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.

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	010	ST	Transaction Set Header	M	1		
M	020	B10	Beginning Segment for Transportation Carrier Shipment Status Message	M	1		
M	030	L11	Business Instructions and Reference Number	M	300		
M	033	L11	Business Instructions and Reference Number	M	1		
	034	L11	Business Instructions and Reference Number	C	1		
			LOOP ID - 0100			10	
M	050	N1	Name	M	1		
	060	N2	Additional Name Information	O	1		
M	070	N3	Address Information	M	2		
M	080	N4	Geographic Location	M	1		
			LOOP ID - 0100			10	
M	050	N1	Name	M	1		
	060	N2	Additional Name Information	O	1		
M	070	N3	Address Information	M	2		
M	080	N4	Geographic Location	M	1		
			LOOP ID - 0200			999999	
M	130	LX	Assigned Number	M	1		
			LOOP ID - 0205			10	
M	140	AT7	Shipment Status Details	M	1		
M	143	MS1	Equipment, Shipment, or Real Property Location	M	1		
M	146	MS2	Equipment or Container Owner and Type	M	1		
			LOOP ID - 0205			10	
M	140	AT7	Shipment Status Details	M	1		
M	143	MS1	Equipment, Shipment, or Real Property Location	M	1		
M	146	MS2	Equipment or Container Owner and Type	M	1		
M	173	L11	Business Instructions and Reference Number	M	1		
M	200	AT8	Shipment Weight, Packaging and Quantity Data	M	10		
M	610	SE	Transaction Set Trailer	M	1		

	Segment:	**ST** Transaction Set Header	

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

	Ref. Des.	Data Element	Name	Attributes
M	ST01	143	**Transaction Set Identifier Code**	M ID 3/3
			Code uniquely identifying a Transaction Set	
			Mandatory:	
			214	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
M	ST02	329	**Transaction Set Control Number**	M 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: 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.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	B1001	127	**Reference Identification**	M	**AN 1/30**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
M	B1002	145	**Shipment Identification Number**	M	**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) **Note:**		
			Shipper Tracking Number		
M	B1003	140	**Standard Carrier Alpha Code**	M	**ID 2/4**
			Standard Carrier Alpha Code **Note:**		
			Shipping carrier's SCAC code		
X	B1004	71	**Inquiry Request Number**	O	**N0 1/3**
X	B1005	128	**Reference Identification Qualifier**	X	**ID 2/3**
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	B1006	127	**Reference Identification**	X	**AN 1/30**
X	B1007	1073	**Yes/No Condition or Response Code**	O	**ID 1/1**
			Refer to 004010 Data Element Dictionary for acceptable code values.		

			Segment:	**L11** Business Instructions and Reference Number

Segment: **L11** Business Instructions and Reference Number

Position: 030
Loop:
Level:
Usage: Mandatory
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:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	L1101	127	**Reference Identification**	M AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
			Mandatory:	
			L11 01 from 204 with L11 02=BM	
M	L1102	128	**Reference Identification Qualifier**	M ID 2/3
			Code qualifying the Reference Identification	
			Mandatory:	
			hardcode value "BM" BILL OF LADING NUMBER	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
X	L1103	352	**Description**	O AN 1/80

Segment: # L11 Business Instructions and Reference Number

Position: 033
Loop:
Level:
Usage: Mandatory
Max Use: 1
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:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	L1101	127	**Reference Identification**	M	AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Note:

L11 01 from 204 with L11 02=PO

M	L1102	128	**Reference Identification Qualifier**	M	ID 2/3

Code qualifying the Reference Identification

Mandatory:

hardcode value "PO" for PURCHASE ORDER NUMBER

Refer to 004010 Data Element Dictionary for acceptable code values.

X	L1103	352	**Description**	X	AN 1/80

Segment:	**L11** Business Instructions and Reference Number
Position:	034
Loop:	
Level:	
Usage:	Conditional
Max Use:	1
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:	**Note**

Mandatory if provided in 204.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
	L1101	**127**	**Reference Identification**	**C**	**AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier
Note:

B2 04 from 204 i.e. "LHLTBID0108508091310M001"

	L1102	**128**	**Reference Identification Qualifier**	**C**	**ID 2/3**

Code qualifying the Reference Identification
Mandatory:

hardcode value "OD" ORIGINAL RETURN REQUEST REFERENCE NUMBER

Refer to 004010 Data Element Dictionary for acceptable code values.

