Army and Air Force Exchange Service

214 Transportation Carrier Shipment Status Message

Functional Group ID=**QM**

Introduction:

This X12 Transaction Set 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:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
3	0100	ST	Transaction Set Header	M	1		
4	0200	B10	Beginning Segment for Transportation Carrier Shipment Status Message	M	1		
Not Used	0300	MS3	Interline Information	O	12		

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - 1000			999999	
5	0100	LX	Transaction Set Line Number	M	1		
6	0200	L11	Business Instructions and Reference Number	M	999		
Not Used	0300	MAN	Marks and Numbers Information	O	9999		
Not Used	0400	Q7	Lading Exception Status	O	10		
Not Used	0500	K1	Remarks	O	10		
Not Used	0600	AT5	Bill of Lading Handling Requirements	O	10		
7	0700	AT8	Shipment Weight, Packaging and Quantity Data	M	10		
			LOOP ID - 1100			10	
8	0800	AT7	Shipment Status Details	M	1		
Not Used	0900	MS1	Equipment, Shipment, or Real Property Location	O	1		
Not Used	1000	MS2	Equipment or Container Owner and Type	O	2		
Not Used	1100	K1	Remarks	O	1		
Not Used	1200	M7	Seal Numbers	O	1		
			LOOP ID - 1200			5	
10	1300	N1	Party Identification	M	1		
Not Used	1400	N2	Additional Name Information	O	1		
11	1500	N3	Party Location	M	2		
12	1600	N4	Geographic Location	M	1		
Not Used	1700	G62	Date/Time	O	1		n1
Not Used	1800	L11	Business Instructions and Reference Number	O	10		
			LOOP ID - 1300			999999	
Not Used	1900	OID	Order Information Detail	O	1		
Not Used	2000	SDQ	Destination Quantity	O	10		
13	2100	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. The G62 segment shall not be used to report shipment status dates and/or times.

Segment:	**ST** **Transaction Set Header**
Position:	0100
Loop:	
Level:	Heading
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).
	2 The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.
Comments:	
Business Rules:	Variable Name: STST

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
M	ST01	143	**Transaction Set Identifier Code**	M	1	ID 3/3
			Code uniquely identifying a Transaction Set			
			Refer to 005010 Data Element Dictionary for acceptable code values.			
M	ST02	329	**Transaction Set Control Number**	M	1	AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set			

Segment:	**B10** Beginning Segment for Transportation Carrier Shipment Status Message	
Position:	0200	
Loop:		
Level:	Heading	
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.
	4	If either B1008 or B1009 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 in electronic format or key entered by the carrier. A "Y" indicates the carrier utilized the electronic shipper supplied reference information to create this document; an "N" indicates the carrier key entered the reference information from a shipper supplied document.
	3	B1008 is the transaction creation date.
	4	B1009 is the transaction creation time.
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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	B1001	127	**Reference Identification**	M	1	AN 1/50
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
			Carrier's Pro (Invoice number) that identifies the shipment.			
M	B1002	145	**Shipment Identification Number**	M	1	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)			
			Shipment ID Number must match Shipment ID Number (B204) from the 204.			
M	B1003	140	**Standard Carrier Alpha Code**	M	1	ID 4/4
			Standard Carrier Alpha Code			

Segment: $\textbf{LX}$ **Transaction Set Line Number**
Position: 0100
Loop: 1000 Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To reference a line number in a transaction set
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

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

Segment:	**L11** Business Instructions and Reference Number	
Position:	0200	
Loop:	1000	Mandatory
Level:	Detail	
Usage:	Mandatory	
Max Use:	999	
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:	1 L1104 contains data relating to the qualifier cited in L1102.	
	2 L1105 indicates if the reference numbers included in this transmission were transmitted to the carrier in electronic format or key entered by the carrier. A "Y" indicates the carrier utilized the electronic shipper supplied reference information to create this document. A "N" indicates the carrier key entered the reference information from a shipper supplied document.	
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
M	**L1101**	**127**	**Reference Identification**	M	1	**AN 1/50**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
M	**L1102**	**128**	**Reference Identification Qualifier**	M	1	**ID 2/3**
			Code qualifying the Reference Identification			

One to many PO's and one QN (stop sequence) per LX loop.
QN must match the L1101 from the 204.

