

# PEG\_XM210\_2\_210

|                | <u>Pos. No.</u> | <u>Seg. ID</u> | <u>Name</u>                             | <u>Req. Des.</u> | <u>Max.Use</u> | <u>Loop Repeat</u> |
|----------------|-----------------|----------------|---|------------------|----------------|--------------------|
|                | 005             | ISA            | Interchange Control Header              | O                | 1              |                    |
|                | 008             | GS             | Functional Group Header                 | O                | 1              |                    |
| M              | 010             | ST             | Transaction Set Header                  | M                | 1              |                    |
| M              | 020             | B3             | Beginning Segment for Carrier's Invoice | M                | 1              |                    |
|                | 060             | N9             | Reference Identification                | O                | 300            |                    |
|                | 070             | G62            | Date/Time                               | O                | 6              |                    |
|                | 100             | K1             | Remarks                                 | O                | 10             |                    |
| LOOP ID - 0100 |                 |                |   |                  |                | 10                 |
|                | 110             | N1             | Name                                    | O                | 1              |                    |
|                | 140             | N4             | Geographic Location                     | O                | 1              |                    |
| LOOP ID - 0200 |                 |                |   |                  |                | 10                 |
|                | 160             | N7             | Equipment Details                       | O                | 1              |                    |
| LOOP ID - 0250 |                 |                |   |                  |                | 999999             |
|                | 180             | SPO            | Shipment Purchase Order Detail          | O                | 1              |                    |

## Detail:

|                | <u>Pos. No.</u> | <u>Seg. ID</u> | <u>Name</u>                     | <u>Req. Des.</u> | <u>Max.Use</u> | <u>Loop Repeat</u> |
|----------------|-----------------|----------------|---------------------------------|------------------|----------------|--------------------|
| LOOP ID - 0400 |                 |                |                                 |                  |                | 9999               |
|                | 120             | LX             | Assigned Number                 | O                | 1              |                    |
|                | 130             | N9             | Reference Identification        | O                | 5              |                    |
|                | 140             | L5             | Description, Marks and Numbers  | O                | 30             |                    |
|                | 170             | L0             | Line Item - Quantity and Weight | O                | 10             |                    |
|                | 180             | L1             | Rate and Charges                | O                | 10             |                    |

## Summary:

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

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

**Data Element Summary**

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

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

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

**Data Element Summary**

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

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

**Data Element Summary**

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

**Segment:** **B3** Beginning Segment for Carrier's Invoice  
**Position:** 020  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Syntax Notes:** 1 If either B309 or B310 is present, then the other is required.  
**Semantic Notes:** 1 B306 is the billing date.  
 2 On collect freight bills the data in B309 will be the actual delivery date. For the shipments invoiced prior to delivery, the B309 will be the estimated date of delivery.  
 3 If B314 is used, B304 will indicate the party or parties responsible for payment of the transportation terms identified in B314.

**Data Element Summary**

|   | <u>Ref.</u> | <u>Data</u>    |                             | <u>Attributes</u> |
|---|-------------|----------------|-----------------------------|-------------------|
|   | <u>Des.</u> | <u>Element</u> | <u>Name</u>                 |                   |
| M | B302        | 76             | Invoice Number              | M AN 1/22         |
| M | B304        | 146            | Shipment Method of Payment  | M ID 2/2          |
| M | B306        | 373            | Date                        | M DT 8/8          |
| M | B307        | 193            | Net Amount Due              | M N2 1/12         |
|   | B309        | 32             | Delivery Date               | X DT 8/8          |
|   | B310        | 374            | Date/Time Qualifier         | X ID 3/3          |
|   |             | 035            | Delivered                   |                   |
| M | B311        | 140            | Standard Carrier Alpha Code | M ID 2/4          |
|   |             |                | Notes:                      |                   |
|   |             |                | "SMNN"                      |                   |

**Segment:** **N9 Reference Identification**  
**Position:** 060  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 300  
**Syntax Notes:**

- 1 At least one of N902 or N903 is required.
- 2 If N906 is present, then N905 is required.
- 3 If either C04003 or C04004 is present, then the other is required.
- 4 If either C04005 or C04006 is present, then the other is required.

