Estes Express Lines

211 MOTOR CARRIER SHIPMENT INFORMATION

VERSION 4010

Estes Express ISA Information

Qualifier: 02

ID: EXLA

Communication Options: SFTP, AS2, or VAN

211 Motor Carrier Bill of Lading

Functional Group ID=BL

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Motor Carrier Bill of Lading Transaction Set (211) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to allow shippers or other parties, responsible for contracting with a motor carrier, to provide a legal bill of lading for a shipment. It is not to be used to provide a motor carrier with data relative to a load tender, pick-up manifest, or appointment scheduling.

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	BOL	Beginning Segment for the Motor Carrier Bill of Lading	M	1		
6	030	B2A	Set Purpose	M	1		
Not Used	040	MS3	Interline Information	O	12		
Not Used	050	MS2	Equipment or Container Owner and Type	O	1		n1
Not Used	060	L11	Business Instructions and Reference Number	O	100		
7	070	G62	Date/Time	O	6		
Not Used	080	AT5	Bill of Lading Handling Requirements	O	50		
Not Used	090	K1	Remarks	O	10		
			LOOP ID - 0100			10	
8	100	N1	Name	O	1		n2
Not Used	110	N2	Additional Name Information	O	1		
9	120	N3	Address Information	O	2		
10	130	N4	Geographic Location	O	1		
Not Used	140	G61	Contact	O	3		

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - 0200			9999	
11	010	AT1	Bill of Lading Line Item Number	M	1		n3
Not Used	020	L11	Business Instructions and Reference Number	O	100		
Not Used	030	AT3	Bill of Lading Rates and Charges	O	1		n4
12	040	AT4	Bill of Lading Description	O	99		n5
			LOOP ID - 0210			1	
13	050	AT2	Bill of Lading Line Item Detail	M	1		n6
Not Used	060	MAN	Marks and Numbers	O	999999		n7
14	070	SPO	Shipment Purchase Order Detail	O	999999		n8
			LOOP ID - 0220			999999	
Not Used	080	LX	Assigned Number	O	1		n9
Not Used	090	MAN	Marks and Numbers	O	999999		
Not Used	100	SPO	Shipment Purchase Order Detail	O	999999		
			LOOP ID - 0230			2	
Not Used	110	G61	Contact	O	1		n10
Not Used	120	L11	Business Instructions and Reference Number	O	5		

Not Used	130	LH6	Hazardous Certification	O	6	
			LOOP ID - 0231			25
Not Used	140	LH1	Hazardous Identification Information	M	1	
Not Used	150	LH2	Hazardous Classification Information	O	4	
Not Used	160	LH3	Hazardous Material Shipping Name	O	10	
Not Used	170	LFH	Freeform Hazardous Material Information	O	20	
Not Used	180	LEP	EPA Required Data	O	3	
Not Used	190	LH4	Canadian Dangerous Requirements	O	1	
Not Used	200	LHT	Transborder Hazardous Requirements	O	3	
Not Used	210	L11	Business Instructions and Reference Number	O	5	
15	220	SE	Transaction Set Trailer	M	1	

Transaction Set Notes

1. The MS2 segment is used to provide the carrier with the trailer number of the trailer that has the shipment on it.

2. Loop 0100 is used to specify the parties to the Bill of Lading, including but not limited to, the ship-from, ship-to, or bill-to parties.

3. The AT1 segment provides the line number for all of the related items included. It may include reference numbers, rates and charges, descriptions, and or line item details. Any data included within a single loop is related to the other data included in that loop. Any reference numbers included in a loop with line item details are related to that line item only. Any reference numbers included in its own line item are related to the entire shipment and can not be broken out by line item detail.

4. Care should be taken when using the AT3 segment to provide the carrier with a pre-rated Bill of Lading. Rates and charges included on the Bill of Lading are subject to audit. Accessorial charges usually can not be determined before the shipment has been delivered, therefore use of this segment may not negate the requirement for transaction set 210, Freight Invoice and Details.
The AT3 segment provides a means of transmitting freight charges and the basis for those charges. The amount of the charge appears in AT301. If the charge is based on a percent discount, the percent discount is transmitted in AT307 with the charge, after the discount has been applied, in AT301. If the charge is not based on a rating structure (per mile, per hundred weight, as weight etc.) the type of charge is identified in AT306. If the charge is based on a rate, the rate is transmitted in AT303 with the qualifier (per mile, per hundred weight) codified in AT302. If the quantity of the unit being rated is required AT305 is used in conjunction with AT304. For example, for a charge of $20.00 that is based on a rate of $1.00 per mile the segment would be as follows: AT3*2000*PM*1*MI*20 N/L.

5. Segment AT4 provides a means for the shipper to provide a text description of the line item. The National Motor Freight Classification and the freight class shall be included in the AT2 segment if applicable.

6. The AT2 segment is used to provide the carrier with the appropriate data to rate the shipment. It is included per line item when the line item includes an item of freight.

7. The MAN segment provides the marks and numbers associated with the line item identified in the AT2 segment.

8. The SPO segment provides the purchase order numbers and details associated with the line item details included in the AT2 segment.

9. Loop 0220 shall only be used when the marks and numbers or the purchase order detail can not be associated with the specific Bill of Lading line item details included in the AT2 segments transmitted with this Bill of Lading.

10. The G61 segment shall only be used to provide the name and phone number of the contact for any hazardous materials included on this Bill of Lading.