PO	Purchase Order Number
QN	Stop Sequence Number

Segment:	**AT8** Shipment Weight, Packaging and Quantity Data	
Position:	0700	
Loop:	1000	Mandatory
Level:	Detail	
Usage:	Mandatory	
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:		

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
M	AT801	187	**Weight Qualifier** Code defining the type of weight	M	1	ID 1/2
			G Gross Weight			
M	AT802	188	**Weight Unit Code** Code specifying the weight unit	M	1	ID 1/1
			L Pounds			
M	AT803	81	**Weight** Numeric value of weight	M	1	R 1/10
M	AT804	80	**Lading Quantity** Number of units (pieces) of the lading commodity	M	1	N0 1/7
M	AT806	184	**Volume Unit Qualifier** Code identifying the volume unit	M	1	ID 1/1
			E Cubic Feet			
M	AT807	183	**Volume** Value of volumetric measure	M	1	R 1/8

Segment:	**AT7** Shipment Status Details				
Position:	0800				
Loop:	1100	Mandatory			
Level:	Detail				
Usage:	Mandatory				
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 AT702 is present, then AT701 is required.
3. If AT704 is present, then AT703 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:

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	AT701	1650	**Shipment Status Indicator**	M	1 ID 2/2
			Code indicating the status of a shipment		

Logistics requires that five statuses be sent in this order (X3, AF, X6, X1, D1) for one pick/one drop.   These five required statuses cannot be sent in the same transmission.

> *X3 - Arrived at Pickup (1st status code to be sent)*
> *AF - Departed (2nd status code to be sent)*
> *X6 - En route (3rd status code to be sent)*
> *X1 - Arrived at Destination (4th status code to be sent)*
> *D1 - Final Delivery (5th status code to be sent)*

AF	Carrier Departed Pickup Location with Shipment
D1	Completed Unloading at Delivery Location
SD	Shipment Delayed
X1	Arrived at Delivery Location
X3	Arrived at Pickup Location
X6	En Route to Delivery Location

M	AT702	1651	**Shipment Status or Appointment Reason Code**	M	1 ID 2/2

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

A1	Missed Delivery
AD	Customer Requested Future Delivery
AF	Accident
AH	Driver Related
AI	Mechanical Breakdown
AL	Previous Stop
AM	Shipper Related
AN	Holiday - Closed
AO	Weather or Natural Disaster Related
B1	Consignee Closed

			B8	Improper Unloading Facility or Equipment		
			BC	Missing Documents		
			BE	Road Conditions		
			BH	Insufficient Time to Complete Delivery		
			BQ	Shipment Overweight		
			BS	Refused by Customer		
			BT	Returned to Shipper		
			D1	Carrier Dispatch Error		
			D2	Driver Not Available		
			HB	Held Pending Appointment		
			NS	Normal Status		
			P1	Processing Delay		
			RC	Reconsigned		
			S1	Delivery Shortage		
			T3	Trailer not Available		
			T5	Trailer Class Not Available		
			T7	Insufficient Delivery Time		
M	**AT705**	**373**	**Date**		**M**	**1 DT 8/8**

Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

M	**AT706**	**337**	**Time**		**M**	**1 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)

M	**AT707**	**623**	**Time Code**		**M**	**1 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

    LT   Local Time

Segment:	**N1** Party Identification					
Position:	1300					
Loop:	1200	Mandatory				
Level:	Detail					
Usage:	Mandatory					
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

	Ref. Des.	Data Element	Name		Attributes	
M	**N101**	**98**	**Entity Identifier Code**	**M**	**1**	**ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual			
			CN	Consignee		
			CS	Consolidator		
			DT	Destination Terminal		
			OT	Origin Terminal		
			SF	Ship From		
			SH	Shipper		
			ST	Ship To		
M	**N102**	**93**	**Name**	**M**	**1**	**AN 1/60**
			Free-form name			

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Segment:	**N3** Party Location		
Position:	1500		
Loop:	1200	Mandatory	
Level:	Detail		
Usage:	Mandatory		
Max Use:	2		
Purpose:	To specify the location of the named party		
Syntax Notes:			
Semantic Notes:			
Comments:			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	N301	166	**Address Information**	M	1	AN 1/55
			Address information			

Segment:	**N4** **Geographic Location**
Position:	1600
Loop:	1200 Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	1 Only one of N402 or N407 may be present.
	2 If N406 is present, then N405 is required.
	3 If N407 is present, then N404 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

	Ref. Des.	Data Element	Name		Attributes	
M	N401	19	**City Name**	M	1	**AN 2/30**
			Free-form text for city name			
M	N402	156	**State or Province Code**	M	1	**ID 2/2**
			Code (Standard State/Province) as defined by appropriate government agency			
M	N403	116	**Postal Code**	M	1	**ID 3/15**
			Code defining international postal zone code excluding punctuation and blanks (zip code for United States)			
M	N404	26	**Country Code**	M	1	**ID 2/3**
			Code identifying the country			

	Segment:	**SE** Transaction Set Trailer
	Position:	2100
	Loop:	
	Level:	Detail
	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

	Ref. Des.	Data Element	Name	Attributes
M	**SE01**	**96**	**Number of Included Segments** Total number of segments included in a transaction set including ST and SE segments	**M** **1** **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** **1** **AN 4/9**