



JUSTTRANSFORM SPECIFICATIONS

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Justtransform Trading Partner  
Integration Guidelines X12 4010  
210

Customer: Clayton Homes  
Version: Draft

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# 210

## Motor Carrier Freight Details and Invoice

### Functional Group=IM

**Purpose:** This Draft Standard for Trial Use contains the format and establishes the data contents of the Motor Carrier Freight Details and Invoice Transaction Set (210) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide detail information for charges for services rendered by a motor carrier. It is used both as a motor carrier invoice to request payment or as details pertaining to motor freight shipment(s) charges.

#### Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	ST	Transaction Set Header	M	1			Must use
020	B3	Beginning Segment for Carrier's Invoice	M	1			Must use
040	C3	Currency	O	1			Must use
070	G62	Date/Time	O	6			Must use

#### Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<u>LOOP ID - 0400</u>					<u>9999</u>		
120	LX	Assigned Number	O	1			Must use
180	L1	Rate and Charges	O	10			Must use

#### Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	L3	Total Weight and Charges	O	1			Must use
020	SE	Transaction Set Trailer	M	1			Must use

#### Notes:

- 2/010L 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.
- 2/010 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.
- 2/240L 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.
- 2/240 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.

**ST****Transaction Set Header**

Pos: 010	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

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

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Must use
<b>Description:</b> Code uniquely identifying a Transaction Set						
<b>CodeList Summary</b> (Total Codes: 298, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		210		Motor Carrier Freight Details and Invoice		
ST02	329	Transaction Set Control Number	M	AN	4/9	Must use
<b>Description:</b> 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) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

# B3 Beginning Segment for Carrier's Invoice

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 10

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

**Purpose:** To transmit basic data relating to the carrier's invoice

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
B302	76	<b>Invoice Number</b>	M	AN	1/22	Must use
		<b>Description:</b> Identifying number assigned by issuer				
B303	145	<b>Shipment Identification Number</b>	O	AN	1/30	Must use
		<b>Description:</b> Shipment ID from EDI 204 - element B204 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)				
B304	146	<b>Shipment Method of Payment</b>	M	ID	2/2	Must use
		<b>Description:</b> Code identifying payment terms for transportation charges				
		<b>CodeList Summary</b> (Total Codes: 28, Included: 1)				
		<u>Code</u>	<u>Name</u>			
		CC	Collect			
		PP	Pre-Paid			
		TP	Third Party			
		MX	Mixed			
		DF	Per Transaction			
B306	373	<b>Date</b>	M	DT	8/8	Must use
		<b>Description:</b> Date expressed as CCYYMMDD				
B307	193	<b>Net Amount Due</b>	M	N2	1/12	Must use
		<b>Description:</b> Total charges to be paid by the receiver of this transaction set expressed in the standard monetary denomination for the currency specified				
B308	193	<b>Correction Indicator</b>	O	ID	2/2	Not Used
		<b>Description:</b> Code used to indicate that the transaction set contains information which corrects previous information				
B311	140	<b>Standard Carrier Alpha Code</b>	M	ID	2/4	Must use
		<b>Description:</b> Standard Carrier Alpha Code				

## Syntax Rules:

1. P0910 - If either B309 or B310 is present, then the other is required.

## Semantics:

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.

# C3 Currency

Pos: 040	Max: 1
Heading - Optional	
Loop: N/A	Elements: 1

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

**Purpose:** To specify the currency being used in the transaction set

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
C301	100	Currency Code	M	ID	3/3	Must use

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

## Semantics:

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.

# G62 Date/Time

Pos: 070	Max: 6
Heading - Optional	
Loop: N/A	Elements: 3

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

**Purpose:** To specify pertinent dates and times

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G6201	432	Date Qualifier	X	ID	2/2	Must use
<b>Description:</b> Code specifying type of date						
<b>CodeList Summary</b> (Total Codes: 137, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		35		Delivered on This Date		
		86		Actual Pickup Date		
G6202	373	Date	X	DT	8/8	Must use
<b>Description:</b> Date expressed as CCYYMMDD						

## Syntax Rules:

1. R0103 - At least one of G6201 or G6203 is required.
2. P0102 - If either G6201 or G6202 is present, then the other is required.
3. P0304 - If either G6203 or G6204 is present, then the other is required.

