

214 Transportation Carrier Shipment Status Message

Functional Group=QM

Purpose: 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.

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
010	ST	Transaction Set Header	M	1		
020	B10	Beginning Segment for Transportation Carrier Shipment Status Message	M	1		
030	L11	Business Instructions and Reference Number	O	300		
LOOP ID - 0200					999999	
130	LX	Assigned Number	O	1		
LOOP ID - 0205					10	
140	AT7	Shipment Status Details	O	1		
143	MS1	Equipment, Shipment, or Real Property Location	O	1		
150	L11	Business Instructions and Reference Number	O	10		
160	Q7	Lading Exception Code	O	10		
200	AT8	Shipment Weight, Packaging and Quantity Data	O	10		
610	SE	Transaction Set Trailer	M	1		

User:

A 214 is required when a Pre-Appointment is confirmed with the customer, appointments are made for pick-up and/or delivery, the pick-up is complete, the shipment is delayed, a delivery is rescheduled, and a delivery is complete. If there is more than one stop, a 214 is to be sent after the completion of each leg. If there is more one than pick-up, a 214 must be sent when each is completed. The 214's will be acknowledged with a 997.

ST Transaction Set Header

Pos: 010	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

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				
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				

B10 Beginning Segment for Transportation Carrier Shipment Status Message

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 3

Purpose: To transmit identifying numbers and other basic data relating to the transaction set

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>
B1001	127	Reference Identification	C	AN	1/30	Used
		<p>Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</p> <p>User: This element is required and must be unique.</p>				
B1002	145	Shipment Identification Number	O	AN	1/30	Used
		<p>Description: 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)</p> <p>User: This value was transmitted in the B204 element of the 204, it must be returned.</p>				
B1003	140	Standard Carrier Alpha Code	M	ID	2/4	Must use
		<p>Description: Standard Carrier Alpha Code</p> <p>User: This value was transmitted in the B202 element of the 204, it must be returned.</p>				

L11 Business Instructions and Reference Number

Pos: 030	Max: 300
Heading - Optional	
Loop: N/A	Elements: 2

Purpose: To specify instructions in this business relationship or a reference 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>
L1101	127	Reference Identification	C	AN	1/30	Used
		<p>Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</p> <p>User: The PRO/Invoice Number(Code "CN") is required on all 214's.</p>				
L1102	128	Reference Identification Qualifier	C	ID	2/3	Used
		<p>Description: Code qualifying the Reference Identification</p> <p>CodeList Summary (Total Codes: 1503, Included: 4)</p> <p>Code Name</p> <p>BM Bill of Lading Number</p> <p>CN Carrier's Reference Number (PRO/Invoice)</p> <p>IK Invoice Number</p> <p>Description: Manufacturer's invoice number for vehicle/component</p> <p>SN Seal Number</p>				

User:

This("BM") L11 is mandatory. The L1101 value will be transmitted at the Header Level of the 204 in an L11 segment with an L1102 value of "BM". This BOL links the 214 to an application.

LX Assigned Number

Pos: 130	Max: 1
Heading - Optional	
Loop: 0200	Elements: 1

Purpose: To reference a line number in a transaction set

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>
LX01	554	Assigned Number	M	NO	1/6	Must use

Description: Number assigned for differentiation within a transaction set

User: This value must correspond to the stop sequence number transmitted in the S501 element of the 204. The origin point is to be considered the first stop unless a pool.

AT7 Shipment Status Details

Pos: 140	Max: 1
Heading - Optional	
Loop: 0205	Elements: 6

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.

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>
AT701	1650	Shipment Status Code	C	ID	2/2	Used

Description: Code indicating the status of a shipment

User: By standard, if this element is sent, AT702 is required.

If the AT701 is not "SD" then send "NS" in the AT702.

If the AT701 is "SD", then provide the reason for the delay (other than "NS") in the AT702.

By standard, if this element is transmitted, AT703 must not be sent.

CodeList Summary (Total Codes: 42, Included: 8)

Code Name

- AG Estimated Delivery
- CP Completed Loading at Pick-up Location
- D1 Completed Unloading at Delivery Location
- J1 Delivered to Connecting Line
- S1 Trailer Spotted at Consignee's Location
- SD Shipment Delayed
- X1 Arrived at Delivery Location
- X3 Arrived at Pick-up Location

AT702	1651	Shipment Status or Appointment Reason Code	C	ID	2/2	Used
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Description: Code indicating the reason a shipment status or appointment reason was transmitted

User: If AT701 is used, then this element must be sent.

Note 1:

For reason codes **AG**(Consignee Related), **AJ**(Other Carrier Related) and **AM**(Shipper Related), each carrier will be asked for additional details related to those reason codes to enable root cause analysis of these incidents.

CodeList Summary (Total Codes: 86, Included: 10)

Code Name

- AF Accident

Code Name

- AG Consignee Related
- AH Driver Related
- AI Mechanical Breakdown
- AJ Other Carrier Related
- AL Previous Stop
- AM Shipper Related
- AO Weather or Natural Disaster Related
- BQ Shipment Overweight
- NS Normal Status

AT703 1652 **Shipment Appointment Status Code** C ID 2/2 Used

Description: Code indicating the status of an appointment to pick-up or deliver a shipment

User: By standard, if this element is sent, AT704 is required.

By standard, if this element is sent, AT701 must not be used.

