



**3PL Systems, Inc.**

**210 Invoice Documentation**

**VERSION 4010**



# 210 Invoice

Functional Group ID=**IM**

## Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
4	010	ST	Transaction Set Header	M	1		
5	020	B3	Beginning Segment for Carrier's Invoice	M	1		
Not Used	030	C2	Bank ID	O	1		
6	040	C3	Currency	O	1		
Not Used	050	ITD	Terms of Sale/Deferred Terms of Sale	O	1		
Not Used	060	N9	Reference Identification	O	300		
7	070	G62	Date/Time	O	6		
8	080	R3	Route Information - Motor	O	12		
Not Used	090	H3	Special Handling Instructions	O	6		
Not Used	100	K1	Remarks	O	10		

9	110	N1					
Not Used	120	N2					
10	130	N3					
11	140	N4					
Not Used	150	N9					

LOOP ID - 0100				10
Name	O	1		
Additional Name Information	O	1		
Address Information	O	2		
Geographic Location	O	1		
Reference Identification	O	5		

12	160	N7					
Not Used	170	M7					

LOOP ID - 0200				10
Equipment Details	O	1		
Seal Numbers	O	2		

## Detail:

13	180	SPO					
Not Used	185	SDQ					

LOOP ID - 0250				999999
Shipment Purchase Order Detail	O	1		
Destination Quantity	O	10		

14	010	S5	Stop-off Details	O	1		n1
Not Used	020	N9	Reference Identification	O	10		
Not Used	030	G62	Date/Time	O	10		
Not Used	040	H3	Special Handling Instructions	O	6		

LOOP ID - 0300				999
Stop-off Details	O	1		
Reference Identification	O	10		
Date/Time	O	10		
Special Handling Instructions	O	6		

15	045	SPO	Shipment Purchase Order Detail	O	1		
Not Used	047	SDQ	Destination Quantity	O	10		

LOOP ID - 0305				999999
Shipment Purchase Order Detail	O	1		
Destination Quantity	O	10		

16	050	N1	Name	O	1		
Not Used	060	N2	Additional Name Information	O	1		
Not Used	070	N3	Address Information	O	2		
Not Used	080	N4	Geographic Location	O	1		
Not Used	090	N9	Reference Identification	O	5		

LOOP ID - 0310				2
Name	O	1		
Additional Name Information	O	1		
Address Information	O	2		
Geographic Location	O	1		
Reference Identification	O	5		



LOOP ID - 0320			10	
Not Used	100	N7	Equipment Details	O 1
Not Used	110	M7	Seal Numbers	O 2
LOOP ID - 0400			9999	
17	120	LX	Assigned Number	O 1
Not Used	130	N9	Reference Identification	O 5
Not Used	137	POD	Proof of Delivery	O 1
18	140	L5	Description, Marks and Numbers	O 30
Not Used	150	H1	Hazardous Material	O 3
Not Used	160	H2	Additional Hazardous Material Description	O 2
19	170	L0	Line Item - Quantity and Weight	O 10
20	180	L1	Rate and Charges	O 10
Not Used	190	L4	Measurement	O 10
Not Used	200	L7	Tariff Reference	O 10
Not Used	210	K1	Remarks	O 10
LOOP ID - 0430			999999	
Not Used	220	SPO	Shipment Purchase Order Detail	O 1
Not Used	230	SDQ	Destination Quantity	O 10
LOOP ID - 0460			999999	
Not Used	240	N1	Name	O 1 n2
Not Used	250	N2	Additional Name Information	O 1
Not Used	260	N3	Address Information	O 2
Not Used	270	N4	Geographic Location	O 1
Not Used	280	N9	Reference Identification	O 10
LOOP ID - 0463			999999	
Not Used	300	CD3	Carton (Package) Detail	O 1
Not Used	310	N9	Reference Identification	O 20
Not Used	320	H6	Special Services	O 10
Not Used	330	L9	Charge Detail	O 10
Not Used	335	POD	Proof of Delivery	O 1
Not Used	340	G62	Date/Time	O 1
LOOP ID - 0465			999999	
Not Used	350	SPO	Shipment Purchase Order Detail	O 1
Not Used	360	SDQ	Destination Quantity	O 10

**Summary:**

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
21	010	L3	Total Weight and Charges	O	1		
22	020	SE	Transaction Set Trailer	M	1		

**Transaction Set Notes**

1. Loops 0300, 0305, 0310 and 0320 shall only be used to identify all stop-off locations and associated data for loading and unloading of freight with the exception of the original stop-off location (shipper) for truckload carriers. The original stop-off location (shipper) shall be transmitted in loop 0100.
2. Loops 0460 and 0463 shall be used to identify all small package carrier details related to the consignee (delivery location) and the related shipment. The shipper shall be identified in loop 0100.



