



# **C.H. ROBINSON**

## **214 Dray Intermodal Transportation Carrier Shipment Status Message**

**X12/V4010/214: 214 Transportation Carrier Shipment Status Message**

**Version: 1.2 Final**

<b>Author:</b>	<b>Carrier Connectivity EDI</b>
<b>Modified:</b>	<b>11/25/2020</b>
<b>Notes:</b>	<b>Added new status codes for AT7 and new examples</b>

# Table of Contents

<b>214</b>	<b>Transportation Carrier Shipment Status Message</b>	<b>1</b>
ISA	Interchange Control Header	5
GS	Functional Group Header	7
ST	Transaction Set Header	9
<b>B10</b>	<b>Beginning Segment for Transportation Carrier Shipment Status Message</b>	<b>10</b>
L11	Business Instructions and Reference Number - CHR Load Number	11
L11	Business Instructions and Reference Number - SI Nnumber	12
<b>0100</b>	<b>Loop Name</b>	<b>13</b>
N1	Name	14
N3	Address Information	15
N4	Geographic Location	16
<b>0200</b>	<b>Loop Assigned Number</b>	<b>17</b>
LX	Assigned Number	18
<b>0205</b>	<b>Loop Shipment Status Details</b>	<b>19</b>
AT7	Shipment Status Details	20
MS1	Equipment, Shipment, or Real Property Location	26
MS2	Equipment or Container Owner and Type	27
L11	Business Instructions and Reference Number	28
SE	Transaction Set Trailer	29
GE	Functional Group Trailer	30
IEA	Interchange Control Trailer	31

# 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.

**Not Defined:**

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use
010	ST	Transaction Set Header	M	1			Used
020	B10	Beginning Segment for Transportation Carrier Shipment Status Message	M	1			Must use
030	L11	Business Instructions and Reference Number - CHR Load Number	M	1			Must use
030	L11	Business Instructions and Reference Number - SI Nnumber	M	1			Must use
<b>LOOP ID - 0100</b>					<b><u>10</u></b>		
050	N1	Name	M	1			Used
070	N3	Address Information	M	2			Used
080	N4	Geographic Location	M	1			Used
<b>LOOP ID - 0200</b>					<b><u>1</u></b>		
130	LX	Assigned Number	M	1			Must use
<b>LOOP ID - 0205</b>					<b><u>1</u></b>		
140	AT7	Shipment Status Details	M	1			Must use
143	MS1	Equipment, Shipment, or Real Property Location	M	1			Must use
146	MS2	Equipment or Container Owner and Type	O	1			Used
150	L11	Business Instructions and Reference Number	O	1			Used
610	SE	Transaction Set Trailer	M	1			Used
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

**User Note 1:**

1. Load Types

*This EDI 214 Load Status Message implementation guide pertains to IMDL Dray Shipments from IMDL Dray Carriers only.*

2. Functional Acknowledgments.

*By Default, C.H. Robinson sends 997's. Please notify C.H. Robinson if you do not wish to receive 997 functional acknowledgements for the 214's.*

### 3. Errors

*C.H. Robinson will not be responsible for correcting data sent to us. C.H. Robinson will send 997 functional acknowledgements, indicating the EDI syntax acceptance status of the received 214.*

### 4. C.H. Robinson Inbound 214 Structure

*- A 214 load status report to C.H. Robinson can report a status(s) for one and only one location. Example, three 214's would be required to report a status(s) for each stop of a 3-stop load.*

*- A single 214 may contain 1 LX Loop with a Maximum of 1 AT7 Loops.*

### 5. Inbound 214 Load Status Events

*- Pickup or Delivery Event - Actual Dates and Times applicable to a pickup or delivery location of a shipment.*

**Export - Pick up (IPU/OIPU)**- Picking up freight from customer location (door to terminal or ramp)

X3 - Arrived at Pickup Location

AF - Departed Pickup Location

I1 - In Gate

**Import - Delivery (IDL)** -Delivering freight to the consignee (terminal or ramp to door)

X4 - Arrived at Terminal Location

OA - Out Gate

X1 - Arrival at Destination for Unloading (Live Unload)

D1 - Completed Delivery - (Live Unload)

S1 - Drop Trailer - Arrival At Destination

CD - Carrier Departed with Empty Trailer (Drop Trailer)

CL- Empty Returned Container returned to ramp/terminal

*- Dispatched Truck Event - This is the actual date and time of a truck at a specified location en route to the initial pickup.*

P1 - Location at Time of Dispatch

*- Check Call Event 'In Transit' - This is the actual date and time of a truck at a specified location en route to a pickup or a delivery. This location will not be a pickup or a delivery location.*

X6- En Route to Location

### 6. Timing

- At a minimum, CHR requires carrier to send one 214 every 4 hours. There are no maximums.

