

EDI X12 214

Transportation Carrier Shipment Status Message

Version: V4010
Author: Integration (One Network)

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Revision History

Revision	Date	Prepared By	Comments
1.0	Jan 2022	Integration Team	Initial Version
1.1	Dec 2023	Integration Team	MAN Segment added.
1.2	April 2024	Integration Team	Updated MAN,AT7,B10

214 Transportation Carrier Shipment Status Message

Functional Group=QM

Purpose: This Draft Standard 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. This is used by carriers to support a full load.(TL)

EDI 214 Segments:

Not Defined:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
	ISA	Interchange Control Header	M	1		Must use
	GS	Functional Group Header	M	1		Must use

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0100	ST	Transaction Set Header	M	1		Must Use
0200	B10	Beginning Segment for Transportation Carrier Shipment Status Message	M	1		Must Use
0300	L11	Business Instructions and Reference Number	O	300		Optional
0350	MAN	Marks And Number	O	9999		Optional

<u>Loop ID - 10000 LX</u>	<u>O</u>	<u>999999</u>
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1300	LX	Assigned Number	O	1		Must Use
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<u>Loop ID - 11000 AT7</u>	<u>O</u>	<u>10</u>	<u>-</u>
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1400	AT7	Shipment Status Details	M	1		Optional
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1430	MS1	Equipment or Container Owner and Type	O	1		Optional
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1460	MS2	Equipment or Container Owner and Type	O	1		Optional
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1500	L11	Business Instructions and Reference Number	O	10		Optional
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1700	K1	Special Instruction	O	10		Optional
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2000	AT8	Shipment Weight, Packaging and Quantity Data	O	10		Optional
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6100	SE	Transaction Set Trailer	M	1		Must Use
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Not Defined:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
	GE	Functional Group Trailer	M	1		Must use
	IEA	Interchange Control Trailer	M	1		Must use

ISA	Interchange Control Header	Mandatory	Max: 1
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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	Element Description	Req	Type	Min/Max	Usage				
ISA01	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.								
ISA02	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	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.								
ISA04	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	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.								
ISA06	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	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 Code List Summary								
	<table border="1"> <thead> <tr> <th>Code</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>02</td> <td>SCAC (Standard Carrier Alpha Code)</td> </tr> </tbody> </table>					Code	Name	02	SCAC (Standard Carrier Alpha Code)
Code	Name								
02	SCAC (Standard Carrier Alpha Code)								
ISA08	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								
ISA09	Interchange Date	M	DT	6/6	Must use				
	Description: Date of the interchange								

ISA10	Interchange Time	M	TM	4/4	Must use
	Description: Time of the interchange				
ISA11	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.				
ISA12	Interchange Control Version Number	M	ID	5/5	Must use
	Description: Code specifying the version number of the interchange control segments				
ISA13	Interchange Control Number	M	N0	9/9	Must use
	Description: A control number assigned by the interchange sender				
ISA14	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.				
ISA15	Usage Indicator	M	ID	1/1	Optional
	Description: Code to indicate whether data enclosed by this interchange envelope is test, production or information All valid standard codes are used.				
ISA16	Component Element Separator	M		1/1	Optional
	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				

Example:

ISA*00* *00* *02*CARA *ZZ*ONENETWORK *180525*0659*U*00401*000071412*0*T*>

GS	Functional Group Header	Mandatory	Max: 1
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User Option (Usage): Must use

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

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: 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.

Element Summary:

Ref	Element Description	Req	Type	Min/Max	Usage				
GS01	Functional Identifier Code	M	ID	2/2	Must use				
	Description: Code identifying a group of application related transaction sets Code List Summary <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">Code</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>QM</td> <td>Transportation Carrier Shipment Status Message (214)</td> </tr> </tbody> </table>					Code	Name	QM	Transportation Carrier Shipment Status Message (214)
Code	Name								
QM	Transportation Carrier Shipment Status Message (214)								
GS02	Application Sender's Code	M	AN	2/15	Must use				
	Description: Code identifying party sending transmission; codes agreed to by trading partners								
GS03	Application Receiver's Code	M	AN	2/15	Must use				
	Description: Code identifying party receiving transmission; codes agreed to by trading partners								
GS04	Date	M	DT	8/8	Must use				
	Description: Date expressed as CCYYMMDD								
GS05	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)								
GS06	Group Control Number	M	N0	1/9	Must use				
	Description: Assigned number originated and maintained by the sender								
GS07	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.								
GS08	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, then other formats are allowed								

