

# 214 Transportation Carrier Shipment Status Message

Functional Group ID=**QM**

## Introduction:

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.

## Notes:

*This document identifies the AAFES business requirements for the Transportation Carrier Shipment Status Message. Segments not required by the standards, but required by AAFES, are marked "RECOMMENDED". All elements marked with "R" are required by AAFES and must always be received by AAFES. All elements marked "M" are mandatory by the standards. All unmarked elements may be transmitted as necessary in their respective segments.*

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
3	010	ST	Transaction Set Header	M	1		
4	020	B10	Beginning Segment for Transportation Carrier Shipment Status Message	M	1		
5	030	L11	Business Instructions and Reference Number	O	300		
Not Used	035	MAN	Marks and Numbers	O	9999		
Not Used	040	K1	Remarks	O	10		
LOOP ID - 0100						10	
6	050	N1	Name	O	1		
Not Used	060	N2	Additional Name Information	O	1		
7	070	N3	Address Information	O	2		
8	080	N4	Geographic Location	O	1		
Not Used	090	G61	Contact	O	1		
Not Used	100	G62	Date/Time	O	1		n1
9	110	L11	Business Instructions and Reference Number	O	10		
10	120	MS3	Interline Information	O	12		
LOOP ID - 0200						999999	
11	130	LX	Assigned Number	O	1		
LOOP ID - 0205						10	
12	140	AT7	Shipment Status Details	O	1		
14	143	MS1	Equipment, Shipment, or Real Property Location	O	1		
15	146	MS2	Equipment or Container Owner and Type	O	1		
Not Used	150	L11	Business Instructions and Reference Number	O	10		
Not Used	155	MAN	Marks and Numbers	O	9999		
16	160	Q7	Lading Exception Code	O	10		
Not Used	170	K1	Remarks	O	10		
Not Used	180	AT5	Bill of Lading Handling Requirements	O	10		
17	200	AT8	Shipment Weight, Packaging and Quantity Data	O	10		
LOOP ID - 0210						999999	
Not Used	210	CD3	Carton (Package) Detail	O	1		n2
Not Used	220	L11	Business Instructions and Reference Number	O	20		

Army and Air Force Exchange Service

LOOP ID - 0215			10
Not Used	230	AT7	Shipment Status Details O 1
Not Used	233	MS1	Equipment, Shipment, or Real Property Location O 1
Not Used	236	MS2	Equipment or Container Owner and Type O 1
Not Used	240	NM1	Individual or Organizational Name O 1
Not Used	250	Q7	Lading Exception Code O 10
Not Used	260	AT8	Shipment Weight, Packaging and Quantity Data O 1
Not Used	265	MAN	Marks and Numbers O 9999
LOOP ID - 0220			999999
Not Used	270	N1	Name O 1
Not Used	280	N2	Additional Name Information O 1
Not Used	290	N3	Address Information O 3
Not Used	300	N4	Geographic Location O 1
Not Used	310	L11	Business Instructions and Reference Number O 10
LOOP ID - 0230			999999
Not Used	320	PRF	Purchase Order Reference O 1
LOOP ID - 0231			999999
Not Used	330	N1	Name O 1
Not Used	340	N2	Additional Name Information O 1
Not Used	350	N3	Address Information O 2
Not Used	360	N4	Geographic Location O 1
Not Used	370	L11	Business Instructions and Reference Number O 10
LOOP ID - 0233			999999
Not Used	380	CD3	Carton (Package) Detail O 1
Not Used	390	L11	Business Instructions and Reference Number O 20
LOOP ID - 0240			10
Not Used	400	AT7	Shipment Status Details O 1
Not Used	402	MS1	Equipment, Shipment, or Real Property Location O 1
Not Used	404	MS2	Equipment or Container Owner and Type O 1
Not Used	405	MAN	Marks and Numbers O 9999
LOOP ID - 0250			999999
Not Used	410	SPO	Shipment Purchase Order Detail O 1
Not Used	420	SDQ	Destination Quantity O 10
LOOP ID - 0260			>1
Not Used	423	EFI	Electronic Format Identification O 1
Not Used	426	BIN	Binary Data M 1
18	610	SE	Transaction Set Trailer M 1

**Transaction Set Notes**

1. Status and appointment dates and times shall not be transmitted in the G62 segment.
2. Loops 0210, 0215 and 0220 shall be used in conjunction with loop 0200 to convey status for small package carrier shipments.

