td>
<td>2/80</td>
<td>Used</td>
</tr>
</tbody>
</table>

**Description:** Code identifying a party or other code

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>N105</td>
<td>706</td>
<td>Entity Relationship Code</td>
<td>O</td>
<td>ID</td>
<td>2/2</td>
<td>Used</td>
</tr>
</tbody>
</table>

**Description:** Code describing entity relationship  
All valid standard codes are used.

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>N106</td>
<td>98</td>
<td>Entity Identifier Code</td>
<td>O</td>
<td>ID</td>
<td>2/3</td>
<td>Used</td>
</tr>
</tbody>
</table>

**Description:** Code identifying an organizational entity, a physical location, property or an individual  
All valid standard codes are used.

#### Syntax Rules:
1. R0203 - At least one of N102 or N103 is required.  
2. P0304 - If either N103 or N104  is present, then the other is required.

#### 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.
### Party Location

**User Option (Usage):** Used

**Purpose:** To specify the location of the named party

#### Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>N301</td>
<td>166</td>
<td>Address Information</td>
<td>M</td>
<td>AN</td>
<td>1/55</td>
<td>Must use</td>
</tr>
</tbody>
</table>

**Description:** Address information

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>N302</td>
<td>166</td>
<td>Address Information</td>
<td>O</td>
<td>1/55</td>
<td>Used</td>
</tr>
</tbody>
</table>

**Description:** Address information
N4  Geographic Location

User Option (Usage): Used
Purpose: To specify the geographic place of the named party

Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>N401</td>
<td>19</td>
<td>City Name</td>
<td>O</td>
<td>AN</td>
<td>2/30</td>
<td>Used</td>
</tr>
<tr>
<td>N402</td>
<td>156</td>
<td>State or Province Code</td>
<td>X</td>
<td>ID</td>
<td>2/2</td>
<td>Used</td>
</tr>
<tr>
<td>N403</td>
<td>116</td>
<td>Postal Code</td>
<td>O</td>
<td>ID</td>
<td>3/15</td>
<td>Used</td>
</tr>
<tr>
<td>N404</td>
<td>26</td>
<td>Country Code</td>
<td>X</td>
<td>ID</td>
<td>2/3</td>
<td>Used</td>
</tr>
</tbody>
</table>

Description:
- City Name: Free-form text for city name
- State or Province Code: Code (Standard State/Province) as defined by appropriate government agency
- Postal Code: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)
- Country Code: Code identifying the country

Syntax Rules:
1. E0207 - Only one of N402 or N407 may be present.
2. C0605 - If N406 is present, then N405 is required.
3. C0704 - If N407 is present, then N404 is required.

Comments:
1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
PER Administrative Communications Contact

User Option (Usage): Used
Purpose: To identify a person or office to whom administrative communications should be directed

Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Reg</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>PER01</td>
<td>366</td>
<td>Contact Function Code</td>
<td>M</td>
<td>ID</td>
<td>2/2</td>
<td>Must use</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Code identifying the major duty or responsibility of the person or group named</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Code</td>
<td>Name</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PER02</td>
<td>93</td>
<td>Name</td>
<td>O</td>
<td>AN</td>
<td>1/60</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Free-form name</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PER03</td>
<td>365</td>
<td>Communication Number Qualifier</td>
<td>X</td>
<td>ID</td>
<td>2/2</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Code identifying the type of communication number</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Code</td>
<td>Name</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PER04</td>
<td>364</td>
<td>Communication Number</td>
<td>X</td>
<td>AN</td>
<td>1/256</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Complete communications number including country or area code when applicable</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Syntax Rules:
1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.
3. P0708 - If either PER07 or PER08 is present, then the other is required.
LE

Loop Trailer

User Option (Usage): Used
Purpose: To indicate that the loop immediately preceding this segment is complete

Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>LE01</td>
<td>447</td>
<td>Loop Identifier Code</td>
<td>M</td>
<td>AN</td>
<td>1/4</td>
<td>Must use</td>
</tr>
</tbody>
</table>

Description: The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE.

Semantics:

1. One loop may be nested contained within another loop, provided the inner nested loop terminates before the other loop. When specified by the standards setting body as mandatory, this segment in combination with "LS", must be used. It is not to be used if not specifically set forth for use. The loop identifier in the loop header and trailer must be identical. The value for the identifier is the loop ID of the required loop beginning segment. The loop ID number is given on the transaction set diagram in the appropriate ASC X12 version/release.