Example: GS*QM*CARA*ONENETWORK*20180525*065913*71413*X*004010

ST**Transaction Set Header****Mandatory****Max: 1**

User Option (Usage): Must use

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

Element Summary:

Ref	Element Description	Req	Type	Min/Max	Usage				
ST01	Transaction Set Identifier Code	M	ID	3/3	Must use				
	Description: Code uniquely identifying a Transaction Set Code List Summary								
	<table border="1"> <thead> <tr> <th>Code</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>214</td> <td>Transportation Carrier Shipment Status Message</td> </tr> </tbody> </table>					Code	Name	214	Transportation Carrier Shipment Status Message
Code	Name								
214	Transportation Carrier Shipment Status Message								
ST02	Transaction Set Control Number	M	AN	4/9	Must use				
	Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set								

Example:

ST*214*0001

B10	Beginning Segment for Transportation Carrier Shipment Status Message	Mandatory	Max: 1
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User Option (Usage): Must Use

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

Element Summary:

Ref	Element Description	Req	Type	Min/Max	Usage						
B1001	Reference Identification	C	AN	1/30	Must use						
	Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier. It should contain customer reference key used to identify Enterprise and Organization										
B1002	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										
B1003	Standard Carrier Alpha Code	M	ID	2/4	Must use						
	Description: Standard Carrier Alpha Code										
B1004	Inquiry Request Number	O	N0	1/3	Must use						
	Description: Code identifying whether it is a shipment or a movement.										
	<table border="1"> <thead> <tr> <th>Code</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Shipment</td> </tr> <tr> <td>Any</td> <td>Movement</td> </tr> </tbody> </table>					Code	Name	2	Shipment	Any	Movement
Code	Name										
2	Shipment										
Any	Movement										

Example:

B10* CUSTA*MPHSM1M2BDO120180524*CARA

L11	Business Instructions and Reference Number	Optional	Max: 10
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User Option (Usage): Must use

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

Note: The L11 segment is required for every delivery on the Shipment. Only one L11 should be sent per LX loop. If multiple deliveries exist for one shipment, warehouse should send one LX loop with corresponding AT7 loop for each delivery.

Element Summary:

Ref	Element Description	Req	Type	Min/Max	Usage
L1101	Reference Identification	X	AN	1/50	Must use
	Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
L1102	Reference Identification Qualifier	X	ID	2/3	Used
	Description: Code qualifying the Reference Identification				
	Code List Summary				
	Code	Name			
	CN	Carrier Pro Number			
	WY	House Waybill Number			
	MB	Master Bill of Lading			
	AF	Airlines Flight Identification Number			
	AAO	Carrier Assigned Code			
	EQ	Equipment Number			
	SN	Seal Number			
	BR	Broker Reference Number			
	6B	U.S Customs Entry Number			
	BN	Booking Number			
	BM	Bill Of Lading Number			

Example:

L11*2861745*CN

Loop 1300 Loop Assigned Number Mandatory Repeat 999999

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>
1300	LX	Assigned Number	O	1		Must use
1400	AT7	Shipment Status Details	O	1		Must use
1430	MS1	Equipment, Shipment, or Real Property Location	O	1		Must use
1460	MS2	Equipment or Container Owner and Type	O	1		Must Use
1400	L11	Business Instructions and Reference Number	O	10		Must use
1800	AT8	Shipment Weight, Packaging and Quantity Data	O	10		Must Use

LX Assigned Number Optional Max: 1

User Option (Usage): Must use

Purpose: To reference a line number in a transaction set

Element Summary:

<u>Ref</u>	<u>Element Description</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LX01	Assigned Number	M	N0	1/6	Must use
	Description: Number assigned for differentiation within a transaction set				

Example:

