

Ryder Transportation EDI Electronic Data Interchange

EDI 214

Carrier Shipment Status Message Version 004010

Document: Version: 3.0
Document Date: Nov. 2, 2015



EDI Services

214 Motor Carrier Load Tender Transaction Set – Introduction

Ryder uses the EDI 214 in order to track the shipment from the supplier to final destination. The EDI 214 will contain the status information of the shipment, including all appointments and exceptions.

Functional Acknowledgement

Ryder will respond to the receipt of each EDI 214 Interchange with an EDI 997. The EDI 997 will be sent within 24 hours of the receipt of the EDI 214. Ryder requests that the carrier receive and reconcile all EDI 997's. In the event that a 997 is not received within 24 hours contact the Ryder EDI group to verify that your EDI 214 data has been received and processed.

214 Sample Data**TL**

ISA*00* *00* *02*SCAC *01*006922827HUH1 *080903*1132*U*00401*000010067*0*P*>~
 GS*QM*SCAC*006922827HUH1*20080903*1132*9951*X*004010~
 ST*214*099510001~
 B10*4735103*5365205*SCAC~
 L11*5365205*LO~
 L11*01*QN~
 L11*392651*PO~
 L11*392651*PO~
 N1*SH*HUHTAMAKI FSBU~
 N3*5566 NEW VIENNA ROAD~
 N4*NEW VIENNA*OH*45159*US~
 N1*CN*HUHTAMAKI~
 N3*100 HIGGENSON AVE~
 N4*LINCOLN*RI*02865*US~
 LX*1~
 AT7***AA*NA*20080903*16000000*ET~
 MS1*NEW VIENNA*OH*US~
 AT8*G*L*6240*402~
 EFI*ZZ*NAME~
 SE*17*099510001~

LTL

ISA*00* *00* *02*SCAC *01*006922827USP1 *080903*1132*U*00401*000020832*0*P*>-
 GS*QM*SCAC*006922827USP1*20080903*1132*20832*X*004010-
 ST*214*208320001-
 B10*082269732X*007018135*SCAC*3-
 L11*1000713*PO-
 L11*5335266*LO-
 N1*SH*USPS-
 N3*500 SW GARY ORMSBY DR-
 N4*TOPEKA*KS*66624-
 N1*CN*MAINT STOCKRM-
 N3*7540 E 53RD PL-
 N4*DENVER*CO*802660001-
 LX*1-
 AT7*A9*B2***20080903*1007*MT-
 AT7*AG*B2***20080902*1007*MT-
 AT8*B*L*305*2-
 EFI*ZZ*NAME-
 SE*15*208320001-

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		
M	030	L11	Business Instructions and Reference Number	M	300		
LOOP ID - 0100							10
M	050	N1	Name	M	1		
M	070	N3	Address Information	M	2		
M	080	N4	Geographic Location	M	1		
M	130	LX	Assigned Number	M	1		
M	140	AT7	Shipment Status Details	M	1		
M	143	MS1	Equipment, Shipment, or Real Property Location	M	1		
	146	MS2	Equipment or Container Owner and Type	O	1		
M	200	AT8	Shipment Weight, Packaging and Quantity Data	M	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>	
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set	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. Des. Attributes</u>	<u>Data Element</u>	<u>Name</u>	
M	B1001	127	Reference Identification	M AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Carrier Pro/Invoice Number as sent in the N9 02 on the EDI 990. Sent In The L11 01 With A CN Qualifier In The L11 02 On The EDI 204	
M	B1002	145	Shipment Identification Number	M 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)	
M	B1003	140	Standard Carrier Alpha Code	M ID 2/4
			Standard Carrier Alpha Code	

