Estes Express Lines

210 Motor Carrier Freight Details and Invoice

VERSION 4010

Estes Express ISA Information

Qualifier: 02

ID: EXLA

Communication Options: SFTP, AS2, or VAN

210 Motor Carrier Freight Details and Invoice

Functional Group ID=IM

Introduction:

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:

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		
			LOOP ID - 0100			10	
9	110	N1	Name	O	1		
Not Used	120	N2	Additional Name Information	O	1		
10	130	N3	Address Information	O	2		
11	140	N4	Geographic Location	O	1		
Not Used	150	N9	Reference Identification	O	5		
			LOOP ID - 0200			10	
12	160	N7	Equipment Details	O	1		
Not Used	170	M7	Seal Numbers	O	2		
			LOOP ID - 0250			999999	
13	180	SPO	Shipment Purchase Order Detail	O	1		
Not Used	185	SDQ	Destination Quantity	O	10		

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - 0300			999	
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 - 0305			999999	
15	045	SPO	Shipment Purchase Order Detail	O	1		
Not Used	047	SDQ	Destination Quantity	O	10		
			LOOP ID - 0310			2	
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 - 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

	Ref. Des.	Data Element	Name	Attributes
M	**ST01**	**143**	**Transaction Set Identifier Code** Code uniquely identifying a Transaction Set 210 Motor Carrier Freight Details and Invoice	**M ID 3/3**
M	**ST02**	**329**	**Transaction Set Control Number** 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. Des.	Data Element	Name	Attributes	
M	**B302**	**76**	**Invoice Number** Identifying number assigned by issuer	**M**	**AN 1/22**
	B303	**145**	**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)	**O**	**AN 1/30**
M	**B304**	**146**	**Shipment Method of Payment** Code identifying payment terms for transportation charges CC Collect PP Prepaid (by Seller)	**M**	**ID 2/2**
M	**B306**	**373**	**Date** Date expressed as CCYYMMDD	**M**	**DT 8/8**
M	**B307**	**193**	**Net Amount Due** Total charges to be paid by the receiver of this transaction set expressed in the standard monetary denomination for the currency specified	**M**	**N2 1/12**
	B309	**32**	**Delivery Date** Date for delivery of cargo to final consignee or to next mode expressed in format CCYYMMDD	**X**	**DT 8/8**
	B310	**374**	**Date/Time Qualifier** Code specifying type of date or time, or both date and time 140 Actual	**X**	**ID 3/3**
M	**B311**	**140**	**Standard Carrier Alpha Code** Standard Carrier Alpha Code	**M**	**ID 2/4**
	B312	**373**	**Date** Date expressed as CCYYMMDD	**O**	**DT 8/8**

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

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

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

Ref. Des.	Data Element	Name	Attributes
G6201	**432**	**Date Qualifier** Code specifying type of date 86 Actual Pickup Date	**X ID 2/2**
G6202	**373**	**Date** 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. Des.	Data Element	Name	Attributes
M	**R301**	**140**	**Standard Carrier Alpha Code** Standard Carrier Alpha Code	**M ID 2/4**
M	**R302**	**133**	**Routing Sequence Code** 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**	**Transportation Method/Type Code** 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. Des.	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

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

	Ref. Des.	Data Element	Name	Attributes	
M	**N702**	**207**	**Equipment Number** 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**	**Equipment Description Code** 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

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

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

	Ref. Des.	Data Element	Name	Attributes
M	**S501**	**165**	**Stop Sequence Number** Identifying number for the specific stop and the sequence in which the stop is to be performed	**M N0 1/3**
M	**S502**	**163**	**Stop Reason Code** 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

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

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

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

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

	Ref. Des.	Data Element	Name	Attributes
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

Ref. Des.	Data Element	Name	Attributes	
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. Des.	Data Element	Name	Attributes
L002	**220**	**Billed/Rated-as Quantity** 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**	**Billed/Rated-as Qualifier** 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**	**Weight** Numeric value of weight	**X R 1/10**
L005	**187**	**Weight Qualifier** Code defining the type of weight A3 Shippers Weight F Deficit Weight	**X ID 1/2**
L008	**80**	**Lading Quantity** Number of units (pieces) of the lading commodity	**X N0 1/7**
L009	**211**	**Packaging Form Code** Code for packaging form of the lading quantity PCS Pieces	**X ID 3/3**
L011	**188**	**Weight Unit Code** 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

Ref. Des.	Data Element	Name	Attributes
L101	**213**	**Lading Line Item Number** Sequential line number for a lading item	**O N0 1/3**
L102	**60**	**Freight Rate** Rate that applies to the specific commodity	**X R 1/9**
L103	**122**	**Rate/Value Qualifier** Code qualifying how to extend charges or interpret value FR Flat Rate LB Per Pound MN Minimum	**X ID 2/2**
L104	**58**	**Charge** 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**	**Special Charge or Allowance Code** 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**	**Special Charge Description** 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

Ref. Des.	Data Element	Name	Attributes	
L301	**81**	**Weight** Numeric value of weight	**X**	**R 1/10**
L302	**187**	**Weight Qualifier** Code defining the type of weight G Gross Weight	**X**	**ID 1/2**
L305	**58**	**Charge** 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**	**Lading Quantity** 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

	Ref. Des.	Data Element	Name	Attributes
M	**SE01**	**96**	**Number of Included Segments** Total number of segments included in a transaction set including ST and SE segments	**M N0 1/10**
M	**SE02**	**329**	**Transaction Set Control Number** 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**