LX*1

AT7 Shipment Status Details**Optional****Max: 10**

User Option (Usage): Used

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	Element Description	Req	Type	Min/Max	Usage																																																										
AT701	Shipment Status Code	X	ID	2/2	Used																																																										
	Description: Code indicating the status of a shipment Code List Summary <table border="1"> <thead> <tr> <th>Code</th> <th>Name</th> </tr> </thead> <tbody> <tr><td>A3</td><td>Returned</td></tr> <tr><td>A7</td><td>Refused by Consignee</td></tr> <tr><td>AF</td><td>Picked Up</td></tr> <tr><td>AH</td><td>Attempted Delivery</td></tr> <tr><td>AM</td><td>Loaded</td></tr> <tr><td>AP</td><td>Delivery Not Completed</td></tr> <tr><td>AV</td><td>Available for Delivery</td></tr> <tr><td>AX</td><td>Split Cargo</td></tr> <tr><td>C1</td><td>Equipment Booked</td></tr> <tr><td>CB</td><td>Delivered</td></tr> <tr><td>CO</td><td>Confirmed On board</td></tr> <tr><td>CP</td><td>Ready for Pickup</td></tr> <tr><td>D1</td><td>Unloaded</td></tr> <tr><td>DR</td><td>Documents Received</td></tr> <tr><td>DV</td><td>Documents Verified</td></tr> <tr><td>I1</td><td>In-Gate</td></tr> <tr><td>K1</td><td>Arrived at Customs</td></tr> <tr><td>L1</td><td>Loading</td></tr> <tr><td>OA</td><td>Out-Gate</td></tr> <tr><td>P1</td><td>Departed</td></tr> <tr><td>PR</td><td>Customs Hold</td></tr> <tr><td>S1</td><td>Trailer Spotted</td></tr> <tr><td>SD</td><td>Delayed</td></tr> <tr><td>X1</td><td>Arrived at Delivery location</td></tr> <tr><td>X2</td><td>ETA</td></tr> <tr><td>X3</td><td>Arrived at Pickup location</td></tr> <tr><td>ZZ</td><td>Customs Cleared</td></tr> <tr><td>X6</td><td>Enroute</td></tr> </tbody> </table>					Code	Name	A3	Returned	A7	Refused by Consignee	AF	Picked Up	AH	Attempted Delivery	AM	Loaded	AP	Delivery Not Completed	AV	Available for Delivery	AX	Split Cargo	C1	Equipment Booked	CB	Delivered	CO	Confirmed On board	CP	Ready for Pickup	D1	Unloaded	DR	Documents Received	DV	Documents Verified	I1	In-Gate	K1	Arrived at Customs	L1	Loading	OA	Out-Gate	P1	Departed	PR	Customs Hold	S1	Trailer Spotted	SD	Delayed	X1	Arrived at Delivery location	X2	ETA	X3	Arrived at Pickup location	ZZ	Customs Cleared	X6	Enroute
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CP	Ready for Pickup																																																														
D1	Unloaded																																																														
DR	Documents Received																																																														
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I1	In-Gate																																																														
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X3	Arrived at Pickup location																																																														
ZZ	Customs Cleared																																																														
X6	Enroute																																																														
AT702	Shipment Status or Appointment Reason Code	O	ID	2/2	Used																																																										
	Description: Code indicating the reason a shipment status or appointment reason was transmitted																																																														
AT703	Shipment Appointment Status Code	O	NO	1/7	Used																																																										
	Description: Code indicating the status of an appointment to pick-up or deliver a shipment Code List Summary <table border="1"> <thead> <tr> <th>Code</th> <th>Name</th> </tr> </thead> <tbody> <tr><td>AA</td><td>Pick-up Appointment Date and/or Time</td></tr> <tr><td>AB</td><td>Delivery Appointment Date and/or Time</td></tr> </tbody> </table>					Code	Name	AA	Pick-up Appointment Date and/or Time	AB	Delivery Appointment Date and/or Time																																																				
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AA	Pick-up Appointment Date and/or Time																																																														
AB	Delivery Appointment Date and/or Time																																																														
AT704	Shipment Status or Appointment Reason Code	X	ID	2/2	Not Used																																																										
	Description: Code indicating the reason a shipment status or appointment reason was transmitted																																																														