**Segment:** **ST** Transaction Set Header  
**Position:** 010  
**Loop:**  
**Level:**  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the start of a transaction set and to assign a control number  
**Syntax Notes:**  
**Semantic Notes:** 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).  
**Comments:**

**Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	<b>Transaction Set Identifier Code</b> Code uniquely identifying a Transaction Set 214 Transportation Carrier Shipment Status Message	<b>M ID 3/3</b>
M	ST02	329	<b>Transaction Set Control Number</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	<b>M AN 4/9</b>

**Segment:** **B10** Beginning Segment for Transportation Carrier Shipment Status Message  
**Position:** 020  
**Loop:**  
**Level:**  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To transmit identifying numbers and other basic data relating to the transaction set  
**Syntax Notes:**

- 1 At least one of B1001 or B1006 is required.
- 2 Only one of B1001 or B1005 may be present.
- 3 If either B1005 or B1006 is present, then the other is required.

**Semantic Notes:**

- 1 B1001 is the carrier assigned reference number.
- 2 B1007 indicates if the reference numbers included in this transmission were transmitted to the carrier via EDI or key entered by the carrier. A "Y" indicates that the carrier received the reference numbers in an EDI transmission; an "N" indicates that the carrier did not receive the reference numbers in an EDI transmission and key entered the data from a shipper supplied document.

**Comments:**

- 1 B1001 is the carrier's PRO (invoice number) that identifies the shipment.
- 2 B1003 is required when used in Transaction Set 214.
- 3 B1006 is the carrier assigned bar code identification or another carrier assigned shipment identification, such as a manifest number.

**Notes:** *This segment and elements B1001, B1002 and B1003 are required by AAFES.*

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
R	B1001	127 Reference Identification	X AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
		<i>Carrier's Pro Number (Invoice Number) that identifies the shipment.</i>	
R	B1002	145 Shipment Identification Number	O AN 1/30
		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)	
M	B1003	140 Standard Carrier Alpha Code	M ID 2/4
		Standard Carrier Alpha Code	

**Segment:** **L11** Business Instructions and Reference Number  
**Position:** 030  
**Loop:**  
**Level:**  
**Usage:** Optional  
**Max Use:** 300  
**Purpose:** To specify instructions in this business relationship or a reference number  
**Syntax Notes:** 1 At least one of L1101 or L1103 is required.  
 2 If either L1101 or L1102 is present, then the other is required.

**Semantic Notes:**

**Comments:**

**Notes:**

*This segment and elements L1101 and L1102 are required by AAFES.*

*AAFES will accept a maximum of 300 L11 segments.*

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
R	L1101	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
			<i>AAFES Purchase Order Number</i>	
R	L1102	128	Reference Identification Qualifier	X ID 2/3
			Code qualifying the Reference Identification	
			PO Purchase Order Number	

- Segment:** **N1** Name  
**Position:** 050  
**Loop:** 0100 Optional (Recommended)  
**Level:**  
**Usage:** Optional (Recommended)  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name, and code  
**Syntax Notes:**  
 1 At least one of N102 or N103 is required.  
 2 If either N103 or N104 is present, then the other is required.
- Semantic Notes:**  
**Comments:**  
 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.  
 2 N105 and N106 further define the type of entity in N101.

**Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N101	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual <i>AAFES will accept a maximum of ten N1 loops.</i> CN Consignee CS Consolidator DT Destination Terminal OT Origin Terminal SF Ship From SH Shipper ST Ship To	M ID 2/3
R	N102	93	<b>Name</b> Free-form name	X AN 1/60

**Segment:** **N3** Address Information  
**Position:** 070  
**Loop:** 0100 Optional (Recommended)  
**Level:**  
**Usage:** Optional (Recommended)  
**Max Use:** 2  
**Purpose:** To specify the location of the named party  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:** *A maximum of two N3 segments may be used to give full address.*

**Data Element Summary**

	<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
	<b>Des.</b>	<b>Element</b>		
M	N301	166	Address Information Address information	M AN 1/55
	N302	166	Address Information Address information	O AN 1/55

**Segment:** **N4 Geographic Location**  
**Position:** 080  
**Loop:** 0100 Optional (Recommended)  
**Level:**  
**Usage:** Optional (Recommended)  
**Max Use:** 1  
**Purpose:** To specify the geographic place of the named party  
**Syntax Notes:** 1 If N406 is present, then N405 is required.  
**Semantic Notes:**  
**Comments:** 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.  
 2 N402 is required only if city name (N401) is in the U.S. or Canada.

**Data Element Summary**

	<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
	<b><u>Des.</u></b>	<b><u>Element</u></b>		
<b>R</b>	<b>N401</b>	<b>19</b>	<b>City Name</b> Free-form text for city name	<b>O AN 2/30</b>
<b>R</b>	<b>N402</b>	<b>156</b>	<b>State or Province Code</b> Code (Standard State/Province) as defined by appropriate government agency	<b>O ID 2/2</b>
<b>R</b>	<b>N403</b>	<b>116</b>	<b>Postal Code</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	<b>O ID 3/15</b>
	<b>N404</b>	<b>26</b>	<b>Country Code</b> Code identifying the country	<b>O ID 2/3</b>



**Segment:** **L11 Business Instructions and Reference Number**  
**Position:** 110  
**Loop:** 0100 Optional (Recommended)  
**Level:**  
**Usage:** Optional (Recommended)  
**Max Use:** 10  
**Purpose:** To specify instructions in this business relationship or a reference number  
**Syntax Notes:** 1 At least one of L1101 or L1103 is required.  
 2 If either L1101 or L1102 is present, then the other is required.

**Semantic Notes:**

**Comments:**

**Notes:**

*This segment and elements L1101 and L1102 are required by AAFES for TMS shipments.*

*This segment is used to send the Shipper Reference Number that was sent in the 204 Transaction Set, element B204.*

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
R	L1101	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <i>If carrier received a 204 Transaction set from AAFES, then this element must contain the AAFES TMS Shipper Reference Number.</i> <i>The AAFES TMS Shipper Reference Number is sent in element B204 on the 204 Transaction Set.</i>	X AN 1/30
R	L1102	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification 6A Consignee Reference Number	X ID 2/3

**Segment:** **MS3** Interline Information  
**Position:** 120  
**Loop:**  
**Level:**  
**Usage:** Optional  
**Max Use:** 12  
**Purpose:** To identify the interline carrier and relevant data  
**Syntax Notes:** 1 If MS305 is present, then MS303 is required.  
**Semantic Notes:** 1 MS301 is the Standard Carrier Alpha Code (SCAC) of the interline carrier.  
 2 MS303 is the city where the interline was performed.  
**Comments:**

**Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	MS301	140	<b>Standard Carrier Alpha Code</b> Standard Carrier Alpha Code	M ID 2/4
M	MS302	133	<b>Routing Sequence Code</b> Code describing the relationship of a carrier to a specific shipment movement B Origin/Delivery Carrier (Any Mode)	M ID 1/2

**Segment:** **LX** Assigned Number  
**Position:** 130  
**Loop:** 0200 Optional (Recommended)  
**Level:**  
**Usage:** Optional (Recommended)  
**Max Use:** 1  
**Purpose:** To reference a line number in a transaction set  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	LX01	554	Assigned Number Number assigned for differentiation within a transaction set	M N0 1/6

**Segment:** **AT7 Shipment Status Details**

**Position:** 140

**Loop:** 0205 Optional (Recommended)

**Level:**

**Usage:** Optional (Recommended)

**Max Use:** 1

**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.

- Syntax Notes:**
- 1 Only one of AT701 or AT703 may be present.
  - 2 If either AT701 or AT702 is present, then the other is required.
  - 3 If either AT703 or AT704 is present, then the other is required.
  - 4 If AT706 is present, then AT705 is required.
  - 5 If AT707 is present, then AT706 is required.

