



EDI Specifications  
X12 4010 214  
Transportation Carrier Shipment Status  
Message



# 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.

	<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>
M	010	ST	Transaction Set Header	M	1		
M	020	B10	Beginning Segment for Transportation Carrier Shipment Status Message	M	1		
			LOOP ID - 0100			10	
	050	N1	Name	O	1		
			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		
	146	MS2	Equipment or Container Owner and Type	O	1		
	150	L11	Business Instructions and Reference Number	O	10		
M	610	SE	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:**  
**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**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	<b>Transaction Set Identifier Code</b> Code uniquely identifying a Transaction Set 214 Transportation Carrier Shipment Status Message	M ID 3/3
M	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:**

- 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.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
B1001	127	<b>Reference Identification</b>	X AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
		Should be the carrier's unique identifier, commonly known as the PRO# or Tracking Number.	
B1002	145	<b>Shipment Identification Number</b>	O AN 1/30
		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)	
		Should be the shipper's bill of lading number (BOL#), commonly found in the B204 element of the EDI 204 or on the bill of lading paperwork.	
M	B1003	140 <b>Standard Carrier Alpha Code</b>	M ID 2/4
		Standard Carrier Alpha Code	

**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.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
M	N101	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		N5 Party Who Signed the Delivery Receipt	
	N102	93 Name	X AN 1/60
		Free-form name	

**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**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M	LX01	554	Assigned Number	M NO 1/6
			Number assigned for differentiation within a transaction set	

**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:**

**Notes:** Only send D1 status for the final drop off.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
AT701	1650	<b>Shipment Status Code</b> Code indicating the status of a shipment Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/2
AT702	1651	<b>Shipment Status or Appointment Reason Code</b> Code indicating the reason a shipment status or appointment reason was transmitted NS Normal Status	X ID 2/2
AT703	1652	<b>Shipment Appointment Status Code</b> 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	X ID 2/2
AT704	1651	<b>Shipment Status or Appointment Reason Code</b> Code indicating the reason a shipment status or appointment reason was transmitted NS Normal Status	X ID 2/2
AT705	373	<b>Date</b> Date expressed as CCYYMMDD	X DT 8/8
AT706	337	<b>Time</b>	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

LT                      Local Time



**Segment:** **MS1** Equipment, Shipment, or Real Property Location  
**Position:** 143  
**Loop:** 0205 Optional  
**Level:**  
**Usage:** Optional  
**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.

**Semantic Notes:**

- 1 MS104 is the longitude expressed in Degrees, Minutes, and Seconds.
- 2 MS105 is the latitude expressed in Degrees, Minutes, and Seconds.
- 3 MS106 may only be 'E' or 'W'.
- 4 MS107 may only be 'N' or 'S'.

**Comments:**

#### Data Element Summary

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

**Segment:** **MS2** Equipment or Container Owner and Type  
**Position:** 146  
**Loop:** 0205 Optional  
**Level:**  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the owner, the identification number assigned by that owner, and the type of equipment  
**Syntax Notes:** 1 If either MS201 or MS202 is present, then the other is required.  
2 If MS204 is present, then MS202 is required.  
**Semantic Notes:**  
**Comments:** 1 MS203 identifies the type for the equipment specified in MS202.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
MS201	140	<b>Standard Carrier Alpha Code</b> Standard Carrier Alpha Code	X ID 2/4
MS202	207	<b>Equipment Number</b> Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)	X AN 1/10
MS203	40	<b>Equipment Description Code</b> Code identifying type of equipment used for shipment Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2
MS204	761	<b>Equipment Number Check Digit</b> Number which designates the check digit applied to a piece of equipment	O N0 1/1

**Segment:** **L11 Business Instructions and Reference Number**  
**Position:** 150  
**Loop:** 0200 Optional  
**Level:**  
**Usage:** Optional  
**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.

**Semantic Notes:**

**Comments:**

**Notes:** For any stop related statuses, please send the L11 with the stop sequence number (origin stop is stop sequence 1) in the L1101 and a QN qualifier in the L1102.

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</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	X AN 1/30
L1102	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/3
L1103	352	<b>Description</b> A free-form description to clarify the related data elements and their content	X AN 1/80

**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

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	SE01	96	<b>Number of Included Segments</b>	M NO 1/10
			Total number of segments included in a transaction set including ST and SE segments	
M	SE02	329	<b>Transaction Set Control Number</b>	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	