AT705	Date	X	DT	8/8	Used																										
	Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year																														
AT706	Time	X	TM	4/8	Used																										
	Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)																														
AT707	Time Code	X	ID	2/2	Used																										
	<p>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</p> <p>Code List Summary</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>AS</td> <td>Alaska Time (AKST)</td> </tr> <tr> <td>CS</td> <td>Central Time (CST)</td> </tr> <tr> <td>ES</td> <td>Eastern Time (EST)</td> </tr> <tr> <td>MS</td> <td>Mountain Time (MST)</td> </tr> <tr> <td>PS</td> <td>Pacific Time (PST)</td> </tr> <tr> <td>TS</td> <td>Atlantic Time (AST)</td> </tr> <tr> <td>AD</td> <td>Alaska Daylight Time (AKDT)</td> </tr> <tr> <td>CD</td> <td>Central Daylight Time (CDT)</td> </tr> <tr> <td>ED</td> <td>Eastern Daylight Time (EDT)</td> </tr> <tr> <td>MD</td> <td>Mountain Daylight Time (MDT)</td> </tr> <tr> <td>PD</td> <td>Pacific Daylight Time (PDT)</td> </tr> <tr> <td>TD</td> <td>Atlantic Daylight Time (ADT)</td> </tr> </tbody> </table>					Code	Name	AS	Alaska Time (AKST)	CS	Central Time (CST)	ES	Eastern Time (EST)	MS	Mountain Time (MST)	PS	Pacific Time (PST)	TS	Atlantic Time (AST)	AD	Alaska Daylight Time (AKDT)	CD	Central Daylight Time (CDT)	ED	Eastern Daylight Time (EDT)	MD	Mountain Daylight Time (MDT)	PD	Pacific Daylight Time (PDT)	TD	Atlantic Daylight Time (ADT)
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PD	Pacific Daylight Time (PDT)																														
TD	Atlantic Daylight Time (ADT)																														

Example:

AT7*X6*NS***20180525*0652*CS

MS1	Equipment, Shipment, or Real Property Location	Optional	Max: 1
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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

X6 event can be sent starting from every 15 mins.
For X6 event Long/Lat is required for GPS tracking.

Element Summary:

Ref	Element Description	Req	Type	Min/Max	Usage
MS101	City Name	X	AN	2/30	Must use
	Description: Free-form text for city name Event Location City				
MS102	State or Province Code	X	ID	2/2	Must use
	Description: Code (Standard State/Province) as defined by appropriate government agency Event Location State				
MS103	Country Code	X	ID	2/3	Used
	Description: Code identifying the country Event Location Country				
MS104	Longitude Code	X	ID	7/7	Must use
	Description: Longitude should be always 7 characters/numbers in length. Value should be between -180 to 180.				
MS105	Latitude Code	X	ID	7/7	Must use
	Description: Latitude should be always 7 characters/numbers in length.should be in between -90 to 90.				

Example:

MS1****-93.122*37.1189*W*N

When you are sending Long/Lat i.e., MS104, MS105 please don't send MS101,102,103
e.g., MS1****-84.287*33.6131

If you cannot send Long/Lat then you can send City/State. Please see below:

AT7*X6****20220318*140629*CS

MS1*RENTON*WA*US

Note: we need to map X6 to Enroute instead of Update Current position for this scenario

MS2	Equipment or Container Owner and Type	Optional	Max: 1
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User Option (Usage): Used

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

Element Summary:

Ref	Element Description	Req	Type	Min/Max	Usage
MS201	Standard Carrier Alpha Code	X	ID	2/4	Not Used
	Description: Standard Carrier Alpha Code				
MS202	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) Equipment Number (Trailer or Rail Car Number				

Example:

MS2*CARA*T41327

L11	Business Instructions and Reference Number	Optional	Max: 10
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User Option (Usage): Must use

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

Note: The L11 segment is required for every delivery on the Shipment. Only one L11 should be sent per LX loop. If multiple deliveries exist for one shipment, warehouse should send one LX loop with corresponding AT7 loop for each delivery.