- C.H. Robinson needs to receive 214 status updates within one hour of the event occurrence.

#### 7. Envelope IDs

- Testing: - Production:

ISA Qualifier = 02 ISA Qualifier = 02

ISA ID = RBINTEST ISA ID = RBIN

GS ID = RBINTEST GS ID = RBIN

#### 8. Sample:

214 generated from a load received via a 204 from C.H. Robinson:

ST\*214\*0001

B10\*12345\*300008171\*ASBI

L11\*300008171\*AG

L11\*IPU\*SI

LX\*1

AT7\*X3\*NS\*\*\*20050615\*0845\*LT

MS1\*CHICAGO\*IL\*USA

MS2\*ASBI\*cmmm235116

L11\*0\*FSN

SE\*10\*0001

214 from a manually entered load: (L11 with FSN qualifer will not be present, still need the L11 with SI qualifer for move type)

ST\*214\*010114096

B10\*000002208455\*296374577\*SCAC

L11\*296374577\*AG

L11\*OIPU\*SI

LX\*1

AT7\*X3\*NS\*\*\*20190725\*2030\*LT

MS1\*CHATTANOOGA\*TN\*US

MS2\*SCAC\*GESU116269\*CN\*6

AT8\*G\*L\*38388

SE\*11\*010114096

\*\* NOTE \*\*

*The following segments are required on ALL 214's, Received via EDI or Manually (FAX)*

*- L11 'AG' is the C.H .Robinson load number.*

*- L11 'SI' is the C.H. Robinson Move Type.*

*· IPU/OIPU = Pickup Order*

*· IDL/OIDL = Delivery Order*

*The FSN number is NOT on the fax so you will not be able to send it on the 214 for manual loads. C.H. Robinson is aware we will not get the FSN number for loads not tendered to the carrier via EDI.*

# ISA Interchange Control Header

<b>Pos:</b>	<b>Max: 1</b>
<b>Not Defined - Mandatory</b>	
<b>Loop: N/A</b>	<b>Elements: 16</b>

**User Option (Usage):** Must use

**Purpose:** To start and identify an interchange of zero or more functional groups and interchange-related control 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>
ISA01	I01	<b>Authorization Information Qualifier</b>	M	ID	2/2	Must use
<b>Description:</b> Code to identify the type of information in the Authorization Information <b>All valid standard codes are used. (Total Codes: 7)</b>						
ISA02	I02	<b>Authorization Information</b>	M	AN	10/10	Must use
<b>Description:</b> Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)						
ISA03	I03	<b>Security Information Qualifier</b>	M	ID	2/2	Must use
<b>Description:</b> Code to identify the type of information in the Security Information <b>All valid standard codes are used. (Total Codes: 2)</b>						
ISA04	I04	<b>Security Information</b>	M	AN	10/10	Must use
<b>Description:</b> This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)						
ISA05	I05	<b>Interchange ID Qualifier</b>	M	ID	2/2	Must use
<b>Description:</b> Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified <b>All valid standard codes are used. (Total Codes: 38)</b>						
ISA06	I06	<b>Interchange Sender ID</b>	M	AN	15/15	Must use
<b>Description:</b> Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element						
ISA07	I05	<b>Interchange ID Qualifier</b>	M	ID	2/2	Must use
<b>Description:</b> Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified <b>CodeList Summary (Total Codes: 38, Included: 1)</b> <b>Code Name</b> 02 SCAC (Standard Carrier Alpha Code)						
ISA08	I07	<b>Interchange Receiver ID</b>	M	AN	15/15	Must use
<b>Description:</b> Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them						

