



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:
Business Rules: Variable Name: STST

Data Element Summary

	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code	M ID 3/3
			Code uniquely identifying a Transaction Set	
			214 Transportation Carrier Shipment Status Message	
M	ST02	329	Transaction Set Control Number	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	

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		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
B1001	127	Reference Identification	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#.	
B1002	145	Shipment Identification Number	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 segment of the EDI 204 or on the bill of lading paperwork.	
M	B1003	140 Standard Carrier Alpha Code	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>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
M	LX01	554	Assigned Number	M N0 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 stop.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
AT701	1650	Shipment Status Code	X ID 2/2
		Code indicating the status of a shipment	
		A3	Shipment Returned to Shipper
		A7	Refused by Consignee
		A9	Shipment Damaged
		AF	Carrier Departed Pick-up Location with Shipment
		AG	Estimated Delivery
		AH	Attempted Delivery
		AI	Shipment has been Reconsigned
		AJ	Tendered for Delivery
		AM	Loaded on Truck
		AP	Delivery Not Completed
		AR	Rail Arrival at Destination Intermodal Ramp
		AV	Available for Delivery
		BA	Connecting Line or Cartage Pick-up
		BC	Storage in Transit
		CD	Carrier Departed Delivery Location
		CL	Trailer Closed Out
		CP	Completed Loading at Pick-up Location
		D1	Completed Unloading at Delivery Location

J1	Delivered to Connecting Line
K1	Arrived at Customs
L1	Loading
OO	Paperwork Received - Did not Receive Shipment or Equipment
P1	Departed Terminal Location
PR	U.S. Customs Hold at In-Bond Location
R1	Received from Prior Carrier
S1	Trailer Spotted at Consignee's 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
X5	Arrived at Delivery Location Loading Dock
X6	En Route to Delivery Location
X8	Arrived at Pick-up Location Loading Dock

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

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

Preference is sending local time

CT	Central Time
ET	Eastern Time
LT	Local Time
MT	Mountain Time

NT	Newfoundland Time
PT	Pacific Time
TT	Atlantic 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	
MS103	26	Country Code	X ID 2/3
		Code identifying the country	

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>Attributes</u>
<u>Des.</u>	<u>Element</u> <u>Name</u>	
MS201	140 Standard Carrier Alpha Code Standard Carrier Alpha Code	X ID 2/4
MS202	207 Equipment Number Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)	X AN 1/10

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 in the L1101 and a QN qualifier in the L1102.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
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 Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/3
L1103	352	Description 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

	Ref.	Data		Attributes
		<u>Des.</u>	<u>Element</u> <u>Name</u>	
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