



X12 - 214 v004010
Transportation Carrier
Shipment Status Message

INBOUND

Version: 3.0 Final

Company:

Insight Direct USA, Inc.

Modified:

7/20/2023

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.

Heading:

<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>
010	ST	Transaction Set Header	M	1			Must Use
020	B10	Beginning Segment for Transportation Carrier Shipment Status Message	M	1			Must Use
030	L11	Business Instructions and Reference Number	O	1			Used
<u>LOOP ID - 0100</u>					<u>3</u>		
050	N1	Name	M	>1			Must Use
070	N3	Address Information	M	1			Must Use
080	N4	Geographic Location	M	1			Must Use
<u>LOOP ID - 0200</u>					<u>999999</u>		
130	LX	Assigned Number	M	1			Must Use
<u>LOOP ID - 0205</u>					<u>10</u>		
140	AT7	Shipment Status Details	M	1			Must Use
143	MS1	Equipment, Shipment, or Real Property Location	M	1			Must Use
170	K1	Remarks	O	1			Used
610	SE	Transaction Set Trailer	M	1			Must Use

ST Transaction Set Header

Pos: 010	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must Use

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	Must Use
		Description: Code uniquely identifying a Transaction Set All valid standard codes are used. (Total Codes: 298)				
ST02	329	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				

B10 Beginning Segment for Transportation Carrier Shipment Status Message

Pos: 020 Max: 1

Heading - 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				
B1002	145	Shipment Identification Number	M	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)				
B1003	140	Standard Carrier Alpha Code	M	ID	2/4	Must Use
		Description: Standard Carrier Alpha Code				

Insight Note:

The B10:01 element denotes the tracking number. It MUST match the tracking number from the 856 document.

Example:

B10*0826701472*S00953505*PMNI

L11 Business Instructions and Reference Number

Pos: 030	Max: 1
Heading - Optional	
Loop: N/A	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	M	AN	1/30	Must Use
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
L1102	128	Reference Identification Qualifier	M	ID	2/3	Must Use
		Description: Code qualifying the Reference Identification				
		Code List Summary (Total Codes: 1503, Included: 1)				
		<u>Code</u>	<u>Name</u>			
		CR	Customer Reference Number			

Insight Note:

L11 segment is mandatory for vendor or manufacturers only

Example:

*L11*90330305596*CR*

N1 Name

Pos: 050	Max: >1
Heading - Mandatory	
Loop: 0100	Elements: 2

User Option (Usage): Must Use

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	Entity Identifier Code	M	ID	2/3	Must Use

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

Code List Summary (Total Codes: 1312, Included: 3)

Code Name

N5	Party Who Signed the Delivery Receipt
SF	Ship From
ST	Ship To

N102	93	Name	M	AN	1/60	Must Use
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Description: Free-form name

Insight Note:

The N5 partner is mandatory when the package has been delivered. Please provide the name of the person who signed for the package. The N2, N3, and N4 segments are not required when using the N5 partner.

The SF and ST partners do require the N2, N3 and N4 segments.

Example:

*N1*SF*INSIGHT DIRECT
N1*ST*PEPSI COMPANY
N5*DEREK SMITH*

N3 Address Information

Pos: 070	Max: 1
Heading - Mandatory	
Loop: 0100	Elements: 2

User Option (Usage): Must Use

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	Address Information	M	AN	1/55	Must Use
		Description: Address information				
N302	166	Address Information	O	AN	1/55	Used
		Description: Address information				

Example:

*N3*66 ADAMS ST*FIRST BLD*

N4 Geographic Location

Pos: 080	Max: 1
Heading - Mandatory	
Loop: 0100	Elements: 4

User Option (Usage): Must Use

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	City Name	M	AN	2/30	Must Use
		Description: Free-form text for city name				
N402	156	State or Province Code	M	ID	2/2	Must Use
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	Postal Code	M	ID	3/15	Must Use
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	Country Code	M	ID	2/3	Must Use
		Description: Code identifying the country				

Example:

*N4*SAGINAW*MI*48604-9432*US*

LX Assigned Number

Pos: 130	Max: 1
Heading - 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	NO	1/6	Must Use

Description: Number assigned for differentiation within a transaction set

Example:

LX*1

AT7 Shipment Status Details

Pos: 140	Max: 1
Heading - Mandatory	
Loop: 0205	Elements: 5

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	M	ID	2/2	Must Use

Description: Code indicating the status of a shipment

Code List Summary (Total Codes: 46, Included: 15)

Code Name

AF Carrier Departed Pick-up Location with Shipment
 AG Estimated Delivery
 AJ Out for Delivery - Tendered for Delivery(Truck)
 AP Delivery Not Completed
 C1 Booked - Estimated to Depart Terminal Location
 D1 Delivered
 FN Freight Received with No Documents
 FR Freight Received with Documents
 P1 Confirmed OnBoard First Leg - Departed Terminal Location
 P2 Confirmed OnBoard Second Leg
 TR Transit
 X2 Carrier Delivery Apt - Estimated Date of Arrival at Consignee's Location
 X4 Arrived at Terminal Location
 X6 Requested DeliveryDate - En Route to Delivery Location
 X8 Arrived at Pick-up Location Loading Dock

AT702	1651	Shipment Status or Appointment Reason Code	M	ID	2/2	Must Use
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Description: Code indicating the reason a shipment status or appointment reason was transmitted

Code List Summary (Total Codes: 86, Included: 1)

Code Name

NS Normal Status

AT705	373	Date	M	DT	8/8	Must Use
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Description: Date expressed as CCYYMMDD

Insight Note: *Delivery Date*

AT706	337	Time	M	TM	4/8	Must Use
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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)

Insight Note: *Delivery Time*

AT707	623	Time Code	M	ID	2/2	Must Use
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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

Code List Summary (Total Codes: 51, Included: 1)

Code Name

LT Local Time

Example:

MS1 Equipment, Shipment, or Real Property Location

Pos: 143	Max: 1
Heading - 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
		Description: Free-form text for city name				
MS102	156	State or Province Code	M	ID	2/2	Must Use
		Description: Code (Standard State/Province) as defined by appropriate government agency				
MS103	26	Country Code	M	ID	2/3	Must Use
		Description: Code identifying the country				

Example:

*MS1*Oak Creek*WI*US*

K1 Remarks

Pos: 170	Max: 1
Heading - Optional	
Loop: 0200	Elements: 1

User Option (Usage): Used

Purpose: To transmit information in a free-form format for comment or special instruction

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>
K101	61	Free-Form Message	M	AN	1/30	Must Use

Description: Free-form information

Insight Note:

K1 segment is used for carrier partners only

Example:

*K1*Please drop package off at door*

SE Transaction Set Trailer

Pos: 610	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must Use

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	Number of Included Segments	M	N0	1/10	Must Use
		Description: Total number of segments included in a transaction set including ST and SE segments				
SE02	329	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				