214 Transportation Carrier Shipment Status Message

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

Version: 1.3 Final

Author:	**Jacob Oliver**
Company:	**C.H. Robinson**
Publication:	**8/16/2007**
Modified:	**5/30/2017**
Notes:	**Updated verbiage in regards to frequency of 214 check calls.**
	Added MAN segment so carriers can report temperature on their shipments.

Table of Contents

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:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	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
035	MAN	Marks and Numbers	O	1		C0/035	Used
LOOP ID - 0100					**10**		
050	N1	Name	M	1			Used
070	N3	Address Information	M	2			Used
080	N4	Geographic Location	M	1			Used
LOOP ID - 0200					**1**		
130	LX	Assigned Number	M	1			Must use
LOOP ID - 0205					**1**		
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
150	L11	Business Instructions and Reference Number	O	2			Recommended
150	L11	Business Instructions and Reference Number	O	2			Recommended
610	SE	Transaction Set Trailer	M	1			Used
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Comments:

0/035   This is required if you are shipping a temperature controlled load for C.H. Robinson or when C.H.

Robinson is the Shippers Agent for a customer.

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.

X3 - Arrived at Pickup Location
AF - Departed Pickup Location
X1 - Arrived at Delivery Location
D1 - Completed Delivery
OA - Out Gate (IDL Move ONLY)
I1 - In Gate (IPU Move ONLY)

6. Timing

- C.H. Robinson would like to recieve In-Transit updates every 15 minutes

- C.H. Robinson needs to receive 214 status updates as close to the actual event as possible. Ideally within 15 minutes of the event.

7. Envelope ID's

- Testing:

ISA Qualifier = 02
ISA ID = RBINTEST
GS ID = RBINTEST

- Production:

ISA Qualifier = 02

ISA ID = RBIN
GS ID = RBIN

8. Sample:

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

ST*214*0001
B10*12345*9555116*ASBI
L11*9555116*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*0001
B10*12345*9555116*ASBI
L11*9555116*AG
L11*IPU*SI
LX*1
AT7*X3*NS***20050615*0845*LT
MS1*CHICAGO*IL*USA
MS2*ASBI*cmmc235116
SE*9*0001

** 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 = Pickup Order*
> *· IDL = 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

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

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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier**	M	ID	2/2	Must use

Description: Code to identify the type of information in the Authorization Information
All valid standard codes are used. (Total Codes: 7)

ISA02	I02	**Authorization Information**	M	AN	10/10	Must use

Description: 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	**Security Information Qualifier**	M	ID	2/2	Must use

Description: Code to identify the type of information in the Security Information
All valid standard codes are used. (Total Codes: 2)

ISA04	I04	**Security Information**	M	AN	10/10	Must use

Description: 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	**Interchange ID Qualifier**	M	ID	2/2	Must use

Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified
All valid standard codes are used. (Total Codes: 38)

ISA06	I06	**Interchange Sender ID**	M	AN	15/15	Must use

Description: 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	**Interchange ID Qualifier**	M	ID	2/2	Must use

Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified

CodeList Summary (Total Codes: 38, Included: 1)

Code	Name
02	SCAC (Standard Carrier Alpha Code)

ISA08	I07	**Interchange Receiver ID**	M	AN	15/15	Must use

Description: 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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Test = RBINTEST				
		Production = RBIN				
ISA09	I08	**Interchange Date**	M	DT	6/6	Must use

Description: Date of the interchange

ISA10	I09	**Interchange Time**	M	TM	4/4	Must use

Description: Time of the interchange

ISA11	I10	**Interchange Control Standards Identifier**	M	ID	1/1	Must use

Description: Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer
All valid standard codes are used. (Total Codes: 1)

ISA12	I11	**Interchange Control Version Number**	M	ID	5/5	Must use

Description: Code specifying the version number of the interchange control segments

CodeList Summary (Total Codes: 14, Included: 3)

Code	Name
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	**Interchange Control Number**	M	N0	9/9	Must use

Description: A control number assigned by the interchange sender

ISA14	I13	**Acknowledgment Requested**	M	ID	1/1	Must use

Description: Code sent by the sender to request an interchange acknowledgment (TA1)
All valid standard codes are used. (Total Codes: 2)

ISA15	I14	**Usage Indicator**	M	ID	1/1	Must use

Description: Code to indicate whether data enclosed by this interchange envelope is test, production or information
All valid standard codes are used. (Total Codes: 3)

ISA16	I15	**Component Element Separator**	M		1/1	Must use

Description: 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

Pos:	**Max: 1**
Not Defined - Mandatory	
Loop: N/A	**Elements: 8**

User Option (Usage): Must use

Purpose: To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code**	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)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS02	142	**Application Sender's Code**	M	AN	2/15	Must use