Comments:

1. See Figures Appendix for an explanation of the use of the LE and LS segments.
PER Administrative Communications Contact

User Option (Usage): Used
Purpose: To identify a person or office to whom administrative communications should be directed

Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Reg</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>PER01</td>
<td>366</td>
<td>Contact Function Code</td>
<td>M</td>
<td>ID</td>
<td>2/2</td>
<td>Must use</td>
</tr>
</tbody>
</table>

Description: Code identifying the major duty or responsibility of the person or group named

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>CN</td>
<td>General Contact</td>
</tr>
<tr>
<td>HM</td>
<td>Hazardous Material Contact</td>
</tr>
<tr>
<td>RP</td>
<td>Responsible Person</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Reg</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>PER02</td>
<td>93</td>
<td>Name</td>
<td>O</td>
<td>AN</td>
<td>1/60</td>
<td>Used</td>
</tr>
</tbody>
</table>

Description: Free-form name

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Reg</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>PER03</td>
<td>365</td>
<td>Communication Number Qualifier</td>
<td>X</td>
<td>ID</td>
<td>2/2</td>
<td>Used</td>
</tr>
</tbody>
</table>

Description: Code identifying the type of communication number

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>TE</td>
<td>Telephone</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Reg</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>PER04</td>
<td>364</td>
<td>Communication Number</td>
<td>X</td>
<td>AN</td>
<td>1/256</td>
<td>Used</td>
</tr>
</tbody>
</table>

Description: Complete communications number including country or area code when applicable

Syntax Rules:
1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.
3. P0708 - If either PER07 or PER08 is present, then the other is required.
### LH2 Hazardous Classification Information

**User Option (Usage):** Used  
**Purpose:** To specify the hazardous notation and endorsement information

**Element Summary:**

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>LH201</td>
<td>215</td>
<td>Hazardous Classification</td>
<td>O</td>
<td>ID</td>
<td>1/30</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> The hazardous classification corresponding to the shipping name of the hazardous commodity</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LH202</td>
<td>983</td>
<td>Hazardous Class Qualifier</td>
<td>O</td>
<td>ID</td>
<td>1/1</td>
<td>Used</td>
</tr>
</tbody>
</table>
|      |     | **Description:** Code qualifying hazardous class  
|      |     | **All valid standard codes are used.** |
| LH213| 267 | Net Explosive Quantity        | X   | N0   | 1/10    | Used  |
|      |     | **Description:** Net weight of the explosive quantity of the hazardous commodity |

**Syntax Rules:**
1. P0607 - If either LH206 or LH207 is present, then the other is required.  
2. P0809 - If either LH208 or LH209 is present, then the other is required.  
3. P1011 - If either LH210 or LH211 is present, then the other is required.  
4. P1213 - If either LH212 or LH213 is present, then the other is required.

**Semantics:**
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.
**LHR**

**Hazardous Material Identifying Reference Numbers**

**User Option (Usage):** Used  
**Purpose:** To transmit specific hazardous material reference numbers

**Element Summary:**

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>LHR01</td>
<td>128</td>
<td>Reference Identification Qualifier</td>
<td>M</td>
<td>ID</td>
<td>2/3</td>
<td>Must use</td>
</tr>
</tbody>
</table>

**Description:** Code qualifying the Reference Identification

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>AH</td>
<td>Agreement Number</td>
</tr>
<tr>
<td>HA</td>
<td>Competent Authority</td>
</tr>
<tr>
<td>HD</td>
<td>Department of Transportation Hazardous Number</td>
</tr>
<tr>
<td>HE</td>
<td>Hazardous Exemption Number</td>
</tr>
<tr>
<td>PN</td>
<td>Permit Number</td>
</tr>
<tr>
<td>S0</td>
<td>Special Approval</td>
</tr>
<tr>
<td>MDN</td>
<td>Hazardous Waste Manifest Document Number</td>
</tr>
</tbody>
</table>

| LHR02| 127 | Reference Identification | M   | AN  | 1/80   | Must use    |

**Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

| LHR03| 373 | Date | O   | DT  | 8/8    | Used        |

**Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year
**Pro Forma - B13 Information**

**User Option (Usage):** Used

**Purpose:** To specify a pro forma invoice and B13 Canada Customs Export Declaration information, required by U.S. and Canada Customs

**Element Summary:**

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Reg</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>XH01</td>
<td>100</td>
<td>Currency Code</td>
<td>M</td>
<td>ID</td>
<td>3/3</td>
<td>Must use</td>
</tr>
</tbody>
</table>

**Description:** Code (Standard ISO) for country in whose currency the charges are specified.

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Reg</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>XH02</td>
<td>645</td>
<td>Related Company Indication Code</td>
<td>O</td>
<td>ID</td>
<td>1/1</td>
<td>Used</td>
</tr>
</tbody>
</table>

