Estes Express Lines

214 MOTOR CARRIER SHIPMENT INFORMATION

VERSION 4010

Estes Express ISA Information

Qualifier: 02

ID: EXLA

Communication Options: SFTP, AS2, or VAN

214 Transportation Carrier Shipment Status Message

Functional Group ID=QM

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Transportation Carrier Shipment Status Message Transaction Set (214) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used by a transportation carrier to provide shippers, consignees, and their agents with the status of shipments in terms of dates, times, locations, route, identifying numbers, and conveyance.

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	B10	Beginning Segment for Transportation Carrier Shipment Status Message	M	1		
6	030	L11	Business Instructions and Reference Number	O	300		
Not Used	035	MAN	Marks and Numbers	O	9999		
Not Used	040	K1	Remarks	O	10		
			LOOP ID - 0100			10	
7	050	N1	Name	O	1		
Not Used	060	N2	Additional Name Information	O	1		
8	070	N3	Address Information	O	2		
9	080	N4	Geographic Location	O	1		
Not Used	090	G61	Contact	O	1		
Not Used	100	G62	Date/Time	O	1		n1
Not Used	110	L11	Business Instructions and Reference Number	O	10		
Not Used	120	MS3	Interline Information	O	12		
			LOOP ID - 0200			999999	
10	130	LX	Assigned Number	O	1		
			LOOP ID - 0205			10	
11	140	AT7	Shipment Status Details	O	1		
Not Used	143	MS1	Equipment, Shipment, or Real Property Location	O	1		
Not Used	146	MS2	Equipment or Container Owner and Type	O	1		
Not Used	150	L11	Business Instructions and Reference Number	O	10		
Not Used	155	MAN	Marks and Numbers	O	9999		
Not Used	160	Q7	Lading Exception Code	O	10		
Not Used	170	K1	Remarks	O	10		
Not Used	180	AT5	Bill of Lading Handling Requirements	O	10		
13	200	AT8	Shipment Weight, Packaging and Quantity Data	O	10		
			LOOP ID - 0210			999999	
Not Used	210	CD3	Carton (Package) Detail	O	1		n2
Not Used	220	L11	Business Instructions and Reference Number	O	20		
			LOOP ID - 0215			10	
Not Used	230	AT7	Shipment Status Details	O	1		
Not Used	233	MS1	Equipment, Shipment, or Real Property Location	O	1		
Not Used	236	MS2	Equipment or Container Owner and Type	O	1		
Not Used	240	NM1	Individual or Organizational Name	O	1		

Not Used	250	Q7	Lading Exception Code	O	10	
Not Used	260	AT8	Shipment Weight, Packaging and Quantity Data	O	1	
Not Used	265	MAN	Marks and Numbers	O	9999	
			LOOP ID - 0220			999999
Not Used	270	N1	Name	O	1	
Not Used	280	N2	Additional Name Information	O	1	
Not Used	290	N3	Address Information	O	3	
Not Used	300	N4	Geographic Location	O	1	
Not Used	310	L11	Business Instructions and Reference Number	O	10	
			LOOP ID - 0230			999999
Not Used	320	PRF	Purchase Order Reference	O	1	
			LOOP ID - 0231			999999
Not Used	330	N1	Name	O	1	
Not Used	340	N2	Additional Name Information	O	1	
Not Used	350	N3	Address Information	O	2	
Not Used	360	N4	Geographic Location	O	1	
Not Used	370	L11	Business Instructions and Reference Number	O	10	
			LOOP ID - 0233			999999
Not Used	380	CD3	Carton (Package) Detail	O	1	
Not Used	390	L11	Business Instructions and Reference Number	O	20	
			LOOP ID - 0240			10
Not Used	400	AT7	Shipment Status Details	O	1	
Not Used	402	MS1	Equipment, Shipment, or Real Property Location	O	1	
Not Used	404	MS2	Equipment or Container Owner and Type	O	1	
Not Used	405	MAN	Marks and Numbers	O	9999	
			LOOP ID - 0250			999999
Not Used	410	SPO	Shipment Purchase Order Detail	O	1	
Not Used	420	SDQ	Destination Quantity	O	10	
			LOOP ID - 0260			>1
Not Used	423	EFI	Electronic Format Identification	O	1	
Not Used	426	BIN	Binary Data	M	1	
14	610	SE	Transaction Set Trailer	M	1	

Transaction Set Notes

1. Status and appointment dates and times shall not be transmitted in the G62 segment.

2. Loops 0210, 0215 and 0220 shall be used in conjunction with loop 0200 to convey status for small package carrier shipments.

