

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.

Segment Summary:

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 - 0100					10	
050	N1	Name	O	1		
070	N3	Address Information	O	2		
080	N4	Geographic Location	O	1		
100	G62	Date/Time	O	1		N
120	MS3	Interline Information	O	12		
LOOP ID - 0200					999999	
130	LX	Assigned Number	O	1		
LOOP ID - 0205					10	
140	AT7	Shipment Status Details	O	1		
160	Q7	Lading Exception Code	O	10		
200	AT8	Shipment Weight, Packaging and Quantity Data	O	10		
LOOP ID - 0250					999999	
410	SPO	Shipment Purchase Order Detail	O	1		
610	SE	Transaction Set Trailer	M	1		

Details:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
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Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
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Notes:

1/100 Status and appointment dates and times shall not be transmitted in the G62 segment.

1/210 Loops 0210, 0215 and 0220 shall be used in conjunction with loop 0200 to convey status for small package carrier shipments.

ST

Transaction Set Header

Pos: 010	Max: 1
Heading - Mandatory	
Loop: N/A	Elms: 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>
01	143	Transaction Set Identifier Code Description: Code uniquely identifying a Transaction Set	M	ID	3/3	Used
		<u>Code</u> <u>Description</u> 214 Transportation Carrier Shipment Status Message				
02	329	Transaction Set Control Number Description: 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	Used

Semantics:

The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

B10

Beginning Segment for Transportation Carrier Shipment Status Message

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elms: 5

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>										
01	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										
02	145	Shipment Identification Number 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)	O	AN	1/30	Used										
03	140	Standard Carrier Alpha Code Description: Standard Carrier Alpha Code	M	ID	2/4	Used										
04	71	Inquiry Request Number Description: Identifying number assigned by inquirer	O	N0	1/3	Used										
07	1073	Yes/No Condition or Response Code Description: Code indicating a Yes or No condition or response	O	ID	1/1	Used										
		<table><thead><tr><th><u>Code</u></th><th><u>Description</u></th></tr></thead><tbody><tr><td>N</td><td>No</td></tr><tr><td>U</td><td>Unknown</td></tr><tr><td>W</td><td>Not Applicable</td></tr><tr><td>Y</td><td>Yes</td></tr></tbody></table>	<u>Code</u>	<u>Description</u>	N	No	U	Unknown	W	Not Applicable	Y	Yes				
<u>Code</u>	<u>Description</u>															
N	No															
U	Unknown															
W	Not Applicable															
Y	Yes															

Syntax:

- 01 R0106 -- At least one of 01 or 06 is required.
- 01 E0105 -- Only one of 01 or 05 may be present.
- 05 P0506 -- If either 05 or 06 are present, then the others are required.

Semantics:

B1001 is the carrier assigned reference number.

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:

B1001 is the carrier's PRO (invoice number) that identifies the shipment.

B1003 is required when used in Transaction Set 214.

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

L11

Business Instructions and Reference Number

Pos: 030	Max: 300
Heading - Optional	
Loop: N/A	Elms: 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>				
01	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				
02	128	Reference Identification Qualifier Description: Code qualifying the Reference Identification <table><thead><tr><th><u>Code</u></th><th><u>Description</u></th></tr></thead><tbody><tr><td>CO</td><td>Customer Order Number</td></tr></tbody></table>	<u>Code</u>	<u>Description</u>	CO	Customer Order Number	C	ID	2/3	Used
<u>Code</u>	<u>Description</u>									
CO	Customer Order Number									
03	352	Description Description: A free-form description to clarify the related data elements and their content	C	AN	1/80	Used				

Syntax:

- 01 R0103 -- At least one of 01 or 03 is required.
- 01 P0102 -- If either 01 or 02 are present, then the others are required.