Segment: **L11 Business Instructions and Reference Number**
Position: 030
Loop:
Level:
Usage: Mandatory
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. Attributes</u>	<u>Data Element</u>	<u>Name</u>	
M	L1101	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
M	L1102	128	Reference Identification Qualifier Code qualifying the Reference Identification	M ID 2/3
			AO Appointment Number Consignee Confirmation Number	
			BM Bill of Lading Number Should be sent in the B10.02	
			LO Load Planning Number Ryder Load Number. Sent in the B2.04 in the EDI 204	
			PO Purchase Order Number Customer PO. Sent in the L11.01 with DJ qualfier in the L11.02 on the EDI 204	
			QN Stop Sequence Number Stop Number, 1 is the Pick-up. Increment each additional stop by 1 thereafter.	
	L1103	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80

Segment: **N1** Name
Position: 050
Loop: 0100 Mandatory
Level:
Usage: Mandatory
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

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	
M	N101	98	Entity Identifier Code	M ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
			CN Consignee	
			SH Shipper	
	N102	93	Name	X AN 1/60
			Free-form name	
	N103	66	Identification Code Qualifier	X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)	
			94 Code assigned by the organization that is the ultimate destination of the transaction set	
	N104	67	Identification Code	X AN 2/80
			Code identifying a party or other code	

Segment: **N3** **Address Information**
Position: 070
Loop: 0100 Mandatory
Level:
Usage: Mandatory
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des. <u>Attributes</u>	Data Element	Name		
M	N301	166	Address Information Address information	M	AN 1/55
	N302	166	Address Information Address information	O	AN 1/55

Segment: **N4 Geographic Location**
Position: 080
Loop: 0100 Mandatory
Level:
Usage: Mandatory
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1 If N406 is present, then N405 is required.
Semantic Notes:
Comments: 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
 2 N402 is required only if city name (N401) is in the U.S. or Canada.

Data Element Summary

<u>Ref. Des. Attributes</u>	<u>Data Element</u>	<u>Name</u>	
N401	19	City Name Free-form text for city name	O AN 2/30
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/15
N404	26	Country Code Code identifying the country	O ID 2/3

Segment: **LX** Assigned Number
Position: 130
Loop: 0200 Mandatory
Level:
Usage: Mandatory
Max Use: 1
Purpose: To reference a line number in a transaction set
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des. <u>Attributes</u>	Data <u>Element</u>	<u>Name</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 Mandatory
Level:
Usage: Mandatory

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>Element</u>	<u>Name</u>	
M	<u>Attributes</u> AT701	1650	Shipment Status Code	M ID 2/2
Code indicating the status of a shipment				
At a minimum the carrier must be able to support the AF (Pick Up) and D1 (Delivered) status codes. If you are unable to support either of these status codes contact Ryder EDI so that you may be implemented on Ryder's web enabled tendering and status update applications.				
The D1 and AF status codes are to be used for the actual event. These two code events are to be used to record the actual event day and time and will be used to update Ryder's tracking site accordingly.				
		A9	Shipment Damaged	
		AF	Carrier Departed Pick-up Location with Shipment	
		AG	Estimated Delivery	
		CD	Carrier Departed Delivery 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	
			X3	Arrived at Pick-up Location	
			X4	Arrived at Terminal Location	
			X5	Arrived at Delivery Location Loading Dock	
			X6	En Route to Delivery Location	
M	AT702	1651	Shipment Status or Appointment Reason Code		M ID 2/2
			Code indicating the reason a shipment status or appointment reason was transmitted		
			A2	Incorrect Address	
			AD	Customer Requested Future Delivery	
			AG	Consignee Related	
			AH	Driver Related	
			AJ	Other Carrier Related	
			AM	Shipper Related	
			AN	Holiday - Closed	
			AO	Weather or Natural Disaster Related	
			AQ	Recipient Unavailable - Delivery Delayed	
			AS	Hold Due to Customs Documentation Problems	
			AX	Insufficient Pick-up Time	
			AY	Missed Pick-up	
			B1	Consignee Closed	
			B2	Trap for Customer	
			B5	Held for Consignee	
			B8	Improper Unloading Facility or Equipment	
			BB	Held per Shipper	
			BD	Border Clearance	
			BF	Carrier Keying Error	
			BH	Insufficient Time to Complete Delivery	
			BM	Flatcar Shortage	
			BP	Load Shifted	
			BQ	Shipment Overweight	
			BS	Refused by Customer	
			C5	Customer Strike	
			D1	Carrier Dispatch Error	
			D2	Driver Not Available	
			HB	Held Pending Appointment	
			NS	Normal Status	
			P4	Held for Full Carrier Load	
			RC	Reconsigned	
			S1	Delivery Shortage	
			T7	Insufficient Delivery Time	