Reminder: When a pick-up or delivery date/time is confirmed, a 214 with that information is required.

Code "AC" MAY ONLY BE USED when servicing either a "First Come First Serve" customer or one who does not require an appointment.

CodeList Summary (Total Codes: 9, Included: 3)

Code Name

- AA Pick-up Appointment Date and/or Time
- AB Delivery Appointment Date and/or Time
- AC Estimated Delivery Appointment Date and/or Time

AT704 1651 **Shipment Status or Appointment Reason Code** C ID 2/2 Used

Description: Code indicating the reason a shipment status or appointment reason was transmitted

User: If AT703 is used, this element must be sent.

Note 1:

Use reason code '**NS**' when reporting normal scheduled pickup and delivery appointments.

Note 2:

If a pickup or delivery appointment has been **rescheduled**, use a reason code from the list provided other than '**NS**'.

Note 3:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		For reason codes AG (Consignee Related), AJ (Other Carrier Related) and AM (Shipper Related), each carrier will be asked for additional details related to those reason codes to enable root cause analysis of these incidents.				
		CodeList Summary (Total Codes: 86, Included: 10)				
		Code Name				
		AF Accident				
		AG Consignee Related				
		AH Driver Related				
		AI Mechanical Breakdown				
		AJ Other Carrier Related				
		AL Previous Stop				
		AM Shipper Related				
		AO Weather or Natural Disaster Related				
		BQ Shipment Overweight				
		NS Normal Status				

AT705	373	Date	C	DT	8/8	Used
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Description: Date expressed as CCYYMMDD
User: Must always be transmitted.

AT706	337	Time	C	TM	4/8	Used
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Description: 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)
User: Local Time is assumed.

Must always be sent.

User:

At a minimum, 6 status details are required. The AT701 values are sequenced as follows.

"X3" To relay arrival at the pickup location.

"CP" To relay load completion.

The above series must be sent for each pickup location.

"X1" To relay arrival at a delivery location.

"D1" To relay unload completion.

The above series must be sent for each delivery.

Multiple AT7's may be transmitted within a single S5 loop as long as the earliest still falls within the reporting window.

More than one AT7 may be needed to relay the status.

For example, a new delivery date due to a delay would require two AT7's.

MS1 Equipment, Shipment, or Real Property Location

Pos: 143	Max: 1
Heading - Optional	
Loop: 0205	Elements: 2

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

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>
MS101	19	City Name	C	AN	2/30	Used
		Description: Free-form text for city name				
MS102	156	State or Province Code	C	ID	2/2	Used
		Description: Code (Standard State/Province) as defined by appropriate government agency				

User:

This segment will give the geographic location of the load when the status is reported. This segment is required by Hershey only when there is a delay. If multiple AT7's are transmitted, only one MS1 should be sent and that should be within the first AT7 occurrence.

L11 Business Instructions and Reference Number

Pos: 150	Max: 10
Heading - Optional	
Loop: 0200	Elements: 3

Purpose: To specify instructions in this business relationship or a reference 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>
L1101	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C	AN	1/30	Used
L1102	128	Reference Identification Qualifier Description: Code qualifying the Reference Identification User: When an appointment number is obtained or if the appointment number changes, it must be reported. CodeList Summary (Total Codes: 1503, Included: 1) Code Name AO Appointment Number	C	ID	2/3	Used
L1103	352	Description User: To report the Event Management <u>EVENTS</u> <u>Overweight</u> Overweight -- Over-Axle Overweight -- Over-Gross _____ <u>Seal Number</u> MX Government US Government CN Government Overweight _____ <u>ProForma</u> Invoice for goods on truck	C	AN	1/80	Used

Q7 Lading Exception Code

Pos: 160	Max: 10
Heading - Optional	
Loop: 0200	Elements: 1

Purpose: To specify the status of the shipment in terms of lading exception information

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>
Q701	33	Lading Exception Code	M	ID	1/1	Must use

Description: Code indicating the condition of the shipment

CodeList Summary (Total Codes: 6, Included: 5)

<u>Code</u>	<u>Name</u>
A	Short
D	Damaged
E	Shipment Refused
O	Overage
W	Wrong Product

User:

More than one Q7 may be transmitted.

AT8 Shipment Weight, Packaging and Quantity Data

Pos: 200	Max: 10
Heading - Optional	
Loop: 0200	Elements: 3

Purpose: To specify shipment details in terms of weight, and quantity of handling units

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>				
AT801	187	Weight Qualifier	C	ID	1/2	Used				
<p>Description: Code defining the type of weight</p> <p>CodeList Summary (Total Codes: 51, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>CE</td> <td>Certified Weight of Cargo</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	CE	Certified Weight of Cargo
<u>Code</u>	<u>Name</u>									
CE	Certified Weight of Cargo									
AT802	188	Weight Unit Code	C	ID	1/1	Used				
<p>Description: Code specifying the weight unit</p> <p>CodeList Summary (Total Codes: 8, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>L</td> <td>Pounds</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	L	Pounds
<u>Code</u>	<u>Name</u>									
L	Pounds									
AT803	81	Weight	C	R	1/10	Used				
<p>Description: Numeric value of weight</p>										

User:

This AT8 segment is mandatory when reporting an Event Management overweight.

SE Transaction Set Trailer

Pos: 610	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

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				