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

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	<b>Transaction Set Identifier Code</b> Code uniquely identifying a Transaction Set	M ID 3/3
			210 Motor Carrier Freight Details and Invoice	
M	ST02	329	<b>Transaction Set Control Number</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9



**Segment:** **B3** Beginning Segment for Carrier's Invoice  
**Position:** 020  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To transmit basic data relating to the carrier's invoice  
**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.

**Comments:**

**Data Element Summary**

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
M	B302	76 <b>Invoice Number</b>	M	AN 1/22
		Identifying number assigned by issuer		
	B303	145 <b>Shipment Identification Number</b>	O	AN 1/30
		Identification number assigned to the shipment by the shipper that uniquely identifies the shipment from origin to ultimate destination and is not subject to modification; (Does not contain blanks or special characters)		
M	B304	146 <b>Shipment Method of Payment</b>	M	ID 2/2
		Code identifying payment terms for transportation charges		
		CC Collect		
		PP Prepaid (by Seller)		
M	B306	373 <b>Date</b>	M	DT 8/8
		Date expressed as CCYYMMDD		
M	B307	193 <b>Net Amount Due</b>	M	N2 1/12
		Total charges to be paid by the receiver of this transaction set expressed in the standard monetary denomination for the currency specified		
	B309	32 <b>Delivery Date</b>	X	DT 8/8
		Date for delivery of cargo to final consignee or to next mode expressed in format CCYYMMDD		
	B310	374 <b>Date/Time Qualifier</b>	X	ID 3/3
		Code specifying type of date or time, or both date and time		
		140 Actual		
M	B311	140 <b>Standard Carrier Alpha Code</b>	M	ID 2/4
		Standard Carrier Alpha Code		
	B312	373 <b>Date</b>	O	DT 8/8
		Date expressed as CCYYMMDD		



**Segment:** C3 Currency  
**Position:** 040  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the currency being used in the transaction set  
**Syntax Notes:**  
**Semantic Notes:**

- 1 C301 is the billing currency.
- 2 C303 is the payment currency.
- 3 C304 is the rated currency.

**Comments:**

- 1 Currency is implied by the code for the country in whose currency the monetary amounts are specified.

**Data Element Summary**

<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
<b><u>Des.</u></b>	<b><u>Element</u></b>	<b><u>Name</u></b>	<b><u>Attributes</u></b>
M	C301	100 Currency Code	M ID 3/3 Code (Standard ISO) for country in whose currency the charges are specified



**Segment:** G62 Date/Time  
**Position:** 070  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 6  
**Purpose:** To specify pertinent dates and times  
**Syntax Notes:**

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

**Semantic Notes:**  
**Comments:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
G6201	432	<b>Date Qualifier</b> Code specifying type of date 86 Actual Pickup Date	X ID 2/2
G6202	373	<b>Date</b> Date expressed as CCYYMMDD	X DT 8/8



**Segment:** **R3** Route Information - Motor  
**Position:** 080  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 12  
**Purpose:** To specify carrier and routing sequences and details  
**Syntax Notes:**

- 1 If R311 is present, then R310 is required.
- 2 If R312 is present, then R311 is required.

**Semantic Notes:**

- 1 R303 is the station or city name at which carriers interchange shipments
- 2 R307 is the carrier's billing date.
- 3 R308 is the amount due the carrier.

**Comments:**

**Data Element Summary**

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	R301	140	<b>Standard Carrier Alpha Code</b> Standard Carrier Alpha Code	M ID 2/4
M	R302	133	<b>Routing Sequence Code</b> Code describing the relationship of a carrier to a specific shipment movement D DELY (Delivery Switch Carrier) O Origin Carrier (Air, Motor, or Ocean)	M ID 1/2
	R304	91	<b>Transportation Method/Type Code</b> Code specifying the method or type of transportation for the shipment LT Less Than Trailer Load (LTL)	O ID 1/2





**Segment:** N1 Name  
**Position:** 110  
**Loop:** 0100 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name, and code  
**Syntax Notes:**

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

**Semantic Notes:**  
**Comments:**

- 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
- 2 N105 and N106 further define the type of entity in N101.