- Semantic Notes:**
- 1 If AT701 is present, AT705 is the date the status occurred. If AT703 is present, AT705 is a date related to an appointment.  
If AT701 is present, AT706 is the time of the status. If AT703 is present, AT706 is the time of the appointment.
  - 2 If AT707 is not present then AT706 represents local time of the status.

**Comments:**

**Notes:** *This segment is required by AAFES.*

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
R	<u>Des.</u> AT701	<u>Element</u> 1650 <b>Shipment Status Code</b>	X ID 2/2
		Code indicating the status of a shipment	
		<i>This element must be sent in by carrier</i>	
		A3	Shipment Returned to Shipper
		A7	Refused by Consignee
		A9	Shipment Damaged
		AF	Carrier Departed Pick-up Location with Shipment
			<i>This code is required, if TMS shipment, in order to pay TS210.</i>
		AG	Estimated Delivery
		AH	Attempted Delivery
		AI	Shipment has been Reconsigned
		AJ	Tendered for Delivery
		AP	Delivery Not Completed
		AV	Available for Delivery
		B6	Estimated to Arrive at Carrier Terminal
			<i>If TMS and information is available, please send.</i>
		BA	Connecting Line or Cartage Pick-up
		BC	Storage in Transit
		D1	Completed Unloading at Delivery Location
			<i>This code is required, if TMS shipment, in order to pay TS210.</i>
		J1	Delivered to Connecting Line
		K1	Arrived at Customs
		OO	Paperwork Received - Did not Receive Shipment or Equipment
		P1	Departed Terminal Location
		R1	Received from Prior Carrier
		RL	Rail Departure from Origin Intermodal Ramp
		S1	Trailer Spotted at Consignee's Location

- SD Shipment Delayed
- X1 Arrived at Delivery Location  
*This code is required, if TMS shipment, in order to pay TS210.*
- X2 Estimated Date and/or Time of Arrival at Consignee's Location
- X4 Arrived at Terminal Location

**R AT702 1651 Shipment Status or Appointment Reason Code X ID 2/2**

Code indicating the reason a shipment status or appointment reason was transmitted

*This element must be sent in by carrier*

- A5 Unable to Locate
- AD Customer Requested Future Delivery
- AW Past Cut-off Time
- B2 Trap for Customer
- BH Insufficient Time to Complete Delivery
- BI Cartage Agent
- BS Refused by Customer
- CA Customs (Import or Export)
- HB Held Pending Appointment
- NS Normal Status
- S1 Delivery Shortage

**R AT705 373 Date X DT 8/8**

Date expressed as CCYYMMDD

*If TMS, this element is required.*

**R AT706 337 Time X TM 4/8**

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)

*If TMS, this element is required.*

**AT707 623 Time Code O ID 2/2**

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. Refer to 004010 Data Element Dictionary for acceptable code values.