**Semantic Notes:**

- 1 N906 reflects the time zone which the time reflects.
- 2 N907 contains data relating to the value cited in N902.

**Data Element Summary**

| <b>Ref.</b>        | <b>Data</b>           | <b>Name</b>        | <b>Attributes</b>                    |
|--------------------|-----------------------|--------------------|--------------------------------------|
| <b><u>Des.</u></b> | <b><u>Element</u></b> | <b><u>Name</u></b> | <b><u>M</u> <b><u>ID</u></b> 2/3</b> |
| M                  | N901                  | 128                | Reference Identification Qualifier   |
|                    |                       | 18                 | Plan Number                          |
|                    |                       | 55                 | Sequence Number                      |
|                    |                       | BM                 | Bill of Lading Number                |
|                    |                       | BN                 | Booking Number                       |
|                    |                       | EQ                 | Equipment Number                     |
|                    |                       | PO                 | Purchase Order Number                |
|                    |                       | Q1                 | Quote Number                         |
|                    | N902                  | 127                | Reference Identification             |
|                    | N903                  | 369                | Free-form Description                |
|                    |                       |                    | X AN 1/30                            |
|                    |                       |                    | X AN 1/45                            |

**Segment:** **G62** Date/Time  
**Position:** 070  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 6  
**Syntax Notes:**

- 1 At least one of G6201 or G6203 is required.
- 2 If either G6201 or G6202 is present, then the other is required.
- 3 If either G6203 or G6204 is present, then the other is required.

**Semantic Notes:**

| <b>Data Element Summary</b> |                       |                    |                         |                         |
|-----------------------------|-----------------------|--------------------|-------------------------|-------------------------|
| <b>Ref.</b>                 | <b>Data</b>           | <b>Name</b>        | <b>Attributes</b>       |                         |
| <b><u>Des.</u></b>          | <b><u>Element</u></b> | <b><u>Date</u></b> | <b><u>Qualifier</u></b> | <b><u>ID</u></b>        |
| G6201                       | 432                   | Date               | 03                      | Invoice Date            |
|                             |                       |                    |                         | X ID 2/2                |
| G6202                       | 373                   | Date               |                         | X DT 8/8                |
| G6203                       | 176                   | Time               | X                       | Scheduled Delivery Time |
|                             |                       |                    |                         | X ID 1/2                |
| G6204                       | 337                   | Time               |                         | X TM 4/8                |

**Segment:** **K1** Remarks  
**Position:** 100  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 10  
**Syntax Notes:**  
**Semantic Notes:**

**Data Element Summary**

|   | <u>Ref.</u><br><u>Des.</u> | <u>Data</u><br><u>Element</u> | <u>Name</u>       | <u>Attributes</u> |
|---|----------------------------|-------------------------------|-------------------|-------------------|
| M | K101                       | 61                            | Free-Form Message | M AN 1/30         |



**Segment:** **N1** Name  
**Position:** 110  
**Loop:** 0100 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Syntax Notes:** 1 At least one of N102 or N103 is required.  
 2 If either N103 or N104 is present, then the other is required.  
**Semantic Notes:**

| Data Element Summary |             |                |                               |                   |
|----------------------|-------------|----------------|-------------------------------|-------------------|
|                      | <u>Ref.</u> | <u>Data</u>    | <u>Name</u>                   | <u>Attributes</u> |
|                      | <u>Des.</u> | <u>Element</u> |                               |                   |
| M                    | N101        | 98             | Entity Identifier Code        | M ID 2/3          |
|                      |             |                | CN Consignee                  |                   |
|                      |             |                | SH Shipper                    |                   |
|                      | N103        | 66             | Identification Code Qualifier | X ID 1/2          |
|                      |             |                | ZZ Mutually Defined           |                   |
|                      | N104        | 67             | Identification Code           | X AN 2/80         |

**Segment:** **N4** Geographic Location  
**Position:** 140  
**Loop:** 0100 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Syntax Notes:** 1 If N406 is present, then N405 is required.  
**Semantic Notes:**

**Data Element Summary**

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

**Segment:** **N7** Equipment Details  
**Position:** 160  
**Loop:** 0200 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Syntax Notes:** 1 If either N703 or N704 is present, then the other is required.  
 2 If either N705 or N716 is present, then the other is required.  
 3 If either N708 or N709 is present, then the other is required.  
**Semantic Notes:** 1 N712 is the owner of the equipment.  
 2 N723 is the operator or carrier of the rights of the equipment.