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 211 Motor Carrier Bill of Lading	**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: **BOL** **Beginning Segment for the Motor Carrier Bill of Lading**
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To transmit identifying numbers, dates, and other basic data related to the transaction set
Syntax Notes:
Semantic Notes:
1 BOL01 is the Standard Carrier Alpha Code (SCAC) of the carrier that is to provide transportation services.
2 BOL02 is the method of payment for the freight charges.
3 BOL03 is the identification number assigned by the shipper, usually the Bill of Lading number.
4 BOL04 is the date the carrier picked up the freight.
5 BOL05 is the actual time the carrier picked up the freight.
6 BOL06 is the number assigned by the carrier to the shipment, usually the PRO number.
7 BOL10 is the method of payment for the COD fee.
8 BOL11 is the currency that all monetary units are specified in for this transaction set.
Comments:

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	**BOL01**	**140**	**Standard Carrier Alpha Code** Standard Carrier Alpha Code	**M**	**ID 2/4**
M	**BOL02**	**146**	**Shipment Method of Payment** Code identifying payment terms for transportation charges CC Collect PP Prepaid (by Seller) TP Third Party Pay	**M**	**ID 2/2**
M	**BOL03**	**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)	**M**	**AN 1/30**
M	**BOL04**	**373**	**Date** Date expressed as CCYYMMDD	**M**	**DT 8/8**
	BOL05	**337**	**Time** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	**O**	**TM 4/8**
	BOL06	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	**O**	**AN 1/30**

Segment: **B2A** **Set Purpose**
Position: 030
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To allow for positive identification of transaction set purpose
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	**B2A01**	**353**	**Transaction Set Purpose Code** Code identifying purpose of transaction set 00 Original	**M**	**ID 2/2**

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**
G6203	**176**	**Time Qualifier** Code specifying the reported time 8 Actual Pickup Time	**X ID 1/2**
G6204	**337**	**Time** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	**X TM 4/8**
G6205	**623**	**Time Code** Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow CT Central Time	**O ID 2/2**

Segment: **N1** **Name**
Position: 100
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. Attributes	Data Element	Name			
M	**N101**	**98**	**Entity Identifier Code** Code identifying an organizational entity, a physical location, property or an individual CN Consignee SF Ship From ST Ship To		**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) 92 Assigned by Buyer or Buyer's Agent 93 Code assigned by the organization originating 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: 120
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: 130
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: **AT1** **Bill of Lading Line Item Number**
Position: 010
Loop: 0200 Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To reference a Bill of Lading line number
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	**AT101**	**213**	**Lading Line Item Number** Sequential line number for a lading item	**M**	**N0 1/3**

Segment: **AT4** **Bill of Lading Description**
Position: 040
Loop: 0200 Mandatory
Level: Detail
Usage: Optional
Max Use: 99
Purpose: To specify the lading description
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	**AT401**	**79**	**Lading Description** Description of an item as required for rating and billing purposes	**M**	**AN 1/50**

Segment: **AT2** **Bill of Lading Line Item Detail**
Position: 050
Loop: 0210 Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify Bill of Lading quantity, weight, and commodity classification
Syntax Notes:
1 If either AT206 or AT207 is present, then the other is required.
Semantic Notes:
1 AT201 is the number of carrier handling units for the line item.
2 AT202 is the packaging form of the lading quantity in AT201.
3 AT203 and AT204 qualify AT205.
4 AT205 is the weight of the lading quantity identified in AT201.
5 AT206 is used only if AT202 contains the codes PLT, SKD, or SLP. AT206 is the total number of pieces contained on the pallets, skids or slip sheets identified in AT201.
6 AT207 is the packaging form of the units on the pallet, skid, or slip sheet identified in AT202.
7 AT208 indicates if the carrier is required to verify the number of cartons on the pallet, slip sheet, or skid. A "Y" indicates that the carrier is required to verify the number of cartons. An "N" indicates that the carrier is not required to verify the number of cartons. If AT208 is not present in the segment a code of "N" is assumed.
8 AT209 is the National Motor Freight Classification Number.
Comments:

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	**AT201**	**80**	**Lading Quantity** Number of units (pieces) of the lading commodity	**M**	**N0 1/7**
M	**AT202**	**211**	**Packaging Form Code** Code for packaging form of the lading quantity PLT Pallet	**M**	**ID 3/3**
M	**AT203**	**187**	**Weight Qualifier** Code defining the type of weight N Actual Net Weight	**M**	**ID 1/2**
M	**AT204**	**188**	**Weight Unit Code** Code specifying the weight unit L Pounds	**M**	**ID 1/1**
M	**AT205**	**81**	**Weight** Numeric value of weight	**M**	**R 1/10**
	AT206	**80**	**Lading Quantity** Number of units (pieces) of the lading commodity	**X**	**N0 1/7**
	AT207	**211**	**Packaging Form Code** Code for packaging form of the lading quantity PCS Pieces	**X**	**ID 3/3**
	AT209	**22**	**Commodity Code** Code describing a commodity or group of commodities	**O**	**AN 1/30**
M	**AT210**	**59**	**Freight Class Code** Code indicating generalized classification that applies to one or more items in the shipment, i.e., class 70, 77.5, etc.	**M**	**AN 2/5**

Segment: **SPO** **Shipment Purchase Order Detail**
Position: 070
Loop: 0210 Mandatory
Level: Detail
Usage: Optional
Max Use: 999999
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: **SE** **Transaction Set Trailer**
Position: 220
Loop:
Level: Detail
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**