# Loop Assigned Number

Pos: 120	Repeat: 9999
Optional	
Loop: 0400	Elements: N/A

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

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

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
120	LX	Assigned Number	O	1		Must use
180	L1	Rate and Charges	O	10		Must use



**LX****Assigned Number**

Pos: 120	Max: 1
Detail - Optional	
Loop: 0400	Elements: 1

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

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LX01	554	Assigned Number	M	N0	1/6	Must use

**Description:** Number assigned for differentiation within a transaction set

**L1****Rate and Charges**

<b>Pos: 180</b>	<b>Max: 10</b>
<b>Detail - Optional</b>	
<b>Loop: 0400</b>	<b>Elements: 5</b>

**User Option (Usage):** Must use**Purpose:** To specify rate and charges detail relative to a line item including freight charges, advances, special charges, and entitlements**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
L101	213	<b>Lading Line Item Number</b>	O	N0	1/3	Must use
		<b>Description:</b> Sequential line number for a lading item				
L102	60	<b>Freight Rate</b>	X	R	1/9	Must use
		<b>Description:</b> Rate that applies to the specific commodity				
L103	122	<b>Rate/Value Qualifier</b>	X	ID	2/2	Must use
		<b>Description:</b> Code qualifying how to extend charges or interpret value				
		<b>CodeList Summary</b> (Total Codes: 163)				
L104	58	<b>Charge</b>	X	N2	1/12	Must use
		<b>Description:</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				
L108	150	<b>Special Charge or Allowance Code</b>	O	ID	3/3	Must use
		<b>Description:</b> Code identifying type of special charge or allowance				
		<b>CodeList Summary</b> (Total Codes: 1073)				
		<b>Additional Codes for Canadian Taxes</b>				
		<u>Code</u>	<u>Name</u>			
		HST	Harmonized Sales Tax			
		PST	Provincial Tax			
		QST	Quebec Sales Tax			
L112	276	<b>Special Charge Description</b>	O	AN	2/25	Used
		<b>Description:</b> Identification of special charge; this data element is used whenever an applicable code cannot be found in data element 150				

**Syntax Rules:**

1. P0203 - If either L102 or L103 is present, then the other is required.
2. R040506 - At least one of L104, L105 or L106 is required.
3. P1415 - If either L114 or L115 is present, then the other is required.
4. P1718 - If either L117 or L118 is present, then the other is required.

**Semantics:**

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.

# L3 Total Weight and Charges

Pos: 010	Max: 1
Summary - Optional	
Loop: N/A	Elements: 9

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

**Purpose:** To specify the total shipment in terms of weight, volume, rates, charges, advances, and prepaid amounts applicable to one or more line items

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
L301	81	<b>Weight</b>	X	R	1/10	Must use
		<b>Description:</b> Numeric value of weight				
L302	187	<b>Weight Qualifier</b>	X	ID	1/2	Must use
		<b>Description:</b> Code defining the type of weight				
		<b>CodeList Summary</b> (Total Codes: 51, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		G		Gross Weight		
L305	58	<b>Charge</b>	O	N2	1/12	Must use
		<b>Description:</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				
<del>L309</del>	<del>183</del>	<del><b>Volume</b></del>	<del>X</del>	<del>R</del>	<del>1/8</del>	<del>Must use</del>
		<del><b>Description:</b> Value of volumetric measure</del>				
<del>L310</del>	<del>184</del>	<del><b>Volume Unit Qualifier</b></del>	<del>X</del>	<del>ID</del>	<del>1/1</del>	<del>Must use</del>
		<del><b>Description:</b> Code identifying the volume unit</del>				
		<del><b>CodeList Summary</b> (Total Codes: 16, Included: 1)</del>				
		<del><u>Code</u></del>		<del><u>Name</u></del>		
		<del>E</del>		<del>Cubic Feet</del>		
		<del>N</del>		<del>Cubic Inches</del>		
		<del>G</del>		<del>Gallons</del>		
		<del>V</del>		<del>Liter</del>		
		<del>U</del>		<del>Volumetric Unit</del>		
		<del>X</del>		<del>Cubic Meters</del>		
<del>L311</del>	<del>80</del>	<del><b>Lading Quantity</b></del>	<del>O</del>	<del>N0</del>	<del>1/7</del>	<del>Must use</del>
		<del><b>Description:</b> Number of units (pieces) of the lading commodity</del>				
<del>L312</del>	<del>188</del>	<del><b>Weight Unit Code</b></del>	<del>O</del>	<del>ID</del>	<del>1/1</del>	<del>Must use</del>
		<del><b>Description:</b> Code specifying the weight unit</del>				
		<del><b>CodeList Summary</b> (Total Codes: 8, Included: 1)</del>				
		<del><u>Code</u></del>		<del><u>Name</u></del>		
		<del>E</del>		<del>Metric Ton</del>		
		<del>K</del>		<del>Kilograms</del>		
		<del>L</del>		<del>Pounds</del>		
		<del>S</del>		<del>Short Ton</del>		

## Syntax Rules:

1. P0102 - If either L301 or L302 is present, then the other is required.
2. P0304 - If either L303 or L304 is present, then the other is required.
3. P0910 - If either L309 or L310 is present, then the other is required.
4. C1201 - If L312 is present, then L301 is required.

5. P1415 - If either L314 or L315 is present, then the other is required.

**Semantics:**

1. L305 is the total charges.

# SE Transaction Set Trailer

Pos: 020	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

**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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	<b>Number of Included Segments</b>	M	N0	1/10	Must use
<b>Description:</b> Total number of segments included in a transaction set including ST and SE segments						
SE02	329	<b>Transaction Set Control Number</b>	M	AN	4/9	Must use
<b>Description:</b> 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.