**Data Element Summary**

|   | <u>Ref.</u> | <u>Data</u>    | <u>Name</u>                | <u>Attributes</u> |
|---|-------------|----------------|----------------------------|-------------------|
|   | <u>Des.</u> | <u>Element</u> |                            |                   |
|   | N701        | 206            | Equipment Initial          | O AN 1/4          |
| M | N702        | 207            | Equipment Number           | M AN 1/10         |
|   | N703        | 81             | Weight                     | X R 1/10          |
|   | N704        | 187            | Weight Qualifier           | X ID 1/2          |
|   |             |                | N Actual Net Weight        |                   |
|   | N711        | 40             | Equipment Description Code | O ID 2/2          |
|   | N719        | 56             | Type of Service Code       | O ID 2/2          |

**Segment:** **SPO** Shipment Purchase Order Detail

**Position:** 180

**Loop:** 0250 Optional

**Level:** Heading

**Usage:** Optional

**Max Use:** 1

**Syntax Notes:** 1 If either SPO03 or SPO04 is present, then the other is required.

2 If either SPO05 or SPO06 is present, then the other is required.

**Semantic Notes:** 1 SPO02 is the department number.

2 SPO04 is the total quantity for the purchase order.

3 SPO06 is the total weight for the purchase order.

4 SPO07 indicates the data error condition relative to the shipment management information.

5 SPO08 is used to specify sorting and/or segregating reference numbers for each receiving location (processing area).

**Data Element Summary**

|   | <u>Ref.</u> | <u>Data</u>    | <u>Name</u>                                    | <u>Attributes</u> |
|---|-------------|----------------|--|-------------------|
|   | <u>Des.</u> | <u>Element</u> |  |                   |
| M | SPO01       | 324            | Purchase Order Number                          | M AN 1/22         |
|   | SPO03       | 355            | Unit or Basis for Measurement Code<br>PC Piece | X ID 2/2          |
|   | SPO04       | 380            | Quantity                                       | X R 1/15          |

**Segment:** **LX** Assigned Number  
**Position:** 120  
**Loop:** 0400 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Syntax Notes:**  
**Semantic Notes:**

**Data Element Summary**

|   | <u>Ref.</u><br><u>Des.</u> | <u>Data</u><br><u>Element</u> | <u>Name</u>     | <u>Attributes</u> |
|---|----------------------------|-------------------------------|-----------------|-------------------|
| M | LX01                       | 554                           | Assigned Number | M N0 1/6          |

**Segment:** N9 Reference Identification  
**Position:** 130  
**Loop:** 0400 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 5  
**Syntax Notes:**

- 1 At least one of N902 or N903 is required.
- 2 If N906 is present, then N905 is required.
- 3 If either C04003 or C04004 is present, then the other is required.
- 4 If either C04005 or C04006 is present, then the other is required.

**Semantic Notes:**

- 1 N906 reflects the time zone which the time reflects.
- 2 N907 contains data relating to the value cited in N902.

**Data Element Summary**

|   | <u>Ref. Des.</u> | <u>Data Element</u> | <u>Name</u>                        | <u>Attributes</u> |
|---|------------------|---------------------|------------------------------------|-------------------|
| M | N901             | 128                 | Reference Identification Qualifier | M ID 2/3          |
|   |                  |                     | BB Authorization Number            |                   |
|   |                  |                     | EE Election District               |                   |
|   |                  |                     | ZZ Mutually Defined                |                   |
|   | N902             | 127                 | Reference Identification           | X AN 1/30         |
|   | N903             | 369                 | Free-form Description              | X AN 1/45         |

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

**Position:** 140

**Loop:** 0400 Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** 30

- Syntax Notes:**
- 1 If either L503 or L504 is present, then the other is required.
  - 2 If L507 is present, then L506 is required.
  - 3 If either L508 or L509 is present, then the other is required.