**Segment:** **MS1** Equipment, Shipment, or Real Property Location

**Position:** 143

**Loop:** 0205 Optional (Recommended)

**Level:**

**Usage:** Optional (Recommended)

**Max Use:** 1

**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

**Syntax Notes:** 1 If MS101 is present, then at least one of MS102 or MS103 is required.

2 Only one of MS101 or MS104 may be present.

3 If MS102 is present, then MS101 is required.

4 If MS103 is present, then MS101 is required.

5 If either MS104 or MS105 is present, then the other is required.

6 If MS106 is present, then MS104 is required.

7 If MS107 is present, then MS105 is required.

**Semantic Notes:** 1 MS104 is the longitude expressed in Degrees, Minutes, and Seconds.

2 MS105 is the latitude expressed in Degrees, Minutes, and Seconds.

3 MS106 may only be 'E' or 'W'.

4 MS107 may only be 'N' or 'S'.

**Comments:**

#### Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
R	MS101	19	City Name	X AN 2/30
			Free-form text for city name	
			<i>If TMS, this element is required.</i>	
R	MS102	156	State or Province Code	X ID 2/2
			Code (Standard State/Province) as defined by appropriate government agency	
			<i>If TMS, this element is required.</i>	

**Segment:** **MS2** Equipment or Container Owner and Type

**Position:** 146

**Loop:** 0205 Optional (Recommended)

**Level:**

**Usage:** Optional

**Max Use:** 1

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

**Syntax Notes:** 1 If either MS201 or MS202 is present, then the other is required.

2 If MS204 is present, then MS202 is required.

**Semantic Notes:**

**Comments:** 1 MS203 identifies the type for the equipment specified in MS202.

#### Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
MS201	140	Standard Carrier Alpha Code Standard Carrier Alpha Code	X ID 2/4
MS202	207	Equipment Number Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)	X AN 1/10

**Segment:** **Q7 Lading Exception Code**  
**Position:** 160  
**Loop:** 0200 Optional (Recommended)  
**Level:**  
**Usage:** Optional  
**Max Use:** 10  
**Purpose:** To specify the status of the shipment in terms of lading exception information  
**Syntax Notes:** 1 If Q702 is present, then Q703 is required.  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	Q701	33	<b>Lading Exception Code</b> Code indicating the condition of the shipment A All Short D Damaged E Entire Shipment Refused O Overage P Partial Shipment W Wrong Product	M ID 1/1
	Q702	211	<b>Packaging Form Code</b> Code for packaging form of the lading quantity BAG Bag CTN Carton PCS Pieces PLT Pallet	O ID 3/3
	Q703	80	<b>Lading Quantity</b> Number of units (pieces) of the lading commodity	X N0 1/7



**Segment:** **AT8** Shipment Weight, Packaging and Quantity Data  
**Position:** 200  
**Loop:** 0200 Optional (Recommended)  
**Level:**  
**Usage:** Optional (Recommended)  
**Max Use:** 10  
**Purpose:** To specify shipment details in terms of weight, and quantity of handling units  
**Syntax Notes:** 1 If any of AT801 AT802 or AT803 is present, then all are required.  
 2 If either AT806 or AT807 is present, then the other is required.  
**Semantic Notes:** 1 AT804 is the quantity of handling units that are not unitized (for example a carton).  
 When added to the quantity in AT805, it is the total quantity of handling units in the shipment.  
 2 AT805 is the quantity of handling units that are unitized (for example on a pallet or slip sheet). When added to the quantity in AT804 it is the total quantity of handling units for the shipment.  
**Comments:**  
**Notes:** *This segment and below elements are required by AAFES.*  
*If TMS, elements AT802 and AT803 must be sent.*

**Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
R	AT801	187	<b>Weight Qualifier</b> Code defining the type of weight G Gross Weight N Actual Net Weight	X ID 1/2
R	AT802	188	<b>Weight Unit Code</b> Code specifying the weight unit L Pounds	X ID 1/1
R	AT803	81	<b>Weight</b> Numeric value of weight	X R 1/10
R	AT804	80	<b>Lading Quantity</b> Number of units (pieces) of the lading commodity	O N0 1/7

**Segment:** **SE** Transaction Set Trailer

**Position:** 610

**Loop:**

**Level:**

**Usage:** Mandatory

**Max Use:** 1

**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)

**Syntax Notes:**

**Semantic Notes:**

**Comments:** 1 SE is the last segment of each transaction set.

**Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M N0 1/10
M	SE02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9