N1

Name

Pos: 050	Max: 1
Heading - Optional	
Loop: 0100	Elms: 4

Purpose:

To identify a party by type of organization, name, and code

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>												
01	98	Entity Identifier Code Description: Code identifying an organizational entity, a physical location, property or an individual <table><thead><tr><th><u>Code</u></th><th><u>Description</u></th></tr></thead><tbody><tr><td>BT</td><td>Bill-to-Party</td></tr><tr><td>CN</td><td>Consignee</td></tr><tr><td>N5</td><td>Party Who Signed the Delivery Receipt</td></tr><tr><td>SH</td><td>Shipper</td></tr></tbody></table>	<u>Code</u>	<u>Description</u>	BT	Bill-to-Party	CN	Consignee	N5	Party Who Signed the Delivery Receipt	SH	Shipper	M	ID	2/3	Used		
<u>Code</u>	<u>Description</u>																	
BT	Bill-to-Party																	
CN	Consignee																	
N5	Party Who Signed the Delivery Receipt																	
SH	Shipper																	
02	93	Name Description: Free-form name	C	AN	1/60	Used												
03	66	Identification Code Qualifier Description: Code designating the system/method of code structure used for Identification Code (67) <table><thead><tr><th><u>Code</u></th><th><u>Description</u></th></tr></thead><tbody><tr><td>91</td><td>Assigned by Seller or Seller's Agent</td></tr><tr><td>92</td><td>Assigned by Buyer or Buyer's Agent</td></tr><tr><td>93</td><td>Code assigned by the organization originating the transaction set</td></tr><tr><td>94</td><td>Code assigned by the organization that is the ultimate destination of the transaction set</td></tr><tr><td>ZZ</td><td>Mutually Defined</td></tr></tbody></table>	<u>Code</u>	<u>Description</u>	91	Assigned by Seller or Seller's Agent	92	Assigned by Buyer or Buyer's Agent	93	Code assigned by the organization originating the transaction set	94	Code assigned by the organization that is the ultimate destination of the transaction set	ZZ	Mutually Defined	C	ID	1/2	Used
<u>Code</u>	<u>Description</u>																	
91	Assigned by Seller or Seller's Agent																	
92	Assigned by Buyer or Buyer's Agent																	
93	Code assigned by the organization originating the transaction set																	
94	Code assigned by the organization that is the ultimate destination of the transaction set																	
ZZ	Mutually Defined																	
04	67	Identification Code Description: Code identifying a party or other code	C	AN	2/80	Used												

Syntax:

- 02 R0203 -- At least one of 02 or 03 is required.
03 P0304 -- If either 03 or 04 are present, then the others are required.

Comments:

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.

N105 and N106 further define the type of entity in N101.

N3

Address Information

Pos: 070	Max: 2
Heading - Optional	
Loop: 0100	Elms: 1

Purpose:

To specify the location of the named party

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>
01	166	Address Information Description: Address information	M	AN	1/55	Used

N4

Geographic Location

Pos: 080	Max: 1
Heading - Optional	
Loop: 0100	Elms: 4

Purpose:

To specify the geographic place of the named party

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>
01	19	City Name Description: Free-form text for city name	O	AN	2/30	Used
02	156	State or Province Code Description: Code (Standard State/Province) as defined by appropriate government agency	O	ID	2/2	Used
03	116	Postal Code Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O	ID	3/15	Used
04	26	Country Code Description: Code identifying the country	O	ID	2/3	Used

Syntax:

06 C0605 -- If 06 is present, then 05 is required

Comments:

A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.

N402 is required only if city name (N401) is in the U.S. or Canada.

G62

Date/Time

Pos: 100	Max: 1
Heading - Optional	
Loop: 0100	Elms: 2

Purpose:

To specify pertinent dates and times

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>														
01	432	Date Qualifier Description: Code specifying type of date <table><thead><tr><th><u>Code</u></th><th><u>Description</u></th></tr></thead><tbody><tr><td>17</td><td>Estimated Delivery Date</td></tr><tr><td>35</td><td>Delivered on This Date</td></tr><tr><td>78</td><td>Delivery Appointment Scheduled Date</td></tr><tr><td>80</td><td>Delivery Requested Scheduled Date</td></tr><tr><td>82</td><td>Delivery Appointment Granted Date</td></tr><tr><td>86</td><td>Actual Pickup Date</td></tr></tbody></table>	<u>Code</u>	<u>Description</u>	17	Estimated Delivery Date	35	Delivered on This Date	78	Delivery Appointment Scheduled Date	80	Delivery Requested Scheduled Date	82	Delivery Appointment Granted Date	86	Actual Pickup Date	C	ID	2/2	Used
<u>Code</u>	<u>Description</u>																			
17	Estimated Delivery Date																			
35	Delivered on This Date																			
78	Delivery Appointment Scheduled Date																			
80	Delivery Requested Scheduled Date																			
82	Delivery Appointment Granted Date																			
86	Actual Pickup Date																			
02	373	Date Description: Date expressed as CCYYMMDD	C	DT	8/8	Used														

Syntax:

- 01 R0103 -- At least one of 01 or 03 is required.
- 01 P0102 -- If either 01 or 02 are present, then the others are required.
- 03 P0304 -- If either 03 or 04 are present, then the others are required.