**User Note 1:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<i>Test = RBINTEST</i> <i>Production = RBIN</i>				
ISA09	I08	<b>Interchange Date</b>	M	DT	6/6	Must use
		<b>Description:</b> Date of the interchange				
ISA10	I09	<b>Interchange Time</b>	M	TM	4/4	Must use
		<b>Description:</b> Time of the interchange				
ISA11	I10	<b>Interchange Control Standards Identifier</b>	M	ID	1/1	Must use
		<b>Description:</b> Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer				
		<b>All valid standard codes are used. (Total Codes: 1)</b>				
ISA12	I11	<b>Interchange Control Version Number</b>	M	ID	5/5	Must use
		<b>Description:</b> Code specifying the version number of the interchange control segments				
		<b>CodeList Summary</b> (Total Codes: 14, Included: 3)				
		<b>Code Name</b>				
		00400 Standard Issued as ANSI X12.5-1997				
		00401 Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997				
		00402 Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1998				
ISA13	I12	<b>Interchange Control Number</b>	M	N0	9/9	Must use
		<b>Description:</b> A control number assigned by the interchange sender				
ISA14	I13	<b>Acknowledgment Requested</b>	M	ID	1/1	Must use
		<b>Description:</b> Code sent by the sender to request an interchange acknowledgment (TA1)				
		<b>All valid standard codes are used. (Total Codes: 2)</b>				
ISA15	I14	<b>Usage Indicator</b>	M	ID	1/1	Must use
		<b>Description:</b> Code to indicate whether data enclosed by this interchange envelope is test, production or information				
		<b>All valid standard codes are used. (Total Codes: 3)</b>				
ISA16	I15	<b>Component Element Separator</b>	M		1/1	Must use
		<b>Description:</b> Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator				



# GS Functional Group Header

<b>Pos:</b>	<b>Max: 1</b>
<b>Not Defined - Mandatory</b>	
<b>Loop: N/A</b>	<b>Elements: 8</b>

**User Option (Usage):** Must use

**Purpose:** To indicate the beginning of a functional group and to provide control 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>
GS01	479	<b>Functional Identifier Code</b>	M	ID	2/2	Must use

**Description:** Code identifying a group of application related transaction sets

**CodeList Summary** (Total Codes: 240, Included: 1)

**Code Name**

QM Transportation Carrier Shipment Status Message (214)

GS02	142	<b>Application Sender's Code</b>	M	AN	2/15	Must use
------	-----	----------------------------------	---	----	------	----------

**Description:** Code identifying party sending transmission; codes agreed to by trading partners

GS03	124	<b>Application Receiver's Code</b>	M	AN	2/15	Must use
------	-----	------------------------------------	---	----	------	----------

**Description:** Code identifying party receiving transmission; codes agreed to by trading partners

**User Note 1:**

*Test = RBINTEST*

*Production = RBIN*

GS04	373	<b>Date</b>	M	DT	8/8	Must use
------	-----	-------------	---	----	-----	----------

**Description:** Date expressed as CCYYMMDD

GS05	337	<b>Time</b>	M	TM	4/8	Must use
------	-----	-------------	---	----	-----	----------

**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)

GS06	28	<b>Group Control Number</b>	M	N0	1/9	Must use
------	----	-----------------------------	---	----	-----	----------

**Description:** Assigned number originated and maintained by the sender

GS07	455	<b>Responsible Agency Code</b>	M	ID	1/2	Must use
------	-----	--------------------------------	---	----	-----	----------

**Description:** Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480

**All valid standard codes are used. (Total Codes: 2)**

GS08	480	<b>Version / Release / Industry Identifier Code</b>	M	AN	1/12	Must use
------	-----	---	---	----	------	----------

**Description:** Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T,

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		then other formats are allowed				
		<b>CodeList Summary</b> (Total Codes: 39, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		004010		Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997		

**Semantics:**

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

**Comments:**

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

# ST Transaction Set Header

Pos: 010	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

**User Option (Usage):** Used

**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>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Used

**Description:** Code uniquely identifying a Transaction Set

**CodeList Summary** (Total Codes: 298, Included: 1)

**Code Name**

214 Transportation Carrier Shipment Status Message

ST02	329	Transaction Set Control Number	M	AN	4/9	Used
------	-----	--------------------------------	---	----	-----	------

**Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

# B10 Beginning Segment for Transportation Carrier Shipment Status Message

Pos: 020	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 3

**User Option (Usage):** Must use

**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>
B1001	127	Reference Identification	M	AN	1/30	Must use

**Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

**User Note 1:** *Carrier Assigned Pro Number*

B1002	145	Shipment Identification Number	O	AN	1/30	Must use
-------	-----	--------------------------------	---	----	------	----------

**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)

**User Note 1:** *CH Robinson Load Number*

B1003	140	Standard Carrier Alpha Code	M	ID	2/4	Must use
-------	-----	-----------------------------	---	----	-----	----------

**Description:** Standard Carrier Alpha Code

**User Note 1:** *Carrier's SCAC*

## Syntax Rules:

1. E0105 - Only one of B1001 or B1005 may be present.
2. P0506 - If either B1005 or B1006 is present, then the other is required.
3. R0106 - At least one of B1001 or B1006 is required.