**Data Element Summary**

Ref.	Data Element	Name	Attributes
M	N101	98 Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual CN Consignee SH Shipper	M ID 2/3
	N102	93 Name Free-form name	X AN 1/60
	N103	66 Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 93 Code assigned by the organization originating the transaction set 94 Code assigned by the organization that is the ultimate destination of the transaction set	X ID 1/2
	N104	67 Identification Code Code identifying a party or other code	X AN 2/80



**Segment:** N3 Address Information  
**Position:** 130  
**Loop:** 0100 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify the location of the named party  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

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



**Segment:** N4 Geographic Location  
**Position:** 140  
**Loop:** 0100 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the geographic place of the named party  
**Syntax Notes:** 1 If N406 is present, then N405 is required.  
**Semantic Notes:**  
**Comments:** 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.  
 2 N402 is required only if city name (N401) is in the U.S. or Canada.

#### Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
N401	19	<b>City Name</b> Free-form text for city name	O AN 2/30
N402	156	<b>State or Province Code</b> Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
N403	116	<b>Postal Code</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/15
N404	26	<b>Country Code</b> Code identifying the country	O ID 2/3



**Segment:** N7 Equipment Details  
**Position:** 160  
**Loop:** 0200 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To identify the equipment  
**Syntax Notes:**

- 1 If either N703 or N704 is present, then the other is required.
- 2 If either N705 or N716 is present, then the other is required.
- 3 If either N708 or N709 is present, then the other is required.

**Semantic Notes:**

- 1 N712 is the owner of the equipment.
- 2 N723 is the operator or carrier of the rights of the equipment.

**Comments:**

- 1 N701 is mandatory for rail transactions.
- 2 N720 and N721 are expressed in inches.

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	207	<b>Equipment Number</b> Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)	M AN 1/10
	N711 40	<b>Equipment Description Code</b> Code identifying type of equipment used for shipment TL Trailer (not otherwise specified)	O ID 2/2



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

**Position:** 180

**Loop:** 0250 Optional

**Level:** Heading

**Usage:** Optional

**Max Use:** 1

**Purpose:** To specify the purchase order details for a shipment

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

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

**Semantic Notes:**

1 SPO02 is the department number.

2 SPO04 is the total quantity for the purchase order.

3 SPO06 is the total weight for the purchase order.

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

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

**Comments:**

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>		<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
M	SPO01	324	Purchase Order Number	M AN 1/22
			Identifying number for Purchase Order assigned by the orderer/purchaser	



**Segment:** S5 Stop-off Details  
**Position:** 010  
**Loop:** 0300 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify stop-off detail reference numbers and stop reason  
**Syntax Notes:**

- 1 If either S503 or S504 is present, then the other is required.
- 2 If either S505 or S506 is present, then the other is required.
- 3 If either S507 or S508 is present, then the other is required.

**Semantic Notes:**

- 1 S509 is the stop reason description.

**Comments:**

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	S501	165	<b>Stop Sequence Number</b> Identifying number for the specific stop and the sequence in which the stop is to be performed	M N0 1/3
M	S502	163	<b>Stop Reason Code</b> Code specifying the reason for the stop PL Part Load	M ID 2/2



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

**Position:** 045

**Loop:** 0305 Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

**Purpose:** To specify the purchase order details for a shipment

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

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

**Semantic Notes:**

1 SPO02 is the department number.

2 SPO04 is the total quantity for the purchase order.

3 SPO06 is the total weight for the purchase order.

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

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

**Comments:**

**Data Element Summary**

	<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
			Identifying number for Purchase Order assigned by the orderer/purchaser	



**Segment:** N1 Name  
**Position:** 050  
**Loop:** 0310 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name, and code  
**Syntax Notes:**

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

**Semantic Notes:**  
**Comments:**

- 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
- 2 N105 and N106 further define the type of entity in N101.