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS03	124	**Application Receiver's Code**	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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS04	373	**Date**	M	DT	8/8	Must use

Description: Date expressed as CCYYMMDD

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS05	337	**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)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS06	28	**Group Control Number**	M	N0	1/9	Must use

Description: Assigned number originated and maintained by the sender

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS07	455	**Responsible Agency Code**	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)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS08	480	**Version / Release / Industry Identifier Code**	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,

Ref	**Id**	**Element Name**	**Req**	**Type**	**Min/Max**	**Usage**
		then other formats are allowed				

CodeList Summary (Total Codes: 39, Included: 1)

Code	**Name**
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

<table>
<tr><td>Pos: 010</td><td>Max: 1</td></tr>
<tr><td colspan="2">Not Defined - Mandatory</td></tr>
<tr><td>Loop: N/A</td><td>Elements: 2</td></tr>
</table>

User Option (Usage): Used

Purpose: To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

User Option (Usage): Must use

Purpose: To transmit identifying numbers and other basic data relating to the transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
B1002	145	**Shipment Identification Number**	O	AN	1/30	Used

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*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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.

EVERY 214 must have the C.H. Robinson Load Number.

L11 Business Instructions and Reference Number - SI Nnumber

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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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:

MANDATORY

L11 with the SI qualifier is the C.H. Robinson Move Type.

Return the IMDL Move Type/Desc sent on the 204 load Tender with an SI Qualifier. (IPU / IDL)

MAN Marks and Numbers

<div style="border:1px solid">

Pos: 035   **Max: 1**

Not Defined - Optional

Loop: N/A   **Elements: 3**

</div>

User Option (Usage): Used

Purpose: To indicate identifying marks and numbers for shipping containers

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MAN01	88	**Marks and Numbers Qualifier**	M	ID	1/2	Must use

Description: Code specifying the application or source of Marks and Numbers (87)

CodeList Summary (Total Codes: 20, Included: 1)

Code	Name
ZZ	Mutually Defined

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MAN02	87	**Marks and Numbers**	M	AN	1/48	Must use

Description: Marks and numbers used to identify a shipment or parts of a shipment

User Note 1: *Please send the recorded temperture at time of stop here*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MAN03	87	**Marks and Numbers**	O	AN	1/48	Must use

Description: Marks and numbers used to identify a shipment or parts of a shipment

User Note 1:
If temperature is in fahrenheit please denote with "F".
If temperature is in celsius please denote with "C".

Syntax Rules:

1. C0605 - If MAN06 is present, then MAN05 is required.
2. P0405 - If either MAN04 or MAN05 is present, then the other is required.

User Note 1:

The MAN segment will be used for FSMA and Temp controlled shipments. Please send the recorded temperature value at each stop.

Example: MAN*ZZ*24.9*F

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:

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

N1 **Name**

<div style="border:1px solid;">

Pos: 050   **Max: 1**

Not Defined - Mandatory

Loop: 0100   **Elements: 4**

</div>

User Option (Usage): Used

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N102	93	**Name**	M	AN	1/30	Used

    Description: Free-form name

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N103	66	**Identification Code Qualifier**	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)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N104	67	**Identification Code**	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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information**	M	AN	1/30	Used
		Description: Address information				
N302	166	**Address Information**	O	AN	1/30	Used
		Description: Address information				

N4 Geographic Location

<div style="border:1px solid black">

Pos: 080   **Max: 1**

Not Defined - Mandatory

Loop: 0100   **Elements: 3**

</div>

User Option (Usage): Used

Purpose: To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name**	M	AN	2/30	Used

Description: Free-form text for city name

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N402	156	**State or Province Code**	M	ID	2/2	Used

Description: Code (Standard State/Province) as defined by appropriate government agency

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N403	116	**Postal Code**	M	ID	3/15	Used

Description: 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

<table>
<tr><td>Pos: 130</td><td>Repeat: 1</td></tr>
<tr><td colspan="2">Mandatory</td></tr>
<tr><td colspan="2">Loop: 0200 Elements: N/A</td></tr>
</table>

User Option (Usage): Must use

Purpose: To reference a line number in a transaction set

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
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
150	L11	Business Instructions and Reference Number	O	2		Recommended
150	L11	Business Instructions and Reference Number	O	2		Recommended

LX Assigned Number

<div style="border:1px solid black">

Pos: 130   **Max: 1**

Not Defined - Mandatory

Loop: 0200   **Elements: 1**

</div>

User Option (Usage): Must use

Purpose: To reference a line number in a transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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.

If using the L11 segments to send Lat/Long, you do not need to use both formats. Please choose only one.

