

**Meritor**  
**Transportation Management Systems**

**EDI 234**  
**IMPLEMENTATION GUIDE**

# 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.

## Notes:

EDI 214 transactions should be sent for the following events:

Arrival At Shipper  
Departure from Shipper  
Arrival at Consignee  
Departure from Consignee  
ETA to Consignee

If lane over 500 miles, one 214 ETA update every 8 hours until delivery

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
010	<a href="#">ST</a>	Transaction Set Header	M		1	
020	<a href="#">B10</a>	Beginning Segment for Transportation Carrier Shipment Status Message	M		1	
		LOOP ID - 0200			999999	
130	<a href="#">LX</a>	Assigned Number	M		1	
		LOOP ID - 0205			10	
140	<a href="#">AT7</a>	Shipment Status Details	M		1	
143	<a href="#">MS1</a>	Equipment, Shipment, or Real Property Location	M		1	
150	<a href="#">L11</a>	Business Instructions and Reference Number	M		10	
200	<a href="#">AT8</a>	Shipment Weight, Packaging and Quantity Data	M		10	
610	<a href="#">SE</a>	Transaction Set Trailer	M		1	

**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:**

**Comments:**

**Notes:** PLEASE NOTE FOR ALL TRUCKLOAD SHIPMENTS WHOSE DISTANCE IS OVER 500 MILES, WE ARE EXPECTING EDI 214 EVERY 8 HRS UNLESS OTHERWISE AGREED UPON.

**Data Element Summary**

Ref.	Data	Attributes
<u>Des.</u>	<u>ElementName</u>	
ST01 143	<b>Transaction Set Identifier Code</b> Code uniquely identifying a Transaction Set Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 3/3
ST02 329	<b>Transaction Set Control Number</b> 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:**1At least one of B1001 or B1006 is required.

2Only one of B1001 or B1005 may be present.

3If either B1005 or B1006 is present, then the other is required.

**Comments:**1B1001 is the carrier's PRO (invoice number) that identifies the shipment.

2B1003 is required when used in Transaction Set 214.

3B1006 is the carrier assigned bar code identification or another carrier assigned shipment identification, such as a manifest number.

**Data Element Summary**

Ref.	Data	Attributes
<u>Des.</u>	<u>ElementName</u>	
B1001 127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier CARRIER INVOICE Number or Pro Number must be provided	M AN 1/30
B1002 145	<b>Shipment Identification Number</b> 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) THIS IS MERITOR TMS number provided via EDI 204 in B2 segment.	M AN 1/30
B1003 140	<b>Standard Carrier Alpha Code</b> Standard Carrier Alpha Code THIS IS REQUIRED INFORMATION by MERITOR, or else the entire transaction is rejected.	M ID 2/4

**Segment:** **LX** Assigned Number

**Position:** 130

**Loop:** 0200 Mandatory

**Level:**

**Usage:** Mandatory

**Max Use:** 1

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

**Syntax Notes:**

**Comments:**

### Data Element Summary

**Ref. Data**

**Des. ElementName**

**Attributes**

<b>LX01 554</b>	<b>Assigned Number</b>	<b>M N0 1/6</b>
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Number assigned for differentiation within a transaction set

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**Segment:** **AT7** Shipment Status Details

**Position:** 140

**Loop:** 0205 Mandatory

**Level:**

**Usage:** Mandatory

**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.

**Comments:**

**Notes:** Arrival Day and Time (at Shipper) -----X3

Departure Day and Time (at Shipper) -----AF

Scheduled Delivery Time (at Consignee) -----X1

Actual Delivery Time (at Consignee) -----D1

ETA to Consignee -----AG

### Data Element Summary

**Ref. Data**

**Des. ElementName**

**Attributes**

<b>AT701 1650</b>	<b>Shipment Status Code</b>	<b>X ID 2/2</b>
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Code indicating the status of a shipment

*AF Carrier Departed Pick-up Location with Shipment*

*AG Estimated Delivery*

*AN Diverted to Air Carrier*

*AV Available for Delivery*

*CD Carrier Departed Delivery Location*  
*CP Completed Loading at Pick-up Location*  
*D1 Completed Unloading at Delivery Location*  
*P1 Departed Terminal Location*  
*SD Shipment Delayed*  
*X1 Arrived at Delivery Location*  
*X2 Estimated Date and/or Time of Arrival at Consignee's Location*  
*X3 Arrived at Pick-up Location*  
*X4 Arrived at Terminal Location*  
*X6 En Route to 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  
 Refer to 004010 Data Element Dictionary for acceptable code values.