Segment: **ST** **Transaction Set Header**
Position: 010
Loop:
Level:
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 214 Transportation Carrier Shipment Status Message	**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: **B10** **Beginning Segment for Transportation Carrier Shipment Status Message**
Position: 020
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To transmit identifying numbers and other basic data relating to the transaction set
Syntax Notes:
1 At least one of B1001 or B1006 is required.
2 Only one of B1001 or B1005 may be present.
3 If either B1005 or B1006 is present, then the other is required.
Semantic Notes:
1 B1001 is the carrier assigned reference number.
2 B1007 indicates if the reference numbers included in this transmission were transmitted to the carrier via EDI or key entered by the carrier. A "Y" indicates that the carrier received the reference numbers in an EDI transmission; an "N" indicates that the carrier did not receive the reference numbers in an EDI transmission and key entered the data from a shipper supplied document.
Comments:
1 B1001 is the carrier's PRO (invoice number) that identifies the shipment.
2 B1003 is required when used in Transaction Set 214.
3 B1006 is the carrier assigned bar code identification or another carrier assigned shipment identification, such as a manifest number.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
	B1001	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	**X**	**AN 1/30**
	B1002	**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	**B1003**	**140**	**Standard Carrier Alpha Code** Standard Carrier Alpha Code	**M**	**ID 2/4**

Segment: **L11** **Business Instructions and Reference Number**
Position: 030
Loop:
Level:
Usage: Optional
Max Use: 300
Purpose: To specify instructions in this business relationship or a reference number
Syntax Notes: **1** At least one of L1101 or L1103 is required.
2 If either L1101 or L1102 is present, then the other is required.
Semantic Notes:
Comments:

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
L1101	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	**X**	**AN 1/30**
L1102	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification PO Purchase Order Number	**X**	**ID 2/3**

Segment: **N1** **Name**
Position: 050
Loop: 0100 Optional
Level:
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**
			BT	Bill-to-Party		
			CN	Consignee		
			SH	Shipper		
	N102	**93**	**Name** Free-form name		**X**	**AN 1/60**

Segment: **N3** **Address Information**
Position: 070
Loop: 0100 Optional
Level:
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: 080
Loop: 0100 Optional
Level:
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**

Segment: **LX** **Assigned Number**
Position: 130
Loop: 0200 Optional
Level:
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: **AT7** **Shipment Status Details**
Position: 140
Loop: 0205 Optional
Level:
Usage: Optional
Max Use: 1
Purpose: To specify the status of a shipment, the reason for that status, the date and time of the status and the date and time of any appointments scheduled.
Syntax Notes:
1 Only one of AT701 or AT703 may be present.
2 If either AT701 or AT702 is present, then the other is required.
3 If either AT703 or AT704 is present, then the other is required.
4 If AT706 is present, then AT705 is required.
5 If AT707 is present, then AT706 is required.
Semantic Notes:
1 If AT701 is present, AT705 is the date the status occurred. If AT703 is present, AT705 is a date related to an appointment.
If AT701 is present, AT706 is the time of the status. If AT703 is present, AT706 is the time of the appointment.
2 If AT707 is not present then AT706 represents local time of the status.
Comments:

Data Element Summary

Ref. Des.	Data Element	Name			
Attributes					
AT701	**1650**	**Shipment Status Code**		**X**	**ID 2/2**
		Code indicating the status of a shipment			
		AF	Carrier Departed Pick-up Location with Shipment		
		AG	Estimated Delivery		
		AI	Shipment has been Reconsigned		
		AV	Available for Delivery		
		D1	Completed Unloading at Delivery Location		
		SD	Shipment Delayed		
		X1	Arrived at Delivery Location		
AT702	**1651**	**Shipment Status or Appointment Reason Code**		**X**	**ID 2/2**
		Code indicating the reason a shipment status or appointment reason was transmitted			
		BS	Refused by Customer		
		NS	Normal Status		
AT703	**1652**	**Shipment Appointment Status Code**		**X**	**ID 2/2**
		Code indicating the status of an appointment to pick-up or deliver a shipment			
		AB	Delivery Appointment Date and/or Time		
		X9	Delivery Appointment Secured on This Date and/or Time		
AT704	**1651**	**Shipment Status or Appointment Reason Code**		**X**	**ID 2/2**
		Code indicating the reason a shipment status or appointment reason was transmitted			
		NA	Normal Appointment		
AT705	**373**	**Date**		**X**	**DT 8/8**
		Date expressed as CCYYMMDD			
AT706	**337**	**Time**		**X**	**TM 4/8**
		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)			
AT707	**623**	**Time Code**		**O**	**ID 2/2**

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

ET	Eastern Time

Segment: **AT8** **Shipment Weight, Packaging and Quantity Data**
Position: 200
Loop: 0200 Optional
Level:
Usage: Optional
Max Use: 10
Purpose: To specify shipment details in terms of weight, and quantity of handling units
Syntax Notes:
1 If any of AT801 AT802 or AT803 is present, then all are required.
2 If either AT806 or AT807 is present, then the other is required.
Semantic Notes:
1 AT804 is the quantity of handling units that are not unitized (for example a carton). When added to the quantity in AT805, it is the total quantity of handling units in the shipment.
2 AT805 is the quantity of handling units that are unitized (for example on a pallet or slip sheet). When added to the quantity in AT804 it is the total quantity of handling units for the shipment.
Comments:

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
AT801	**187**	**Weight Qualifier** Code defining the type of weight G Gross Weight	**X**	**ID 1/2**
AT802	**188**	**Weight Unit Code** Code specifying the weight unit L Pounds	**X**	**ID 1/1**
AT803	**81**	**Weight** Numeric value of weight	**X**	**R 1/10**
AT804	**80**	**Lading Quantity** Number of units (pieces) of the lading commodity	**O**	**N0 1/7**

Segment: **SE** **Transaction Set Trailer**
Position: 610
Loop:
Level:
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**