**Data Element Summary**

<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
<b><u>Des.</u></b>	<b><u>Element</u></b>		
<b>M</b>	<b>N101</b>	<b>98 Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual	<b>M ID 2/3</b>
		CN Consignee	
	<b>N103</b>	<b>66 Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67)	<b>X ID 1/2</b>
		94 Code assigned by the organization that is the ultimate destination of the transaction set	
	<b>N104</b>	<b>67 Identification Code</b> Code identifying a party or other code	<b>X AN 2/80</b>





**Segment:** LX Assigned Number  
**Position:** 120  
**Loop:** 0400 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To reference a line number in a transaction set  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

#### Data Element Summary

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



**Segment:** **L5** Description, Marks and Numbers  
**Position:** 140  
**Loop:** 0400 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 30  
**Purpose:** To specify the line item in terms of description, quantity, packaging, and marks and numbers

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

**Semantic Notes:**

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

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
L501	213	Lading Line Item Number	Sequential line number for a lading item	O N0 1/3
L502	79	Lading Description	Description of an item as required for rating and billing purposes	O AN 1/50



**Segment:** **L0** Line Item - Quantity and Weight  
**Position:** 170  
**Loop:** 0400 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 10  
**Purpose:** To specify quantity, weight, volume, and type of service for a line item including applicable "quantity/rate-as" data

- 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.

- 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.

#### Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
L002	220	<b>Billed/Rated-as Quantity</b> Basis for rating (miles, value, volume, etc.); Note: Weight may be defined by either data element 220 or 81	X R 1/11
L003	221	<b>Billed/Rated-as Qualifier</b> Code identifying the type of quantity or value on which the rate or item pricing is based FR Flat Rate LB Pound	X ID 2/2
L004	81	<b>Weight</b> Numeric value of weight	X R 1/10
L005	187	<b>Weight Qualifier</b> Code defining the type of weight A3 Shippers Weight F Deficit Weight	X ID 1/2
L008	80	<b>Lading Quantity</b> Number of units (pieces) of the lading commodity	X N0 1/7
L009	211	<b>Packaging Form Code</b> Code for packaging form of the lading quantity PCS Pieces	X ID 3/3
L011	188	<b>Weight Unit Code</b> Code specifying the weight unit L Pounds	O ID 1/1



**Segment:** **L1 Rate and Charges**  
**Position:** 180  
**Loop:** 0400 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 10  
**Purpose:** To specify rate and charges detail relative to a line item including freight charges, advances, special charges, and entitlements

**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.

**Comments:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
L101	213	<b>Lading Line Item Number</b> Sequential line number for a lading item	O N0 1/3
L102	60	<b>Freight Rate</b> Rate that applies to the specific commodity	X R 1/9
L103	122	<b>Rate/Value Qualifier</b> Code qualifying how to extend charges or interpret value FR Flat Rate LB Per Pound MN Minimum	X ID 2/2
L104	58	<b>Charge</b> For a line item: freight or special charge; for the total invoice: the total charges -- expressed in the standard monetary denomination for the currency specified	X N2 1/12
L108	150	<b>Special Charge or Allowance Code</b> Code identifying type of special charge or allowance 405 Fuel Surcharge DSC Discount LHS Linehaul Service The additional service charge or order for a transportation carrier to provide special linehaul services; i.e. to or from a temporary storage site, for used household goods not included in the normal transportation from origin to destination locations	O ID 3/3
L112	276	<b>Special Charge Description</b> Identification of special charge; this data element is used whenever an applicable code cannot be found in data element 150	O AN 2/25



**Segment:** **L3** Total Weight and Charges  
**Position:** 010  
**Loop:**  
**Level:** Summary  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the total shipment in terms of weight, volume, rates, charges, advances, and prepaid amounts applicable to one or more line items

**Syntax Notes:**

- 1 If either L301 or L302 is present, then the other is required.
- 2 If 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.

**Comments:**

**Data Element Summary**

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
L301	81	<b>Weight</b> Numeric value of weight	X R 1/10
L302	187	<b>Weight Qualifier</b> Code defining the type of weight G Gross Weight	X ID 1/2
L305	58	<b>Charge</b> For a line item: freight or special charge; for the total invoice: the total charges -- expressed in the standard monetary denomination for the currency specified	O N2 1/12
L311	80	<b>Lading Quantity</b> Number of units (pieces) of the lading commodity	O N0 1/7



**Segment:** SE Transaction Set Trailer  
**Position:** 020  
**Loop:**  
**Level:** Summary  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:** 1 SE is the last segment of each transaction set.

**Data Element Summary**

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