**AT703 1652 Shipment Appointment Status Code** **X ID 2/2**  
 Code indicating the status of an appointment to pick-up or deliver a shipment  
*AA Pick-up Appointment Date and/or Time*  
*AB Delivery Appointment Date and/or Time*  
*AC Estimated Delivery Appointment Date and/or Time*  
*ED Deliver No Earlier Than Date and/or Time*  
*EP Pick-up No Earlier Than Date and/or Time*  
*LD Deliver No Later Than Date and/or Time*  
*LP Pick-up No Later Than Date and/or Time*  
*X9 Delivery Appointment Secured on This Date and/or Time*  
*XA Pick-up 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  
 Refer to 004010 Data Element Dictionary for acceptable code values.

**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)

**Segment:** **MS1** Equipment, Shipment, or Real Property Location

**Position:** 143

**Loop:** 0205 Mandatory

**Level:**

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To specify the location of a piece of equipment, a shipment, or real property in terms of city and state or longitude and latitude

**Syntax Notes:** 1 If MS101 is present, then at least one of MS102 or MS103 is required.

2 Only one of MS101 or MS104 may be present.

3 If MS102 is present, then MS101 is required.

4 If MS103 is present, then MS101 is required.

5 If either MS104 or MS105 is present, then the other is required.

6 If MS106 is present, then MS104 is required.

7 If MS107 is present, then MS105 is required.

**Comments:**

## Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>ElementName</u>		<u>Attributes</u>
MS101	19	<b>City Name</b> Free-form text for city name	X AN 2/30
MS102	156	<b>State or Province Code</b> Code (Standard State/Province) as defined by appropriate government agency	X ID 2/2
MS103	26	<b>Country Code</b> Code identifying the country	X ID 2/3

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### Segment: **L11** Business Instructions and Reference Number

**Position:** 150

**Loop:** 0200 Mandatory

**Level:**

**Usage:** Mandatory

**Max Use:** 10

**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.

**Comments:**

## Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>ElementName</u>		<u>Attributes</u>
L1101	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier STOP LOCATION nbr provided by Meritor on EDI 204 in S5 segment	X AN 1/30
L1102	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification <i>QN Stop Sequence Number</i>	X ID 2/3

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### Segment: **AT8** Shipment Weight, Packaging and Quantity Data

**Position:** 200

**Loop:** 0200 Mandatory

**Level:**

**Usage:** Mandatory

**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.

**Comments:**

## Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Des. ElementName</u>	<u>Attributes</u>
>>AT801	187	<b>Weight Qualifier</b> Code defining the type of weight <i>N Actual Net Weight</i>	<b>X ID 1/2</b>
>>AT802	188	<b>Weight Unit Code</b> Code specifying the weight unit Refer to 004010 Data Element Dictionary for acceptable code values.	<b>X ID 1/1</b>
AT803	81	<b>Weight</b> Numeric value of weight	<b>M R 1/10</b>
>>AT806	184	<b>Volume Unit Qualifier</b> Code identifying the volume unit Refer to 004010 Data Element Dictionary for acceptable code values.	<b>X ID 1/1</b>
AT807	183	<b>Volume</b> Value of volumetric measure	<b>M R 1/8</b>

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**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:

**Comments:**1 SE is the last segment of each transaction set.

## Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Des. ElementName</u>	<u>Attributes</u>
SE01	96	<b>Number of Included Segments</b> Total number of segments included in a transaction set including ST and SE segments	<b>M N0 1/10</b>
SE02	329	<b>Transaction Set Control Number</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	<b>M AN 4/9</b>