MS3 Interline Information

Pos: 120	Max: 12
Heading - Optional	
Loop: N/A	Elms: 2

Purpose:

To identify the interline carrier and relevant data

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>
01	140	Standard Carrier Alpha Code Description: Standard Carrier Alpha Code	M	ID	2/4	Used
02	133	Routing Sequence Code Description: Code describing the relationship of a carrier to a specific shipment movement	M	ID	1/2	Used
		<u>Code</u> <u>Description</u>				
		B Origin/Delivery Carrier (Any Mode)				
		O Origin Carrier (Air, Motor, or Ocean)				

Syntax:

05 C0503 -- If 05 is present, then 03 is required

Semantics:

MS301 is the Standard Carrier Alpha Code (SCAC) of the interline carrier.

MS303 is the city where the interline was performed.

LX

Assigned Number

Pos: 130	Max: 1
Heading - Optional	
Loop: 0200	Elms: 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>
01	554	Assigned Number	M	N0	1/6	Used

Description: Number assigned for differentiation within a transaction set

AT7

Shipment Status Details

Pos: 140	Max: 1
Heading - Optional	
Loop: 0205	Elms: 7

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>
01	1650	Shipment Status Code Description: Code indicating the status of a shipment <u>Code</u> <u>Description</u> AF Carrier Departed Pick-up Location with Shipment AG Estimated Delivery AM Loaded on Truck AV Available for Delivery J1 Delivered to Connecting Line L1 Loading P1 Departed Terminal Location S1 Trailer Spotted at Consignee's Location X1 Arrived at Delivery Location X6 En Route to Delivery Location	C	ID	2/2	Used
02	1651	Shipment Status or Appointment Reason Code Description: Code indicating the reason a shipment status or appointment reason was transmitted <u>Code</u> <u>Description</u> A1 Missed Delivery AD Customer Requested Future Delivery AN Holiday - Closed AO Weather or Natural Disaster Related B1 Consignee Closed BG Other BI Cartage Agent BS Refused by Customer BT Returned to Shipper C8 Collect on Delivery Required C9 Cash Not Available From Consignee HB Held Pending Appointment NA Normal Appointment NS Normal Status	C	ID	2/2	Used
03	1652	Shipment Appointment Status Code Description: Code indicating the status of an appointment to pick-up or deliver a shipment <u>Code</u> <u>Description</u> AB Delivery Appointment Date and/or Time AC Estimated Delivery Appointment Date and/or Time ED Deliver No Earlier Than Date and/or Time LD Deliver No Later Than Date and/or Time X9 Delivery Appointment Secured on This Date and/or Time	C	ID	2/2	Used
04	1651	Shipment Status or Appointment Reason Code Description: Code indicating the reason a shipment status or appointment reason was transmitted	C	ID	2/2	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<u>Code</u> <u>Description</u>				
		A1 Missed Delivery				
		AD Customer Requested Future Delivery				
		AN Holiday - Closed				
		AO Weather or Natural Disaster Related				
		B1 Consignee Closed				
		BG Other				
		BI Cartage Agent				
		BS Refused by Customer				
		BT Returned to Shipper				
		C8 Collect on Delivery Required				
		C9 Cash Not Available From Consignee				
		HB Held Pending Appointment				
		NA Normal Appointment				
		NS Normal Status				
05	373	Date	C	DT	8/8	Used
		Description: Date expressed as CCYYMMDD				
06	337	Time	C	TM	4/8	Used
		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)				
07	623	Time Code	O	ID	2/2	Used
		Description: 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				
		<u>Code</u> <u>Description</u>				
		CT Central Time				
		ET Eastern Time				
		LT Local Time				
		MT Mountain Time				
		PT Pacific Time				

Syntax:

- 01 E0103 -- Only one of 01 or 03 may be present.
- 01 P0102 -- If either 01 or 02 are present, then the others are required.
- 03 P0304 -- If either 03 or 04 are present, then the others are required.
- 06 C0605 -- If 06 is present, then 05 is required
- 07 C0706 -- If 07 is present, then 06 is required

Semantics:

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.