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:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
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

<table>
<tr><td>Pos: 140</td><td>Max: 1</td></tr>
<tr><td colspan="2">Not Defined - Mandatory</td></tr>
<tr><td>Loop: 0205</td><td>Elements: 7</td></tr>
</table>

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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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):*

X3 - Arrive at shipper
AF - Depart Shipper
I1 - Ingate / Arrive at Ramp

Status Codes Associated to a Delivery Order (IDL):

OA - Outgate - Departed Ramp
X1 - Arrive at Consignee / Delivery
D1 - Delivery Complete

- C.H. Robinson would ideally like to receive the event updates within 15 minutes of the event occurring.

- C.H. Robinson wants to recieve In-Transit updates every 15 minutes in the form of an X6 status code.

CodeList Summary (Total Codes: 42, Included: 7)

Code	Name
AF	Carrier Departed Pick-up Location with Shipment
CD	Carrier Departed Delivery Location
D1	Completed Unloading at Delivery Location
I1	In-Gate
OA	Out-Gate
X1	Arrived at Delivery Location
X3	Arrived at Pick-up Location

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AT702	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: *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

Code	Name
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
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

Code Name

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

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

Code **Name**

Code	Name
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

Code Name

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

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

<table>
<tr><td>Pos: 143</td><td>Max: 1</td></tr>
<tr><td colspan="2">Not Defined - Mandatory</td></tr>
<tr><td>Loop: 0205</td><td>Elements: 3</td></tr>
</table>

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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MS101	19	**City Name**	M	AN	2/30	Must use

Description: Free-form text for city name

User Note 1: *Event Location City*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MS102	156	**State or Province Code**	M	ID	2/2	Must use

Description: Code (Standard State/Province) as defined by appropriate government agency

User Note 1: *Event Location State*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MS103	26	**Country Code**	X	ID	2/3	Used

Description: Code identifying the country

User Note 1: *Event Location Country*

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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MS201	140	**Standard Carrier Alpha Code**	X	ID	2/4	Used

Description: Standard Carrier Alpha Code

User Note 1: *Carrier's SCAC Code*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
L1101	127	**Reference Identification**	X	AN	1/30	Used

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.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
L1102	128	**Reference Identification Qualifier**	X	ID	2/3	Used

Description: Code qualifying the Reference Identification

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

Code Name

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!

L11 Business Instructions and Reference Number

Pos: 150	**Max: 2**
Not Defined - Optional	
Loop: 0200	**Elements: 3**

User Option (Usage): Recommended

Purpose: To specify instructions in this business relationship or a reference number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
L1102	128	**Reference Identification Qualifier**	X	ID	2/3	Must use

Description: Code qualifying the Reference Identification

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

Code	Name
LK	Longitude expressed in Degrees, Minutes and Seconds
LQ	Latitude Expressed in Degrees, Minutes and Seconds

Ref	Id	Element Name	Req	Type	Min/Max	Usage
L1103	352	**Description**	X	AN	1/80	Used

Description: A free-form description to clarify the related data elements and their content

User Note 1: *When L11/02 is "LK" . Please define East/West using "E" or "W". When L11/02 is "LQ". Please define North/South using "N" or "S".*

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:

Sending Lat/Long does not replace the requirement for sending city/state in the MS1.

Example LX loop with Lat/Long sent as Degrees, Minutes, Seconds:
LX*1
AT7*X6*NS***20170530*2210*LT
MS1*TEMPE*AZ*US
MS2*ETLZ*530123
L11*2*QN
L11*332531*LK*N
L11*1115624*LQ*W

L11 Business Instructions and Reference Number

<div>

Pos: 150   **Max: 2**

Not Defined - Optional

Loop: 0200   Elements: 2

</div>

User Option (Usage): Recommended

Purpose: To specify instructions in this business relationship or a reference number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
L1102	128	**Reference Identification Qualifier**	X	ID	2/3	Must use

Description: Code qualifying the Reference Identification

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

Code	Name
LH	Longitude Expressed in Seconds
LL	Latitude Expressed in Seconds

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:

Sending Lat/Long does not replace the requirement for sending city/state in the MS1.

Example LX loop with Lat/Long sent as decimal:
LX*1
AT7*X6*NS***20170530*2210*LT
MS1*TEMPE*AZ*US
MS2*ETLZ*530123
L11*2*QN
L11*33.4255*LL
L11*-111.9400*LH

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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments**	M	N0	1/10	Used

Description: Total number of segments included in a transaction set including ST and SE segments

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE02	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

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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included**	M	N0	1/6	Must use

Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE02	28	**Group Control Number**	M	N0	1/9	Must use

Description: 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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups**	M	N0	1/5	Must use

Description: A count of the number of functional groups included in an interchange

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA02	I12	**Interchange Control Number**	M	N0	9/9	Must use

Description: A control number assigned by the interchange sender