# L11 Business Instructions and Reference Number - CHR Load Number

Pos: 030	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

**User Option (Usage):** Must use

**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>
L1101	127	Reference Identification	M	AN	1/30	Must use

**Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

**User Note 1:** *CH Robinson Load Number - AG Qualifier*

L1102	128	Reference Identification Qualifier	M	ID	2/3	Must use
-------	-----	------------------------------------	---	----	-----	----------

**Description:** Code qualifying the Reference Identification

**CodeList Summary** (Total Codes: 1503, Included: 1)

**Code Name**

AG Agent's Shipment Number

## Syntax Rules:

1. P0102 - If either L1101 or L1102 is present, then the other is required.
2. R0103 - At least one of L1101 or L1103 is required.

## User Note 1:

*L11 with the AG qualifier is the C.H. Robinson Load Number.*

*It is MANDATORY to send the AG Qualifier on all 214s.*

# L11 Business Instructions and Reference Number - SI Number

Pos: 030	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

**User Option (Usage):** Must use

**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>
L1101	127	Reference Identification	M	AN	1/30	Must use

**Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

**User Note 1:** *IMDL Move Type / Desc (IPU / IDL) - SI Qualifer*

L1102	128	Reference Identification Qualifier	M	ID	2/3	Must use
-------	-----	------------------------------------	---	----	-----	----------

**Description:** Code qualifying the Reference Identification

**CodeList Summary** (Total Codes: 1503, Included: 1)

**Code Name**

SI Shipper's Identifying Number for Shipment (SID)

## Syntax Rules:

1. P0102 - If either L1101 or L1102 is present, then the other is required.
2. R0103 - At least one of L1101 or L1103 is required.

## User Note 1:

*It is MANDATORY to send the AG Qualifier on all 214s.  
 L11 with the SI qualifier is the C.H. Robinson Move Type.  
 OIPU = International Export  
 OIDL = International Import  
 IPU = Delivering freight to the consignee (terminal or ramp to door)  
 IDL = Picking up freight from customer location (door to terminal or ramp)  
 Return the IMDL Move Type/Desc sent on the 204 load Tender with an SI Qualifier. (IPU /OIPU  
 IDL/OIDL)*

# Loop Name

Pos: 050	Repeat: 10
Optional	
Loop: 0100	Elements: N/A

**User Option (Usage):** Used

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

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
050	N1	Name	M	1		Used
070	N3	Address Information	M	2		Used
080	N4	Geographic Location	M	1		Used

# N1 Name

<b>Pos: 050</b>	<b>Max: 1</b>
<b>Not Defined - Mandatory</b>	
<b>Loop: 0100</b>	<b>Elements: 4</b>

**User Option (Usage):** Used

**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>
N101	98	<b>Entity Identifier Code</b>	M	ID	2/3	Used

**Description:** Code identifying an organizational entity, a physical location, property or an individual

**CodeList Summary** (Total Codes: 1312, Included: 2)

**Code Name**

CN Consignee

SH Shipper

N102	93	<b>Name</b>	M	AN	1/30	Used
------	----	-------------	---	----	------	------

**Description:** Free-form name

N103	66	<b>Identification Code Qualifier</b>	X	ID	1/2	Used
------	----	--------------------------------------	---	----	-----	------

**Description:** Code designating the system/method of code structure used for Identification Code (67)

**All valid standard codes are used. (Total Codes: 215)**

N104	67	<b>Identification Code</b>	X	AN	2/80	Used
------	----	----------------------------	---	----	------	------

**Description:** Code identifying a party or other code

## Syntax Rules:

1. P0304 - If either N103 or N104 is present, then the other is required.
2. R0203 - At least one of N102 or N103 is required.



