

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>Page No.</u>	<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>
2	010	ST	Transaction Set Header	M	1		
3	020	B10	Beginning Segment for Transportation Carrier Shipment Status Message	M	1		
4	030	L11	Business Instructions and Reference Number	O	300		
						999999	
5	130	LX	Assigned Number	O	1		
						10	
6	140	AT7	Shipment Status Details	O	1		
9	143	MS1	Equipment, Shipment, or Real Property Location	O	1		
10	146	MS2	Equipment or Container Owner and Type	O	1		
11	150	L11	Business Instructions and Reference Number	O	10		
12	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	Transaction Set Identifier Code Code uniquely identifying a Transaction Set Refer to 004010 Data Element Dictionary for acceptable code values.	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

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

<u>Ref. Des.</u>	<u>Data Element</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 AG Agent's Shipment Number OQ Order Number Qualifies a code that identifies the authorizing documentation for a household goods	X ID 2/3

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

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
AT701	1650	Shipment Status Code	X ID 2/2
		Code indicating the status of a shipment	
		AF Carrier Departed Pick-up Location with Shipment	
		CD Carrier Departed Delivery Location	
		X1 Arrived at Delivery Location	
		X3 Arrived at Pick-up 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	
		A1 Missed Delivery	
		A2 Incorrect Address	
		A3 Indirect Delivery	
		A5 Unable to Locate	
		A6 Address Corrected - Delivery Attempted	
		AA Mis-sort	
		AD Customer Requested Future Delivery	
		AE Restricted Articles Unacceptable	
		AF Accident	
		AG Consignee Related	
		AH Driver Related	
		AI Mechanical Breakdown	
		AJ Other Carrier Related	
		AK Damaged, Rewrapped in Hub	
		AL Previous Stop	
		AM Shipper Related	
		AN Holiday - Closed	
		AO Weather or Natural Disaster Related	
		AP Awaiting Export	
		AQ Recipient Unavailable - Delivery Delayed	

AR	Improper International Paperwork
AS	Hold Due to Customs Documentation Problems
AT	Unable to Contact Recipient for Broker Information
AU	Civil Event Related Delay
AV	Exceeds Service Limitations
AW	Past Cut-off Time
AX	Insufficient Pick-up Time
AY	Missed Pick-up
AZ	Alternate Carrier Delivered
B1	Consignee Closed
B2	Trap for Customer
B4	Held for Payment
B5	Held for Consignee
B8	Improper Unloading Facility or Equipment
B9	Receiving Time Restricted
BB	Held per Shipper
BC	Missing Documents
BD	Border Clearance
BE	Road Conditions
BF	Carrier Keying Error
BG	Other
BH	Insufficient Time to Complete Delivery
BI	Cartage Agent
BJ	Customer Wanted Earlier Delivery
BK	Prearranged Appointment
BL	Held for Protective Service
BM	Flatcar Shortage
BN	Failed to Release Billing
BO	Railroad Failed to Meet Schedule
BP	Load Shifted
BQ	Shipment Overweight
BR	Train Derailment
BS	Refused by Customer
BT	Returned to Shipper
C1	Waiting for Customer Pick-up
C2	Credit Hold
C3	Suspended at Customer Request
C4	Customer Vacation
C5	Customer Strike
C6	Waiting Shipping Instructions
C7	Waiting for Customer Specified Carrier
C8	Collect on Delivery Required
C9	Cash Not Available From Consignee
CA	Customs (Import or Export)
CB	No Requested Arrival Date Provided by Shipper
CC	No Requested Arrival Time Provided by Shipper
D1	Carrier Dispatch Error
D2	Driver Not Available
F1	Non-Express Clearance Delay
F2	International Non-carrier Delay
HB	Held Pending Appointment

NA	Normal Appointment
NS	Normal Status
P1	Processing Delay
P2	Waiting Inspection
P3	Production Falldown
P4	Held for Full Carrier Load
RC	Reconsigned
S1	Delivery Shortage
T1	Tractor With Sleeper Car Not Available
T2	Tractor, Conventional, Not Available
T3	Trailer not Available
T4	Trailer Not Usable Due to Prior Product
T5	Trailer Class Not Available
T6	Trailer Volume Not Available
T7	Insufficient Delivery 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 Refer to 004010 Data Element Dictionary for acceptable code values.

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

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

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</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	X ID 2/3
		OQ Order Number Qualifies a code that identifies the authorizing documentation for a household goods	
		QN Stop Sequence Number	

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