M	AT703	1652	Shipment Appointment Status Code		M ID 2/2
----------	--------------	-------------	---	--	-----------------

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

At a minimum the carrier must be able to support the AB (Delivery Appointment) and AA (Pick Up Appointment) status code. If you are unable to

support this status code contact Ryder EDI so that you may be implemented on Ryder's web enabled tendering and status update applications.

			AA	Pick-up Appointment Date and/or Time Pick Up Appointments Are Expected As Soon As They Are Made	
			AB	Delivery Appointment Date and/or Time Delivery Appointments Are Expected As Soon As They Are Made	
M	AT704	1651	Shipment Status or Appointment Reason Code		M ID 2/2
			Code indicating the reason a shipment status or appointment reason was transmitted		
			NA	Normal Appointment	
M	AT705	373	Date		M DT 8/8
			Date expressed as CCYYMMDD		
M	AT706	337	Time		M 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)		
M	AT707	623	Time Code		M 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		
			AT	Alaska Time	
			CT	Central Time	
			ET	Eastern Time	
			LT	Local Time	
			MT	Mountain Time	
			PT	Pacific Time	

Segment: **MS1** **Equipment, Shipment, or Real Property Location**
Position: 143
Loop: 0205 Mandatory
Level:
Usage: Mandatory
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>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</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		
MS104	1654	Longitude Code		X ID 7/7
		Code indicating the longitude in degrees (3 positions), minutes (2 positions), and seconds (2 positions)		
MS105	1655	Latitude Code		X ID 7/7
		Code indicating the latitude in degrees (3 positions), minutes (2 positions), seconds (2 positions)		
MS106	1280	Direction Identifier Code		O ID 1/1
		Code identifying geographic direction		

Segment: **MS2** **Equipment or Container Owner and Type**
Position: 146
Loop: 0205 Mandatory
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>Element</u>	<u>Name</u>	
<u>MS201</u>	140	Standard Carrier Alpha Code		X ID 2/4
		Standard Carrier Alpha Code		
MS202	207	Equipment Number		X AN 1/10
		Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)		
MS203	40	Equipment Description Code		O ID 2/2
		Code identifying type of equipment used for shipment		
MS204	761	Equipment Number Check Digit		O N0 1/1
		Number which designates the check digit applied to a piece of equipment		

Segment: **AT8** **Shipment Weight, Packaging and Quantity Data**
Position: 200
Loop: 0200 Mandatory
Level:
Usage: Mandatory
Max Use: 10
Purpose: To specify shipment details in terms of weight, and quantity of handling units
Syntax Notes: 1 If any of AT801 AT802 or AT803 is present, then all are required.
 2 If either AT806 or AT807 is present, then the other is required.
Semantic Notes: 1 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.
 2 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.
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	
M	<u>Attributes</u> AT801	187	Weight Qualifier Code defining the type of weight A Consolidated Weight A1 Dimensional Weight B Billed Weight F Deficit Weight G Gross Weight	M ID 1/2
M	AT802	188	Weight Unit Code Code specifying the weight unit K Kilograms L Pounds	M ID 1/1
M	AT803	81	Weight Numeric value of weight	M R 1/10
M	AT804	80	Lading Quantity Number of units (pieces) of the lading commodity	M N0 1/7
	AT806	184	Volume Unit Qualifier Code identifying the volume unit E Cubic Feet	O ID 1/1
	AT807	183	Volume Value of volumetric measure	O R 1/8

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. Attributes</u>	<u>Data 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