Element Summary:

Ref	Element Description	Req	Type	Min/Max	Usage
L1101	Reference Identification	X	AN	1/50	Must use
	Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
L1102	Reference Identification Qualifier	X	ID	2/3	Used
	Description: Code qualifying the Reference Identification				
	Code List Summary				
	Code	Name			
	CN	Carrier Pro Number			
	WY	House Waybill Number			
	MB	Master Bill of Lading			
	AF	Airlines Flight Identification Number			
	AAO	Carrier Assigned Code			
	EQ	Equipment Number			
	SN	Seal Number			
	BR	Broker Reference Number			
	6B	U.S Customs Entry Number			
	BN	Booking Number			
	BM	Bill Of Lading Number			

Example:

L11*654321*BN

MAN Marks And Number

Optional

Repeat 9999

User Option (Usage): Optional

Purpose: Marks And Number

Note: If multiple Zones are not available then first temperature will be considered for entire trailer else repeat the Segment for each Zone. Up to 3 Zone temperatures will be supported.

Element Summary:

Ref	Element Description	Req	Type	Min/Max	Usage
MAN01	Marks and Numbers Qualifier	X	ID	1/2	Must use
	ZZ - Mutually Defined				
MAN02	Marks and Numbers	X	AN	1/48	Must use
	Temperature degree (numeric only)				
MAN03	Marks and Numbers Qualifier	X	AN	1/48	Must use
	Code	Name			
	C	Celsius			
	F	Fahrenheit			

Example:

MAN*ZZ*33*C*ZZ*Zone1

K1 Remarks

Optional

Max: 1

User Option (Usage): Used

Purpose: To send remarks

Element Summary:

Ref	Element Description	Req	Type	Min/Max	Usage
K101	Free-form information	M	AN	1/30	Must use
	Any messages related to Event				

Example:

K1*eventMessage

AT8	Shipment Weight, Packaging and Quantity Data	Optional	Max: 10
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User Option (Usage): Used

Purpose: To specify shipment details in terms of weight, and quantity of handling units

Element Summary:

Ref	Element Description	Req	Type	Min/Max	Usage
AT801	Weight Qualifier	x	ID	1/2	Used
	G - Gross Weight				
AT802	Weight Unit Code	X	ID	1/1	Used
	Description: Code specifying the weight unit All valid standard codes are used				
AT803	Weight	X	R	1/10	Used
	Description: Numeric value of weight				
AT804	Lading Quantity	O	N0	1/7	Used
	Description: Number of units (pieces) of the lading commodity				
AT805	Lading Quantity	O	N0	1/7	Used
	Description: Number of units (pieces) of the lading commodity				
AT806	Volume Unit Qualifier	X	ID	1/1	Used
	Description: Code specifying the volume unit				
AT807	Value of volumetric measure	X	R	1/8	Used
	Description: Numeric value of volume				

Example:

AT8*G*L*10000*20**E*97152

SE	Transaction Set Trailer	Mandatory	Max: 1
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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	Element Description	Req	Type	Min/Max	Usage
SE01	Number of Included Segments	M	N0	1/10	Used
	Count of segments included (does not include Header and Footer segments)				
SE02	Transaction Set Control Number	M	AN	4/9	Used
	Same as Transaction Set Control Number as in ST segment				

Example:

SE*9*0001

GE	Functional Group Trailer	Mandatory	Max: 1
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User Option (Usage): Must Use

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

Element Summary:

Ref	Element Description	Req	Type	Min/Max	Usage
GE01	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				
GE02	Group Control Number	M	N0	1/9	Must Use
	Description: Assigned number originated and maintained by the sender. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.				

Example:

GE*1*71413

IEA	Interchange Control Trailer	Mandatory	Max: 1
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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	Element Description	Req	Type	Min/Max	Usage
IEA01	Number of Included Functional Groups	M	N0	1/5	Must Use
	Description: A count of the number of functional groups included in an interchange				
IEA02	Interchange Control Number	M	N0	9/9	Must Use
	Description: A control number assigned by the interchange sender				

Example:

IEA*1*000071412

Sample EDI 214:

ISA*00* *00* *02*CARA *ZZ*ONENETWORK *180525*0659*U*00401*000071412*0*T*>

GS*QM*CARA*ONENETWORK*20180525*065913*71413*X*004010

ST*214*0001

B10* CUSTA*MPHSM1M2BDO120180524*CARA

L11*2861745*CN

MAN*ZZ*33*C*ZZ*Zone1

LX*1

AT7*X6*NS***20180525*0652*CS

MS1***-93.122*37.1189*W*N

MS2*CARA*T41327

AT8*L*L*021801*000058

SE*10*0001

GE*1*71413

IEA*1*000071412