**Semantic Notes:**

**Data Element Summary**

| <b>Ref.</b> | <b>Data</b>    |   |                   |
|-------------|----------------|---|-------------------|
| <b>Des.</b> | <b>Element</b> | <b>Name</b>                                     | <b>Attributes</b> |
| L501        | 213            | Lading Line Item Number                         | O N0 1/3          |
| L502        | 79             | Lading Description                              | O AN 1/50         |
| L503        | 22             | Commodity Code                                  | X AN 1/30         |
| L504        | 23             | Commodity Code Qualifier                        | X ID 1/1          |
|             |                | T Standard Transportation Commodity Code (STCC) |                   |

**Segment:** **L0** Line Item - Quantity and Weight  
**Position:** 170  
**Loop:** 0400 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 10

**Syntax Notes:**

- 1 If either L002 or L003 is present, then the other is required.
- 2 If either L004 or L005 is present, then the other is required.
- 3 If either L006 or L007 is present, then the other is required.
- 4 If either L008 or L009 is present, then the other is required.
- 5 If L011 is present, then L004 is required.
- 6 If either L013 or L015 is present, then the other is required.

**Semantic Notes:**

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

**Data Element Summary**

| <u>Ref.</u> | <u>Data</u>    | <u>Name</u>               | <u>Attributes</u> |
|-------------|----------------|---------------------------|-------------------|
| <u>Des.</u> | <u>Element</u> |                           |                   |
| L001        | 213            | Lading Line Item Number   | O N0 1/3          |
| L002        | 220            | Billed/Rated-as Quantity  | X R 1/11          |
| L003        | 221            | Billed/Rated-as Qualifier | X ID 2/2          |
|             |                | DM Miles                  |                   |
| L008        | 80             | Lading Quantity           | X N0 1/7          |
| L009        | 211            | Packaging Form Code       | X ID 3/3          |
|             |                | PCS Pieces                |                   |



**Segment:** **L1 Rate and Charges**

**Position:** 180

**Loop:** 0400 Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** 10

**Syntax Notes:** 1 If either L102 or L103 is present, then the other is required.

2 At least one of L104 L105 or L106 is required.

3 If either L114 or L115 is present, then the other is required.

4 If either L117 or L118 is present, then the other is required.

**Semantic Notes:** 1 L119 is the percent used to determine the charge in L104.

2 L120, if used, indicates the currency for all monetary amounts in this L1 segment.

3 L121 is the origin rated as charge amount.

**Data Element Summary**

| <u>Ref.</u> | <u>Data</u> | <u>Name</u>                             | <u>Attributes</u> |
|-------------|-------------|---|-------------------|
| <b>L101</b> | <b>213</b>  | <b>Lading Line Item Number</b>          | <b>O N0 1/3</b>   |
| <b>L102</b> | <b>60</b>   | <b>Freight Rate</b>                     | <b>X R 1/9</b>    |
| <b>L103</b> | <b>122</b>  | <b>Rate/Value Qualifier</b>             | <b>X ID 2/2</b>   |
| <b>L104</b> | <b>58</b>   | <b>Charge</b>                           | <b>X N2 1/12</b>  |
| <b>L108</b> | <b>150</b>  | <b>Special Charge or Allowance Code</b> | <b>O ID 3/3</b>   |

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

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

**Semantic Notes:**

- 1 L305 is the total charges.

**Data Element Summary**

| <u>Ref.</u> | <u>Data</u> | <u>Name</u>   | <u>Attributes</u> |
|-------------|-------------|---------------|-------------------|
| <u>L305</u> | <u>58</u>   | <u>Charge</u> | <u>O N2 1/12</u>  |

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

**Data Element Summary**

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

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

**Data Element Summary**

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

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

**Data Element Summary**

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