Universal Traffic Service, Inc.

Universal Solutions for Supply Chain Management

Service ● Control ● Solutions

EDI Specifications

Transaction Set 214 - v4010
Transportation Carrier Shipment Status Message

ST   Transaction Set Header   *Mandatory*

Ref	**Element Name**	**Size**	**Usage**
ST01	Transaction Set Identifier Code: Code uniquely Identifying a Transaction Set.	**3/3**	**M**

Accepted Codes:

214   Transaction Carrier Shipment Status Message

ST02	Transaction Set Control Number: Identifying control number that must be Unique within the transaction set functional group assigned by the originator for the transaction set.	**4/9**	**M**

B10 Beginning Segment for Transportation Carrier Shipment Status Message

Mandatory

Syntax: At least one of B1001 or B1006 is required
Only one of B1001 or B1005 may be present
If either B1005 or B1006 is present, then the other is required

Ref	Element Name	Size	Usage
B1001	Reference Identification: Reference information as defined for a particular Transaction Set or as specified by the reference identification qualifier **Carrier PRO Number**	1/30	M
B1002	Shipment Identification Number: Identification number assigned to the shipment by the shipper that uniquely identified the shipment from origin to ultimate destination and is not subject to modification (Does not contain blanks or special characters) **A unique number assigned by the shipper to identify the shipment. This is usually a bill of lading number.**	1/30	M
B1003	Standard Carrier Alpha Code: Standard Carrier Alpha Code.	2/4	M
B1004	Inquiry Request Number: Identifying number assigned by inquirer ***Not Currently Used by Universal Traffic Service**	1/3	O
B1005	Reference Identification Qualifier: Code qualifying the Reference Identification **Not Currently Used by Universal Traffic Service**	2/3	X
B1006	Reference Identification: reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **Not Currently Used by Universal Traffic Service**	1/30	X
B1007	Yes/No Condition or Response Code: Code indicating a Yes or No condition or response ***Not Currently Used by Universal Traffic Service**	1/1	O

L11   Business Instructions and Reference Number   *Optional*

Syntax: At least one of L1101 or L1103 is required
If either L1101 or L1102 is present, then the other is required.

Ref	Element Name	Size	Usage
L1101	Reference Identification: Reference information as defined for a particular Transaction Set or as specified by the reference identification qualifier	1/30	D
L1102	Reference Identification Qualifier: Code qualifying the Reference Identification	2/3	D

Accepted Codes:
BM   Bill of Lading Number
CN   Carriers Reference Number (Pro/Invoice)

Ref	Element Name	Size	Usage
L1103	Description: A free-form description to clarify the related data elements and their content	1/80	D

N1   **Name**   *Mandatory*

Syntax: At least one of N102 or N103 is required
If either N103 or N104 is present, then the other is required

Ref	Element Name	Size	Usage
N101	Entity Identifier Code: Code identifying an organizational entity, a physical location, property, or an individual.	2/3	M

Accepted Codes:
BT   Bill-to-Party
CN   Consignee
SH   Shipper

Ref	Element Name	Size	Usage
N102	Name: Free-form name.	1/60	M
N103	Identification Code Qualifier: Code designating then system/method of code structure used for Identification Code *Not Currently Used by Universal Traffic Service	1/2	D
N104	Identification Code: Code identifying a party or other code *Not Currently Used by Universal Traffic Service	2/80	D
N105	Entity Relationship Code: Code describing entity relationship *Not Currently Used by Universal Traffic Service	2/2	O
N106	Entity Identifier Code: Code identifying an organizational entity, a physical location, property or individual *Not Currently Used by Universal Traffic Service	2/3	O

N3   Address Information   *Mandatory*

Ref	Element Name	Size	Usage
N301	Address Information: Address information	1/55	M
N302	Address Information: Address in formation	1/55	O

N4   Geographic Location

Mandatory

Syntax: If N406 is present, then N405 is required

Ref	Element Name	Size	Usage
N401	City Name: Free-form text for city name	2/30	M
N402	State or Province Code: Code (Standard State/Province) as defined by appropriate government agency.	2/2	M
N403	Postal Code: Code defining international postal zone code excluding punctuation and blanks (zip code for United States).	3/15	M
N404	Country Code: Code identifying the country ***Not Currently Used by Universal Traffic Service**	2/3	O
N405	Location Qualifier: Code identifying type of location ***Not Currently Used by Universal Traffic Service**	1/2	D
N406	Location Identifier: Code which identifies a specific location **Not Currently Used by Universal Traffic Service**	1/30	O

MS3 Interline Information

Optional

*MS3 Segment Not Currently Used by Universal Traffic Service.
*If the MS3 Segment is included the Usage guidelines must be followed.