# N3 Address Information

Pos: 070                      Max: 2  
 Not Defined - Mandatory  
 Loop: 0100                  Elements: 2

**User Option (Usage):** Used

**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>
N301	166	<b>Address Information</b>	M	AN	1/30	Used
		<b>Description:</b> Address information				
N302	166	<b>Address Information</b>	O	AN	1/30	Used
		<b>Description:</b> Address information				

# N4 Geographic Location

Pos: 080	Max: 1
Not Defined - Mandatory	
Loop: 0100	Elements: 3

**User Option (Usage):** Used

**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>
N401	19	<b>City Name</b>	M	AN	2/30	Used
		<b>Description:</b> Free-form text for city name				
N402	156	<b>State or Province Code</b>	M	ID	2/2	Used
		<b>Description:</b> Code (Standard State/Province) as defined by appropriate government agency				
N403	116	<b>Postal Code</b>	M	ID	3/15	Used
		<b>Description:</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				

## Syntax Rules:

1. C0605 - If N406 is present, then N405 is required.

# Loop Assigned Number

Pos: 130 Repeat: 1  
 Mandatory  
 Loop: 0200 Elements: N/A

**User Option (Usage):** Must use

**Purpose:** To reference a line number in a transaction set

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
130	LX	Assigned Number	M	1		Must use
140		Loop 0205	M		1	Must use
150	L11	Business Instructions and Reference Number	O	1		Used

# LX Assigned Number

Pos: 130	Max: 1
Not Defined - Mandatory	
Loop: 0200	Elements: 1

**User Option (Usage):** Must use

**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>
LX01	554	Assigned Number	M	N0	1/6	Must use

**Description:** Number assigned for differentiation within a transaction set

## User Note 1:

*Maximum of 1 LX Loop.*

## Loop Shipment Status Details

Pos: 140	Repeat: 1
Mandatory	
Loop: 0205	Elements: N/A

**User Option (Usage):** Must use

**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.

### Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
140	AT7	Shipment Status Details	M	1		Must use
143	MS1	Equipment, Shipment, or Real Property Location	M	1		Must use
146	MS2	Equipment or Container Owner and Type	O	1		Used

### User Note 1:

*Maximum 1 AT7 loop.*

# AT7 Shipment Status Details

Pos: 140	Max: 1
Not Defined - Mandatory	
Loop: 0205	Elements: 7

**User Option (Usage):** Must use

**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>
AT701	1650	Shipment Status Code	X	ID	2/2	Used

**Description:** Code indicating the status of a shipment

**User Note 1:** Status Codes Associated to a Pick Up Order (IPU/OIPU):

Picking up freight from customer location (door to terminal or ramp)

X3 - Arrive at shipper

AF - Depart Shipper

I1 - Ingate / Arrive at Ramp

X6 - In Transit

Status Codes Associated to a Delivery Order (IDL/OIDL):

Delivering freight to the consignee (terminal or ramp to door)

X4 - Arrived at Terminal/Ramp

OA - Outgate Departed Ramp/Terminal

X1 - Arrive at Consignee / Delivery

D1 - Delivery Complete

S1 - Drop Trailer

CD - Empty Outgate Drop Trailer

CL - Empty Return

X6 - In Transit

CHR wants to receive 'In Transit' (X6) 214s every 4 hours.

*Examples*

ST\*214\*0001

B10\*530723\*296709956\*SCAC

L11\*296709956\*AG

L11\*OIDL\*SI

LX\*1

AT7\*D1\*NS\*\*\*20190801\*1155\*LT

MS1\*BLOOMINGTON\*MN\*USA

MS2\*SCAC\*TLLU236377\*\*9

L11\*5\*FSN

SE\*10\*0001

*Empty Return Example*

To relay Empty Container Return Date for either OIPU or OIDL, send AT7 status of CL

AND L11 with GY qualifier, MUST be sent together to correctly trigger correct event info.