X	**L1103**	**352**	**Description**	**X**	**AN 1/80**

Segment:	**N1** Name				
Position:	050				
Loop:	0100	Mandatory			
Level:					
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	ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual		
			Mandatory:		
			hardcode value "SF" SHIP FROM or "SH" SHIPPER LOCATION		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
M	N102	93	**Name**	M	AN 1/60
			Free-form name		
X	N103	66	**Identification Code Qualifier**	X	ID 1/2
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	N104	67	**Identification Code**	X	AN 2/80
X	N105	706	**Entity Relationship Code**	O	ID 2/2
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	N106	98	**Entity Identifier Code**	O	ID 2/3
			Refer to 004010 Data Element Dictionary for acceptable code values.		

Segment: # N2 Additional Name Information

Position: 060
Loop: 0100   Mandatory
Level:
Usage: Optional
Max Use: 1
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
N201	**93**	**Name**	**O AN 1/60**
		Free-form name	
N202	**93**	**Name**	**O AN 1/60**
		Free-form name	

			Segment:	**N3** Address Information

Segment: **N3** Address Information
Position: 070
Loop: 0100   Mandatory
Level:
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	AN 1/55
			Address information		
	N302	166	**Address Information**	O	AN 1/55
			Address information		

Segment: # N4 Geographic Location

Position:	080
Loop:	0100 Mandatory
Level:	
Usage:	Mandatory
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

	Ref. Des.	Data Element	Name	Attributes	
M	N401	19	**City Name**	M	**AN 2/30**
			Free-form text for city name		
M	N402	156	**State or Province Code**	M	**ID 2/2**
			Code (Standard State/Province) as defined by appropriate government agency		
M	N403	116	**Postal Code**	M	**ID 3/15**
			Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
M	N404	26	**Country Code**	M	**ID 2/3**
			Code identifying the country		
X	N405	309	**Location Qualifier**	X	**ID 1/2**
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	N406	310	**Location Identifier**	O	**AN 1/30**

Segment: # N1 Name

Position:	050
Loop:	0100 Mandatory
Level:	
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	ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual		
			Note:		
			hardcode value "DA" DELIVERY ADDRESS, "ST" SHIP TO or "CN" CONSIGNEE		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
M	N102	93	**Name**	M	AN 1/60
			Free-form name		
X	N103	66	**Identification Code Qualifier**	X	ID 1/2
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	N104	67	**Identification Code**	X	AN 2/80
X	N105	706	**Entity Relationship Code**	O	ID 2/2
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	N106	98	**Entity Identifier Code**	O	ID 2/3
			Refer to 004010 Data Element Dictionary for acceptable code values.		

Segment: **N2** **Additional Name Information**
Position: 060
Loop: 0100   Mandatory
Level:
Usage: Optional
Max Use: 1
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
N201	**93**	**Name**	**O** **AN 1/60**
		Free-form name	
N202	**93**	**Name**	**O** **AN 1/60**
		Free-form name	

Segment: **N3** **Address Information**

Position: 070
Loop: 0100   Mandatory
Level:
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	**AN 1/55**
			Address information		
	N302	166	**Address Information**	O	**AN 1/55**
			Address information		

Segment: # N4 Geographic Location

Position:	080
Loop:	0100 Mandatory
Level:	
Usage:	Mandatory
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

	Ref. Des.	Data Element	Name		Attributes
M	N401	19	**City Name**	M	AN 2/30
			Free-form text for city name		
M	N402	156	**State or Province Code**	M	ID 2/2
			Code (Standard State/Province) as defined by appropriate government agency		
M	N403	116	**Postal Code**	M	ID 3/15
			Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
M	N404	26	**Country Code**	M	ID 2/3
			Code identifying the country		
X	N405	309	**Location Qualifier**	X	ID 1/2
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	N406	310	**Location Identifier**	O	AN 1/30

Segment: **LX** Assigned Number
Position: 130
Loop: 0200   Mandatory
Level:
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 N0 1/6
		Number assigned for differentiation within a transaction set	

	Segment:	**AT7** Shipment Status Details

Position:	140
Loop:	0205 Mandatory
Level:	
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 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:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	AT701	1650	**Shipment Status Code**	M ID 2/2

Code indicating the status of a shipment

Note:

"A3","Shipment Returned to Shipper",,,,
"A7","Refused by Consignee",,,,
"A9","Shipment Damaged",,,,
"AF","Carrier Departed Pick-up Location with Shipment",,,,
"AG","Estimated Delivery",,,,
"AH","Attempted Delivery",,,,
"AI","Shipment has been Reconsigned",,,,
"AJ","Tendered for Delivery",,,,
"AM","Loaded on Truck",,,,
"AN","Diverted to Air Carrier",,,,
"AP","Delivery Not Completed",,,,
"AR","Rail Arrival at Destination Intermodal Ramp",,,,
"AV","Available for Delivery",,,,
"B6","Estimated to Arrive at Carrier Terminal",,,,
"BA","Connecting Line or Cartage Pick-up",,,,
"BC","Storage in Transit",,,,
"C1","Estimated to Depart Terminal Location",,,,
"CA","Shipment Cancelled",,,,
"CD","Carrier Departed Delivery Location",,,,
"CL","Trailer Closed Out",,,,
"CP","Completed Loading at Pick-up Location",,,,
"D1","Completed Unloading at Delivery Location",,,,
"I1","In-Gate",,,,
"J1","Delivered to Connecting Line",,,,
"K1","Arrived at Customs",,,,
"L1","Loading",,,,
"OA","Out-Gate",,,,
"OO","Paperwork Received - Did not Receive Shipment or Equipment",,,,
"P1","Departed Terminal Location",,,,
"PR","U.S. Customs Hold at In-Bond 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",,,,
"X2","Estimated Date and/or Time of Arrival at Consignee's Location",,,,
"X3","Arrived at Pick-up Location",,,,
"X4","Arrived at Terminal Location",,,,
"X5","Arrived at Delivery Location Loading Dock",,,,
"X6","En Route to Delivery Location",,,,
"X8","Arrived at Pick-up Location Loading Dock",,,,
"XB","Shipment Acknowledged",,,,

Refer to 004010 Data Element Dictionary for acceptable code values.

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

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

hard code value "NS" NORMAL STATUS

Refer to 004010 Data Element Dictionary for acceptable code values.

| | AT703 | 1652 | **Shipment Appointment Status Code** | **O** | **ID 2/2** |

Code indicating the status of an appointment to pick-up or deliver a shipment

Refer to 004010 Data Element Dictionary for acceptable code values.

| | AT704 | 1651 | **Shipment Status or Appointment Reason Code** | **O** | **ID 2/2** |

Code indicating the reason a shipment status or appointment reason was transmitted
Refer to 004010 Data Element Dictionary for acceptable code values.

| M | AT705 | 373 | **Date** | **M** | **DT 8/8** |

Date expressed as CCYYMMDD
Mandatory:

YYYYMMDD format

| M | AT706 | 337 | **Time** | **M** | **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)
Mandatory:

HHMM format

| | 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
Mandatory:

hard code

"ET" EASTERN TIME
"CT" CENTRAL TIME
"MT" MOUNTAIN TIME
"WT" WESTERN TIME
Refer to 004010 Data Element Dictionary for acceptable code values.

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

Segment: MS1 Equipment, Shipment, or Real Property Location
Position: 143
Loop: 0205 Mandatory
Level:
Usage: Mandatory
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

	Ref. Des.	Data Element	Name		Attributes
M	MS101	19	**City Name**	M	AN 2/30
			Free-form text for city name		
			Note:		
			Event City		
M	MS102	156	**State or Province Code**	M	ID 2/2
			Code (Standard State/Province) as defined by appropriate government agency		
			Note:		
			Event State		
M	MS103	26	**Country Code**	M	ID 2/3
			Code identifying the country		
X	MS104	1654	**Longitude Code**	X	ID 7/7
X	MS105	1655	**Latitude Code**	X	ID 7/7
X	MS106	1280	**Direction Identifier Code**	O	ID 1/1
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	MS107	1280	**Direction Identifier Code**	O	ID 1/1
			Refer to 004010 Data Element Dictionary for acceptable code values.		

Segment:	**MS2** Equipment or Container Owner and Type				
Position:	146				
Loop:	0205	Mandatory			
Level:					
Usage:	Mandatory				
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

	Ref. Des.	Data Element	Name		Attributes
M	MS201	140	**Standard Carrier Alpha Code**	M	ID 2/4
			Standard Carrier Alpha Code		
			Note:		
			Container's prefix letters		
M	MS202	207	**Equipment Number**	M	AN 1/10
			Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)		
			Note:		
			Container's numbers		
	MS203	40	**Equipment Description Code**	O	ID 2/2
			Code identifying type of equipment used for shipment		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	MS204	761	**Equipment Number Check Digit**	O	N0 1/1
			Number which designates the check digit applied to a piece of equipment		

	Segment:	**AT7** Shipment Status Details		

Position:	140
Loop:	0205 Mandatory
Level:	
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 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:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**AT701**	**1650**	**Shipment Status Code**	**M**	**ID 2/2**

Code indicating the status of a shipment

Note:

"X2", "Estimated Date and Time to Arrival at Consignee's Location"
or
"AG","Estimated Delivery"

Refer to 004010 Data Element Dictionary for acceptable code values.