<u>Syntax</u>: If MS305 is present, then MS303 is required

<u>Ref</u>	<u>Element Name</u>	<u>Size</u>	<u>Usage</u>
MS301	<u>Standard Carrier Alpha Code</u>: Standard Carrier Alpha Code ****Not Currently Used by Universal Traffic Service**	**2/4**	**M**
MS302	<u>Routing Sequence Code</u>: Code the relationship of a carrier to a specific shipment movement ****Not Currently Used by Universal Traffic Service**	**1/2**	**M**
MS303	<u>City Name</u>: Free-form text for city name ****Not Currently Used by Universal Traffic Service**	**2/30**	**D**
MS304	<u>Transportation Method/Type Code</u>: Code specifying the method or type of transportation for the shipment ****Not Currently Used by Universal Traffic Service**	**1/2**	**O**
MS305	<u>State or Province Code</u>: Code (Standard State/Province) as defined by appropriate government agency ****Not Currently Used by Universal Traffic Service**	**2/2**	**O**

LX   Assignment Number
Mandatory

Ref	Element Name	Size	Usage
LX01	Assigned Number: Number assigned for differentiation within a transaction set.	1/6	M

AT7 Shipment Status Details

Mandatory

Syntax: Only one of AT701 or AT703 may be present.
    If either AT701 or AT072 is present then the other is required.
    If either AT703 or AT704 is present then the other is required.
    If AT706 is present then AT705 is required.
    If AT707 is present then AT706 is required.

Ref	Element Name	Size	Usage
AT701	Shipment Status Code: Code indicating the status of a shipment.	2/2	D

Accepted Codes:

AF	Carrier Departed Pick-up Location with Shipment
AG	Estimated Delivery
AH	Attempted Delivery
AM	Loaded On Truck
D1	Completed Unloading At Delivery Location
J1	Delivered To Connecting Line
P1	Departed Terminal Location
X1	Arrived At Delivery Location
X3	Arrived At Pick-up Location
X4	Arrived At Terminal Location
AV	Available For Delivery
A7	Refused By Consignee
SD	Shipment Delayed
X5	Arrived At Delivery Location Loading Dock
X6	En-route To Delivery Location

Ref	Element Name	Size	Usage
AT702	Shipment Status or Appointment Reason Code: Code indicating the reason a shipment status or appointment reason was transmitted	2/2	D

Accepted Codes:

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
AI	Mechanical Breakdown
AK	Damaged, Rewrapped In Hub
AN	Holiday - Closed
AO	Weather Or Natural Disaster Related
AQ	Recipient Unavailable – Delivery Delayed
AR	Improper International Paperwork
AS	Hold Due To Customs Documentation Problems
AT	Unable To Contact Recipient For Broker Information
AW	Past Cut-off Time
AX	Insufficient Pick-up Time
AY	Missed Pick-up
AZ	Alternate Carrier Delivered
B4	Held For Payment
BG	Other
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 Request	
C9	Cash Not Available From Consignee	
NA	Normal Appointment	
NS	Normal Status	
P2	Waiting Inspection	
P4	Held For Full Carrier Load	

AT703   <u>Shipment Appointment Status Code</u>: Code indicating the status of an appointment to pick-up or deliver a shipment.   **2/2**   **D**

<u>Accepted Codes</u>:

AB   Delivery Appointment Date and/or Time

AT704   <u>Shipment Status or Appointment Reason Code</u>: Code indicating the reason a shipment status or appointment reason was transmitted.   **2/2**   **D**

<u>Accepted Codes</u>:

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
AI	Mechanical Breakdown
AK	Damaged, Rewrapped at Hub
AN	Holiday - Closed
AO	Weather or Natural Disaster Related
AQ	Recipient Unavailable – Delivery Delayed
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

B4	Held for Payment
BG	Other
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
NA	Normal Appointment
P2	Waiting Inspection
P4	Held for Full Carrier Load

AT705 <u>Date</u>: Date expressed as CCYYMMDD **8/8** **D**

AT706 <u>Time</u>: 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). **Local Time** **4/8** **D**

AT707 <u>Time Code</u>: 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.
***Not Currently Used by Universal Traffic Service** **2/2** **O**

MS1 Equipment, Shipment, or Real Property Location

Optional

*MS1 Segment Not Currently Used by Universal Traffic Service.
*If the MS31 Segment is included the Usage guidelines must be followed.