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		ST*214*0001				
		B10*530723*296709956*SCAC				
		L11*296709956*AG				
		L11*OIDL*SI				
		LX*1				
		AT7*CL*NS***20190801*1233*LT				
		MS1*MINNEAPOLIS*MN*USA				
		MS2*SCAC*TLLU236377**9				
		L11*5*FSN~				
		L11*20190801*GY~				
		SE*11*0001				

**CodeList Summary** (Total Codes: 42, Included: 10)

**Code Name**

- AF Carrier Departed Pick-up Location with Shipment
- CD Carrier Departed Delivery Location
- CL Trailer Closed Out
- D1 Completed Unloading at Delivery Location
- I1 In-Gate
- OA Out-Gate
- S1 Trailer Spotted at Consignee's Location
- X1 Arrived at Delivery Location
- X3 Arrived at Pick-up Location
- X4 Arrived at Terminal Location

AT702	1651	<b>Shipment Status or Appointment Reason Code</b>	X	ID	2/2	Used
-------	------	---	---	----	-----	------

**Description:** Code indicating the reason a shipment status or appointment reason was transmitted

**User Note 1:** NS - Normal Status or see Late Reason Code List

**CodeList Summary** (Total Codes: 86, Included: 67)

**Code Name**

- 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

<b><u>Code</u></b>	<b><u>Name</u></b>
AN	Holiday - Closed
AO	Weather or Natural Disaster Related
AR	Improper International Paperwork
AS	Hold Due to Customs Documentation Problems
AT	Unable to Contact Recipient for Broker Information
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
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
BG	Other
BI	Cartage Agent
BK	Prearranged Appointment
BL	Held for Protective Service
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
CB	No Requested Arrival Date Provided by Shipper
CC	No Requested Arrival Time Provided by Shipper
D1	Carrier Dispatch Error
D2	Driver Not Available
NS	Normal Status
P1	Processing Delay
P2	Waiting Inspection
P3	Production Falldown
P4	Held for Full Carrier Load
RC	Reconsigned
S1	Delivery Shortage
T2	Tractor, Conventional, Not Available
T3	Trailer not Available



**Code Name**

T4 Trailer Not Usable Due to Prior Product  
 T5 Trailer Class Not Available  
 T6 Trailer Volume Not Available  
 T7 Insufficient Delivery Time

AT703 1652 **Shipment Appointment Status Code** X ID 2/2 Used

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

**CodeList Summary** (Total Codes: 9, Included: 2)

**Code Name**

AA Pick-up Appointment Date and/or Time  
 AB Delivery Appointment Date and/or Time

AT704 1651 **Shipment Status or Appointment Reason Code** X ID 2/2 Used

**Description:** Code indicating the reason a shipment status or appointment reason was transmitted

**User Note 1:** NA - Normal Appointment or see Late Reason Code List

**CodeList Summary** (Total Codes: 86, Included: 85)

**Code Name**

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

<b><u>Code</u></b>	<b><u>Name</u></b>
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
P1	Processing Delay
P2	Waiting Inspection

**Code Name**

- 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 **Status Date** M DT 8/8 Must use

**Description:** Date expressed as CCYYMMDD

AT706 337 **Status Time** M TM 4/8 Must use

**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)

**User Note 1:** *HHMM*

AT707 623 **Time Code** M ID 2/2 Must use

**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

**User Note 1:**

*Date and Time are expressed as local time. **DO NOT** adjust for time zones.*

**CodeList Summary** (Total Codes: 51, Included: 1)

**Code Name**

- LT Local Time

**Syntax Rules:**

1. C0605 - If AT706 is present, then AT705 is required.
2. C0706 - If AT707 is present, then AT706 is required.
3. E0103 - Only one of AT701 or AT703 may be present.
4. P0102 - If either AT701 or AT702 is present, then the other is required.
5. P0304 - If either AT703 or AT704 is present, then the other is required.

# MS1 Equipment, Shipment, or Real Property Location

Pos: 143	Max: 1
Not Defined - Mandatory	
Loop: 0205	Elements: 3

**User Option (Usage):** Must use

**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

## 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>
MS101	19	City Name	M	AN	2/30	Must use
<b>Description:</b> Free-form text for city name						
<b>User Note 1:</b> <i>Event Location City</i>						
MS102	156	State or Province Code	M	ID	2/2	Must use
<b>Description:</b> Code (Standard State/Province) as defined by appropriate government agency						
<b>User Note 1:</b> <i>Event Location State</i>						
MS103	26	Country Code	X	ID	2/3	Used
<b>Description:</b> Code identifying the country						
<b>User Note 1:</b> <i>Event Location Country</i>						

## Syntax Rules:

1. C0201 - If MS102 is present, then MS101 is required.
2. C0301 - If MS103 is present, then MS101 is required.
3. C0604 - If MS106 is present, then MS104 is required.
4. C0705 - If MS107 is present, then MS105 is required.
5. E0104 - Only one of MS101 or MS104 may be present.
6. P0405 - If either MS104 or MS105 is present, then the other is required.
7. L010203 - If MS101 is present, then at least one of MS102 or MS103 is required.