If AT707 is not present then AT706 represents local time of the status.

Q7

Lading Exception Code

Pos: 160	Max: 10
Heading - Optional	
Loop: 0200	Elms: 3

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>
01	33	Lading Exception Code Description: Code indicating the condition of the shipment <u>Code</u> <u>Description</u> A All Short D Damaged P Partial Shipment	M	ID	1/1	Used
02	211	Packaging Form Code Description: Code for packaging form of the lading quantity <u>Code</u> <u>Description</u> PCS Pieces	O	ID	3/3	Used
03	80	Lading Quantity Description: Number of units (pieces) of the lading commodity	C	N0	1/7	Used

Syntax:

02 C0203 -- If 02 is present, then 03 is required

AT8

Shipment Weight, Packaging and Quantity Data

Pos: 200	Max: 10
Heading - Optional	
Loop: 0200	Elms: 4

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>				
01	187	Weight Qualifier Description: Code defining the type of weight <table><thead><tr><th><u>Code</u></th><th><u>Description</u></th></tr></thead><tbody><tr><td>G</td><td>Gross Weight</td></tr></tbody></table>	<u>Code</u>	<u>Description</u>	G	Gross Weight	C	ID	1/2	Used
<u>Code</u>	<u>Description</u>									
G	Gross Weight									
02	188	Weight Unit Code Description: Code specifying the weight unit <table><thead><tr><th><u>Code</u></th><th><u>Description</u></th></tr></thead><tbody><tr><td>L</td><td>Pounds</td></tr></tbody></table>	<u>Code</u>	<u>Description</u>	L	Pounds	C	ID	1/1	Used
<u>Code</u>	<u>Description</u>									
L	Pounds									
03	81	Weight Description: Numeric value of weight	C	R	1/10	Used				
04	80	Lading Quantity Description: Number of units (pieces) of the lading commodity	O	N0	1/7	Used				

Syntax:

- 01 P010203 -- If either 01, 02 or 03 are present, then the others are required.
- 06 P0607 -- If either 06 or 07 are present, then the others are required.

Semantics:

AT804 is the quantity of handling units that are not unitized (for example a carton). When added to the quantity in AT805, it is the total quantity of handling units in the shipment.

AT805 is the quantity of handling units that are unitized (for example on a pallet or slip sheet). When added to the quantity in AT804 it is the total quantity of handling units for the shipment.

SPO Shipment Purchase Order Detail

Pos: 410	Max: 1
Heading - Optional	
Loop: 0250	Elms: 8

Purpose:

To specify the purchase order details for a shipment

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>
01	324	Purchase Order Number Description: Identifying number for Purchase Order assigned by the orderer/purchaser	M	AN	1/22	Used
02	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	O	AN	1/30	Used
03	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <u>Code</u> <u>Description</u> CT Carton PC Piece	C	ID	2/2	Used
04	380	Quantity Description: Numeric value of quantity	C	R	1/15	Used
05	188	Weight Unit Code Description: Code specifying the weight unit <u>Code</u> <u>Description</u> L Pounds	C	ID	1/1	Used
06	81	Weight Description: Numeric value of weight	C	R	1/10	Used
07	647	Application Error Condition Code Description: Code indicating application error condition <u>Code</u> <u>Description</u> MB Missing or Invalid Purchase Order Number MDN Missing Department Number MID Missing Identification Code MQT Missing Quantity MWT Missing Weight	O	ID	1/3	Used
08	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	O	AN	1/30	Used

Syntax:

- 03 P0304 -- If either 03 or 04 are present, then the others are required.
- 05 P0506 -- If either 05 or 06 are present, then the others are required.

Semantics:

SPO02 is the department number.

SPO04 is the total quantity for the purchase order.

SPO06 is the total weight for the purchase order.

SPO07 indicates the data error condition relative to the shipment management information.

SPO08 is used to specify sorting and/or segregating reference numbers for each receiving location (processing area).

SE

Transaction Set Trailer

Pos: 610	Max: 1
Heading - Mandatory	
Loop: N/A	Elms: 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>
01	96	Number of Included Segments Description: Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Used
02	329	Transaction Set Control Number Description: 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	Used

Comments:

SE is the last segment of each transaction set.