<u>Syntax</u>: If MS101 is present, then at least one of MS102 or MS103 is required
Only one of MS101 or MS104 may be present
If MS102 is present then MS101 is required
If MS103 is present then MS101 is required
If either MS104 or MS105 is present, then the other is required
If MS106 is present, thenMS104 is required
If MS107 is present, then MS105 is required

<u>Ref</u>	<u>Element Name</u>	<u>Size</u>	<u>Usage</u>
MS101	<u>City Name</u>: Free-form text for city name ***Not Currently Used by Universal Traffic Service**	**2/30**	**D**
MS102	<u>State or Province Code</u>: Code (Standard State/Province) as defined by appropriate government agency ***Not Currently Used by Universal Traffic Service**	**2/2**	**D**
MS103	<u>Country Code</u>: Code identifying the country ***Not Currently Used by Universal Traffic Service**	**2/3**	**D**
MS104	<u>Longitude Code</u>: Code indicating the longitude in degrees (3 positions), minutes (2 positions), and seconds (2 positions) ***Not Currently Used by Universal Traffic Service**	**7/7**	**D**
MS105	<u>Latitude Code</u>: Code indicating the latitude in degrees (3 positions), minutes (2 positions), and seconds (2 positions) ***Not Currently Used by Universal Traffic Service**	**7/7**	**D**
MS106	<u>Direction Identifier Code</u>: Code identifying geographic location ***Not Currently Used by Universal Traffic Service**	**1/1**	**D**
MS107	<u>Direction Identifier Code</u>: Code identifying geographic location ***Not Currently Used by Universal Traffic Service**	**1/1**	**O**

MS2 Equipment or Container Owner and Type *Optional*

*MS2 Segment Not Currently Used by Universal Traffic Service.
*If the MS2 Segment is included the Usage guidelines must be followed.

<u>Syntax</u>: If either MS201 or MS202 is present then the other is required
If MS204 is present, then MS202 is required

<u>Ref</u>	<u>Element Name</u>	<u>Size</u>	<u>Usage</u>
MS201	<u>Standard Carrier Alpha Code</u>: Standard Carrier Alpha Code ***Not Currently Used by Universal Traffic Service**	**2/4**	**D**
MS202	<u>Equipment Number</u>: Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred) ***Not Currently Used by Universal Traffic Service**	**1/10**	**D**
MS203	<u>Equipment Description Code</u>: Code identifying type of equipment used for shipment ***Not Currently Used by Universal Traffic Service**	**2/2**	**O**
MS204	<u>Equipment Number Check Digit</u>: Number which designates the check digit to a piece of equipment ***Not Currently Used by Universal Traffic Service**	**1/1**	**O**

L11   Business Instructions and Reference Number   *Optional*

Syntax: At least one of L1101 or L1103 is required
If either L1101 or L1102 is present, then the other is required

<u>Ref</u>	<u>Element Name</u>	<u>Size</u>	<u>Usage</u>
L1101	<u>Reference Identification</u>: Reference information as defined for a particular Transaction Set or as specified by the reference identification qualifier	**1/30**	**D**
L1102	<u>Reference Identification Qualifier</u>: Code qualifying the Reference Identification	**2/3**	**D**

<u>**Accepted Codes**</u>**:**
BM   Bill of Lading Number
CN   Carriers Reference Number (Pro/Invoice)

L1103	<u>Description</u>: A free-form description to clarify the related data elements and their content	**1/80**	**D**

MAN Marks and Numbers

Optional

*MAN Segment Not Currently Used by Universal Traffic Service.
*If the MAN Segment is included the Usage guidelines must be followed.

<u>Syntax</u>: If either MAN04 or MAN05 is present, then the other is required
If MAN06 is present, then MAN05 is required

<u>Ref</u>	<u>Element Name</u>	<u>Size</u>	<u>Usage</u>
MAN01	<u>Marks and Numbers Qualifier</u>: Code specifying the application of source of Marks and Numbers ***Not Currently Used by Universal Traffic Service**	**1/2**	**M**
MAN02	<u>Marks and Numbers</u>: Marks and numbers used to identify a shipment or parts of a shipment ***Not Currently Used by Universal Traffic Service**	**1/48**	**M**
MAN03	<u>Marks and Numbers</u>: Marks and numbers used to identify a shipment or parts of a shipment ***Not Currently Used by Universal Traffic Service**	**1/48**	**O**
MAN04	<u>Marks and Numbers Qualifier</u>: Code specifying the application or source of Marks and Numbers ***Not Currently Used by Universal Traffic Service**	**1/2**	**O**
MAN05	<u>Marks and Numbers</u>: Marks and numbers used to identify a shipment or parts of a shipment ***Not Currently Used by Universal Traffic Service**	**1/48**	**D**
MAN06	<u>Marks and Numbers</u>: Marks and numbers used to identify a shipment or parts of a shipment ***Not Currently Used by Universal Traffic Service**	**1/48**	**O**

