



JUSTTRANSFORM SPECIFICATIONS

**Justransform 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>
LOOP ID - 0400							
					9999		
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
Description: Code uniquely identifying a Transaction Set						
CodeList Summary (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
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) 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	Invoice Number	M	AN	1/22	Must use												
Description: Identifying number assigned by issuer																		
B303	145	Shipment Identification Number	O	AN	1/30	Must use												
Description: 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	Shipment Method of Payment	M	ID	2/2	Must use												
Description: Code identifying payment terms for transportation charges CodeList Summary (Total Codes: 28, Included: 1)																		
<table> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>CC</td> <td>Collect</td> </tr> <tr> <td>PP</td> <td>Pre-Paid</td> </tr> <tr> <td>TP</td> <td>Third Party</td> </tr> <tr> <td>MX</td> <td>Mixed</td> </tr> <tr> <td>DF</td> <td>Per Transaction</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	CC	Collect	PP	Pre-Paid	TP	Third Party	MX	Mixed	DF	Per Transaction
<u>Code</u>	<u>Name</u>																	
CC	Collect																	
PP	Pre-Paid																	
TP	Third Party																	
MX	Mixed																	
DF	Per Transaction																	
B306	373	Date	M	DT	8/8	Must use												
Description: Date expressed as CCYYMMDD																		
B307	193	Net Amount Due	M	N2	1/12	Must use												
Description: Total charges to be paid by the receiver of this transaction set expressed in the standard monetary denomination for the currency specified																		
B308	193	Correction Indicator	O	ID	2/2	Not Used												
Description: Code used to indicate that the transaction set contains information which corrects previous information																		
B311	140	Standard Carrier Alpha Code	M	ID	2/4	Must use												
Description: 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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

Description: Code specifying type of date

CodeList Summary (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
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Description: 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:**

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

Description: Number assigned for differentiation within a transaction set

L1 Rate and Charges

Pos: 180	Max: 10
Detail - Optional	
Loop: 0400	Elements: 5

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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage								
L101	213	Lading Line Item Number	O	N0	1/3	Must use								
Description: Sequential line number for a lading item														
L102	60	Freight Rate	X	R	1/9	Must use								
Description: Rate that applies to the specific commodity														
L103	122	Rate/Value Qualifier	X	ID	2/2	Must use								
Description: Code qualifying how to extend charges or interpret value														
CodeList Summary (Total Codes: 163)														
L104	58	Charge	X	N2	1/12	Must use								
Description: 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	Special Charge or Allowance Code	O	ID	3/3	Must use								
Description: Code identifying type of special charge or allowance														
CodeList Summary (Total Codes: 1073)														
Additional Codes for Canadian Taxes														
<table border="1"> <thead> <tr> <th>Code</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>HST</td> <td>Harmonized Sales Tax</td> </tr> <tr> <td>PST</td> <td>Provincial Tax</td> </tr> <tr> <td>QST</td> <td>Quebec Sales Tax</td> </tr> </tbody> </table>							Code	Name	HST	Harmonized Sales Tax	PST	Provincial Tax	QST	Quebec Sales Tax
Code	Name													
HST	Harmonized Sales Tax													
PST	Provincial Tax													
QST	Quebec Sales Tax													
L112	276	Special Charge Description	O	AN	2/25	Used								
Description: 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:**

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

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	Number of Included Segments	M	N0	1/10	Must use
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.