## User Note 1:

*MS1 is Mandatory on ALL statuses.*

# MS2 Equipment or Container Owner and Type

Pos: 146	Max: 1
Not Defined - Optional	
Loop: 0205	Elements: 2

**User Option (Usage):** Used

**Purpose:** To specify the owner, the identification number assigned by that owner, and the type of equipment

## 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>
MS201	140	Standard Carrier Alpha Code	X	ID	2/4	Used

**Description:** Standard Carrier Alpha Code

**User Note 1:** *Carrier's SCAC Code*

MS202	207	Equipment Number	X	AN	1/10	Used
-------	-----	------------------	---	----	------	------

**Description:** Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)

**User Note 1:** *Trailer Number - 10 Digits. 4 Alpha & 6 Numeric*

## Syntax Rules:

1. C0402 - If MS204 is present, then MS202 is required.
2. P0102 - If either MS201 or MS202 is present, then the other is required.

## User Note 1:

*MS2 - Equipment Number*

*MS2-01 = Carrier SCAC*

*MS2-02 = Complete 10 Digit Equipment Number*

*If you do not have the equipment number, do not send the MS2 Segment*

# L11 Business Instructions and Reference Number

Pos: 150	Max: 1
Not Defined - Optional	
Loop: 0200	Elements: 2

**User Option (Usage):** Used

**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>
L1101	127	Reference Identification	X	AN	1/30	Must use

**Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

**User Note 1:** *IMDL Move Sequence Number. Sent on the EDI 204 Load Tender. Required if 204 Load Tender received via EDI.*

L1102	128	Reference Identification Qualifier	X	ID	2/3	Must use
-------	-----	------------------------------------	---	----	-----	----------

**Description:** Code qualifying the Reference Identification

**User Note 1:** *FSN - Int'l IMDL Move Sequence Number. This value is sent on the EDI 204 Load Tender and is required for Intl IMDL Dray Carriers on the 214 if the load tender was received via EDI.*

*If load is manually entered in your system (not received via EDI) then the L11 FSN should NOT be sent back on the 214. For EDI Load Tenders only!*

*GY - Empty Repositioning Number. This value is sent when sending the empty container return dates and must be used in conjunction with the AT7/01 as 'CL' (Trailer Closed Out status) or will not correctly trigger the event update.*

**CodeList Summary** (Total Codes: 1503, Included: 2)

**Code Name**

GY Empty Repositioning Number  
 FSN Assigned Sequence Number

## Syntax Rules:

1. P0102 - If either L1101 or L1102 is present, then the other is required.
2. R0103 - At least one of L1101 or L1103 is required.

## User Note 1:

*FSN - IMDL Sequence Number. Required for IMDL DRAY Carriers if 204 Load Tender was received via EDI.*

*If you are manually entering the load in your system (not received via EDI) then the L11 FSN should NOT be send back on the 214. For EDI Tender loads only!*

# SE Transaction Set Trailer

Pos: 610	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

**User Option (Usage):** Used

**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>
SE01	96	<b>Number of Included Segments</b>	M	N0	1/10	Used
		<b>Description:</b> Total number of segments included in a transaction set including ST and SE segments				
SE02	329	<b>Transaction Set Control Number</b>	M	AN	4/9	Used
		<b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

# GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

**User Option (Usage):** Must use

**Purpose:** To indicate the end of a functional group and to provide control 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>
GE01	97	<b>Number of Transaction Sets Included</b>	M	N0	1/6	Must use
		<b>Description:</b> Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element				
GE02	28	<b>Group Control Number</b>	M	N0	1/9	Must use
		<b>Description:</b> Assigned number originated and maintained by the sender				

## Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

## Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.



# IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

**User Option (Usage):** Must use

**Purpose:** To define the end of an interchange of zero or more functional groups and interchange-related control 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>
IEA01	I16	<b>Number of Included Functional Groups</b>	M	N0	1/5	Must use
		<b>Description:</b> A count of the number of functional groups included in an interchange				
IEA02	I12	<b>Interchange Control Number</b>	M	N0	9/9	Must use
		<b>Description:</b> A control number assigned by the interchange sender				