Q7 Lading Exception Code

Optional

*Q7 Segment Not Currently Used by Universal Traffic Service.
*If the Q7 Segment is included the Usage guidelines must be followed.

Syntax: If Q702 is present, then Q703 is required

Ref	Element Name	Size	Usage
Q701	Lading Exception Code: Code indicating the condition of the shipment ***Not Currently Used by Universal Traffic Service**	1/1	M
Q702	Packaging Form Code: Code for packaging form of the lading quantity ***Not Currently Used by Universal Traffic Service**	3/3	O
Q703	Lading Quantity: Number of units (pieces) of the lading commodity ***Not Currently Used by Universal Traffic Service**	1/7	D

AT5   Bill of Lading Handling Requirements

Optional

*AT5 Segment Not Currently Used by Universal Traffic Service.
*If the AT5 Segment is included the Usage guidelines must be followed.

<u>Syntax</u>: Only one of AT501 or AT503 may be present
Only one of AT502 or AT503 may be present

<u>Ref</u>	<u>Element Name</u>	<u>Size</u>	<u>Usage</u>
AT501	<u>Special Handling Code</u>: Code specifying special transportation handling instructions ***Not Currently Used by Universal Traffic Service**	**2/3**	**D**
AT502	<u>Special Services Code</u>: Code identifying the special service ***Not Currently Used by Universal Traffic Service**	**2/10**	**D**
AT503	<u>Special Handling Description</u>: Free-form additional description of special handling instructions to appear on printed bill if special handling code is not adequate ***Not Currently Used by Universal Traffic Service**	**2/30**	**D**

AT8   Shipment Weight, Packaging and Quantity Data   *Optional*

Syntax: If either AT801, AT802 or AT803 are present, then the others are required
If either AT806 or AT807 is present, then the other is required

Ref	Element Name	Size	Usage
AT801	Weight Qualifier: Code defining the type of weight	1/2	M

Accepted Codes:
G   Gross Weight

Ref	Element Name	Size	Usage
AT802	Weight Unit Code: Code specifying the weight unit	1/1	M

Accepted Codes:
L   Pounds

Ref	Element Name	Size	Usage
AT803	Weight: Numeric value of weight	1/10	M
AT804	Lading Quantity: Number of units (pieces) of the lading commodity ***Not Currently Used by Universal Traffic Service**	1/7	O
AT805	Lading Quantity: Number of units (pieces) of the lading commodity ***Not Currently Used by Universal Traffic Service**	1/7	O
AT806	Volume Unit Qualifier: Code identifying the volume unit ***Not Currently Used by Universal Traffic Service**	1/1	D
AT807	Volume: Value of volumetric measure ***Not Currently Used by Universal Traffic Service**	1/8	D

SE   Transaction Set Trailer

Optional

Ref	Element Name	Size	Usage
SE01	<u>Number of Included Segments</u>: Total number of segments included in a transaction set including ST and SE segments.	**1/10**	**M**
SE02	<u>Transaction Set Control Number</u>: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set.	**4/9**	**M**

Sample 214 File

```
ISA ... ~
GS ... ~
ST*214*00000000~
B10*000000000*1*SCAC~
L11*1*BM~
N1*BT*BILL TO~
N3*BT ADDRESS~
N4*CITY*ST*ZIP~
N1*SH*SHIPPER~
N3*SH ADDRESS~
N4*CITY*ST*ZIP~
N1*CN*CONSIGNEE~
N3*CN ADDRESS~
N4*CITY*ST*ZIP~
MS3~
LX*1~
AT7*X3*NS***20110117*1520*LT~
MS1*CITY*ST*USA~
MS2*SCAC*000000~
L11*1*BM~
MAN~
Q7~
AT5~
AT8*G*L*735*1~
SE*23*00000000~
GE ... ~
IEA ... ~
```

Usage Legend

M = Mandatory
O = Optional
D = Dependent
X = DO NOT USE