

Insight 214 Spec Changes – 09/21/2022 Version 3.0

- Updated 214 spec mandatory/conditional status against the 214 map to make it a bit more accurate along with other changes that are noted.

COVER PAGE BEFORE

Vednor 214 - Shipment Status

X12/V4010/214: Vendor 214 Shipment Status

Version: 1.0 Final

Modified:

01/14/2008

COVER PAGE AFTER



X12 - 214 v004010

Transportation Carrier Shipment Status Message

INBOUND

Version: 3.0 Final

ISA\GS IDS BEFORE

ISA07	I05	Interchange ID Qualifier	M	ID	2/2
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Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified

Code Name

01	Duns (Dun & Bradstreet)
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Insight Note:

Insight Test ID Qualifier

12	Phone (Telephone Companies)
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Insight Note:

Insight Production ID Qualifier

ISA08	I07	Interchange Receiver ID	M	AN	15/15
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ISA\GS IDS AFTER

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						
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						

B10 BEFORE

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
B1001	127	Reference Identification	X	AN	1/30
Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier					
Insight Note: <i>This is the Tracking Number. This must match the Tracking Number from the ASN.</i>					
B1002	145	Shipment Identification Number	O	AN	1/30
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)					
Insight Note: <i>Tracking Number</i>					
B1003	140	Standard Carrier Alpha Code	M	ID	2/4
Description: Standard Carrier Alpha Code					
Insight Note: <i>Carrier</i>					

B10 AFTER

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:

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				
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 BEFORE

L11 Business Instructions and Reference Number

Pos: 030 Max: 300
 Heading - Optional
 Loop: N/A Elements: 2

User Option (Usage): Must Use

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				
		Insight Note: Preferred location for Delivery number is B10 01				
L1102	128	Reference Identification Qualifier	X	ID	2/3	Must Use
		Description: Code qualifying the Reference Identification				
		Code Name				
		CR Customer Reference Number				

L11 AFTER

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						

User Note 1:

L11 segment is mandatory for vendor or manufacturers only

N1 BEFORE

N1 Name

Pos: 050	Max: 1
Heading - Optional	
Loop: 0100	Elements: 2

User Option (Usage): Must Use

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						
<u>Code</u> <u>Name</u>						
N5 Party Who Signed the Delivery Receipt						
SF Ship From						
ST Ship To						
N102	93	Name	X	AN	1/60	Must Use
Description: Free-form name						

N1 AFTER

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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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)						
<u>Code</u> <u>Name</u>						
N5 Party Who Signed the Delivery Receipt						
SF Ship From						
ST Ship To						
N102	93	Name	M	AN	1/60	Must Use
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

N2 IN SPEC BUT NOT MAPPED- REMOVED

12/07/07

Transportation Carrier Shipment Status Message - 214

N2 Additional Name Information

Pos: 060	Max: 1
Heading - Optional	
Loop: 0100	Elements: 2

User Option (Usage): Future Use

To specify additional names or those longer than 35 characters in length

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N201	93	Name	M	AN	1/60	Future Use
Description: Free-form name						
N202	93	Name	O	AN	1/60	Future Use
Description: Free-form name						

N3 BEFORE

N3 Address Information

Pos: 070	Max: 2
Heading - Optional	
Loop: 0100	Elements: 2

User Option (Usage): Must Use

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				

N3 AFTER

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 BEFORE

N4 Geographic Location

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

User Option (Usage): Must Use

To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	City Name Description: Free-form text for city name	O	AN	2/30	Must Use
N402	156	State or Province Code Description: Code (Standard State/Province) as defined by appropriate government agency	O	ID	2/2	Must Use
N403	116	Postal Code Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O	ID	3/15	Must Use
N404	26	Country Code Description: Code identifying the country	O	ID	2/3	Must Use

N4 AFTER

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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	City Name Description: Free-form text for city name	M	AN	2/30	Must Use
N402	156	State or Province Code Description: Code (Standard State/Province) as defined by appropriate government agency	M	ID	2/2	Must Use
N403	116	Postal Code Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	M	ID	3/15	Must Use
N404	26	Country Code Description: Code identifying the country	M	ID	2/3	Must Use

Example:

N4*SAGINAW*MI*48604-9432*US

LX BEFORE

LX Assigned Number

Pos: 130	Max: 1
Heading - Optional	
Loop: 0200	Elements: 1

User Option (Usage): Used

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	NO	1/6	Must Use

Description: Number assigned for differentiation

LX AFTER

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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LX01	554	Assigned Number	M	NO	1/6	Must Use

AT7 BEFORE

AT7 Shipment Status Details

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

User Option (Usage): Must Use

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	Must Use

Description: Code indicating the status of a shipment

Code Name

AP	Delivery Not Completed
D1	Completed Unloading at Delivery Location
X6	En Route to Delivery Location

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

All valid standard codes are used

AT705	373	Date Description: Date expressed as CCYYMMDD Insight Note: <i>Delivery Date</i>	X	DT	8/8	Must Use
AT706	337	Time 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: <i>Delivery Time</i>	X	TM	4/8	Must Use
AT707	623	Time Code Description: Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified	O	ID	2/2	Used

AT7 AFTER

AT7 Shipment Status Details

Pos: 140	Max: 1
Heading - Mandatory	
Loop: 0205	Elements: 4

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 Description: Code indicating the status of a shipment Code List Summary (Total Codes: 42, Included: 3) Code Name AP Delivery Not Completed D1 Completed Unloading at Delivery Location X6 En Route to Delivery Location	M	ID	2/2	Must Use
AT702	1651	Shipment Status or Appointment Reason Code 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	M	ID	2/2	Must Use
AT705	373	Date	M	DT	8/8	Must Use

User Note 1: *Delivery Time*

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

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

Code	Name
LT	Local Time

Example:

AT7~X6~NS~~~20220830~091743~LT

MS1 BEFORE – MISSING MS103 NEED TO ADD

MS1 Equipment, Shipment, or Real Property Location

Pos: 143	Max: 1
Heading - Optional	
Loop: 0205	Elements: 2

User Option (Usage): Used

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	X	AN	2/30	Used
Description: Free-form text for city name						
MS102	156	State or Province Code	X	ID	2/2	Used
Description: Code (Standard State/Province) as defined by appropriate government agency						

MS1 AFTER – ADD MS103 ELEMENT – SENT AND MAPPED

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:

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						
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						

K1 SEGMENT ADDED - NOT IN SPEC BUT IN MAP – ADDED TO SPEC

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

Insight 214 Spec Changes – 07/20/2023 Version 3.1

- Added more milestone types in the AT701 element – see below.

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)

<u>Code</u>	<u>Name</u>
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