**Description:** Code indicating parties to a transaction. All valid standard codes are used.

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Reg</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>XH03</td>
<td>150</td>
<td>Special Charge or Allowance Code</td>
<td>O</td>
<td>ID</td>
<td>3/3</td>
<td>Used</td>
</tr>
</tbody>
</table>

**Description:** Code identifying type of special charge or allowance.

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>595</td>
<td>Proforma Invoice</td>
<td></td>
</tr>
<tr>
<td>FCB</td>
<td>Freight Charges to Border</td>
<td></td>
</tr>
<tr>
<td>FCD</td>
<td>Freight Charges to Destination</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Reg</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>XH04</td>
<td>610</td>
<td>Amount</td>
<td>O</td>
<td>N2</td>
<td>1/15</td>
<td>Used</td>
</tr>
</tbody>
</table>

**Description:** Monetary amount.

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Reg</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>XH05</td>
<td>503</td>
<td>Block 20 Code</td>
<td>O</td>
<td>ID</td>
<td>1/1</td>
<td>Used</td>
</tr>
</tbody>
</table>

**Description:** Code defining Block 20 characteristics. All valid standard codes are used.

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Reg</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>XH06</td>
<td>504</td>
<td>Chemical Analysis Percentage</td>
<td>O</td>
<td>N2</td>
<td>2/9</td>
<td>Used</td>
</tr>
</tbody>
</table>

**Description:** Chemical analysis percentage

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Reg</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>XH07</td>
<td>212</td>
<td>Unit Price</td>
<td>O</td>
<td>R</td>
<td>1/17</td>
<td>Used</td>
</tr>
</tbody>
</table>

**Description:** Price per unit of product, service, commodity, etc.

**Semantics:**

1. XH04 for a line item: is the freight or special charge; for the total invoice: the total charges -- expressed in the standard monetary denomination for the currency specified.
2. XH06 will contain percentage of a component of a product which is required by customs to be reported.
3. XH07 will contain unit price of the item being shipped.

**Comments:**

1. This segment is to be used for shipments originating in Canada only.
# Customs Information

**User Option (Usage):** Used  
**Purpose:** To indicate customs information

## Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Reg</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>X701</td>
<td>61</td>
<td>Free-form Information</td>
<td>M</td>
<td>AN</td>
<td>1/30</td>
<td>Must use</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Free-form information</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>X702</td>
<td>61</td>
<td>Free-form Information</td>
<td>O</td>
<td>AN</td>
<td>1/30</td>
<td>Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Description: Free-form information</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**Transaction Set Trailer**

User Option (Usage): Must use

**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)

**Element Summary:**

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>SE01</td>
<td>96</td>
<td>Number of Included Segments</td>
<td>M</td>
<td>N0</td>
<td>1/10</td>
<td>Must use</td>
</tr>
</tbody>
</table>

**Description:** Total number of segments included in a transaction set including ST and SE segments

| SE02 | 329 | Transaction Set Control Number       | M   | AN   | 4/9     | Must use   |

**Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

**Comments:**

1. SE is the last segment of each transaction set.
**Functional Group Trailer**

**User Option (Usage):** Must use

**Purpose:** To indicate the end of a functional group and to provide control information

### Element Summary:

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>GE01</td>
<td>97</td>
<td>Number of Transaction Sets Included</td>
<td>M</td>
<td>N0</td>
<td>1/6</td>
<td>Must use</td>
</tr>
</tbody>
</table>

**Description:** Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element.

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>GE02</td>
<td>28</td>
<td>Group Control Number</td>
<td>M</td>
<td>N0</td>
<td>1/9</td>
<td>Must use</td>
</tr>
</tbody>
</table>

**Description:** Assigned number originated and maintained by the sender.

### Semantics:

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.

### Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.
### IEA Interchange Control Trailer

**User Option (Usage):** Must use  
**Purpose:** To define the end of an interchange of zero or more functional groups and interchange-related control segments

<table>
<thead>
<tr>
<th>Ref</th>
<th>Id</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>IEA01</td>
<td>I16</td>
<td>Number of Included Functional Groups</td>
<td>M</td>
<td>N0</td>
<td>1/5</td>
<td>Must use</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> A count of the number of functional groups included in an interchange</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IEA02</td>
<td>I12</td>
<td>Interchange Control Number</td>
<td>M</td>
<td>N0</td>
<td>9/9</td>
<td>Must use</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Description:</strong> A control number assigned by the interchange sender</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>