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

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

Note:

hard code value "NS" NORMAL STATUS

Refer to 004010 Data Element Dictionary for acceptable code values.

	AT703	**1652**	**Shipment Appointment Status Code**	**O**	**ID 2/2**

Code indicating the status of an appointment to pick-up or deliver a shipment

Refer to 004010 Data Element Dictionary for acceptable code values.

	AT704	**1651**	**Shipment Status or Appointment Reason Code**	**O**	**ID 2/2**

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

Refer to 004010 Data Element Dictionary for acceptable code values.

M	**AT705**	**373**	**Date**	**M**	**DT 8/8**

Date expressed as CCYYMMDD

Mandatory:

YYYYMMDD format

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

Mandatory:

HHMM format

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
Mandatory:

hard code

"ET" EASTERN TIME
"CT" CENTRAL TIME
"MT" MOUNTAIN TIME
"WT" WESTERN TIME

Refer to 004010 Data Element Dictionary for acceptable code values.

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

Segment: **MS1** Equipment, Shipment, or Real Property Location
Position: 143
Loop: 0205   Mandatory
Level:
Usage: Mandatory
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

	Ref. Des.	Data Element	Name		Attributes
M	MS101	19	**City Name**	M	AN 2/30
			Free-form text for city name		
			Note:		
			Event City		
M	MS102	156	**State or Province Code**	M	ID 2/2
			Code (Standard State/Province) as defined by appropriate government agency		
			Note:		
			Event State		
M	MS103	26	**Country Code**	M	ID 2/3
			Code identifying the country		
X	MS104	1654	**Longitude Code**	X	ID 7/7
X	MS105	1655	**Latitude Code**	X	ID 7/7
X	MS106	1280	**Direction Identifier Code**	O	ID 1/1
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	MS107	1280	**Direction Identifier Code**	O	ID 1/1
			Refer to 004010 Data Element Dictionary for acceptable code values.		

Segment:		**MS2** Equipment or Container Owner and Type			
Position:		146			
Loop:		0205	Mandatory		
Level:					
Usage:		Mandatory			
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

	Ref. Des.	Data Element	Name	Attributes	
M	MS201	140	**Standard Carrier Alpha Code**	**M**	**ID 2/4**
			Standard Carrier Alpha Code		
			Note:		
			Container's prefix letters		
M	MS202	207	**Equipment Number**	**M**	**AN 1/10**
			Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)		
			Note:		
			Container's numbers		
	MS203	40	**Equipment Description Code**	**O**	**ID 2/2**
			Code identifying type of equipment used for shipment		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	MS204	761	**Equipment Number Check Digit**	**O**	**N0 1/1**
			Number which designates the check digit applied to a piece of equipment		

Segment: # L11 Business Instructions and Reference Number

Position: 173
Loop: 0200   Mandatory
Level:
Usage: Mandatory
Max Use: 1
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:

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	L1101	127	**Reference Identification**	M	AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Note:

Name of who signed for package

M	L1102	128	**Reference Identification Qualifier**	M	ID 2/3

Code qualifying the Reference Identification

Mandatory:

hardcode value "YN" RECEIVER ID QUALIFIER

Refer to 004010 Data Element Dictionary for acceptable code values.

	L1103	352	**Description**	O	AN 1/80

A free-form description to clarify the related data elements and their content

| | | | Segment: | **AT8** Shipment Weight, Packaging and Quantity Data |

Segment:	**AT8** Shipment Weight, Packaging and Quantity Data
Position:	200
Loop:	0200 Mandatory
Level:	
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**	M	ID 1/2
			Code defining the type of weight		
			Note:		
			hardcode "G" GROSS WEIGHT		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
M	AT802	188	**Weight Unit Code**	M	ID 1/1
			Code specifying the weight unit		
			Note:		
			hardcode "L" POUNDS		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
M	AT803	81	**Weight**	M	R 1/10
			Numeric value of weight		
	AT804	80	**Lading Quantity**	O	N0 1/7
			Number of units (pieces) of the lading commodity		
	AT805	80	**Lading Quantity**	O	N0 1/7
			Number of units (pieces) of the lading commodity		
	AT806	184	**Volume Unit Qualifier**	O	ID 1/1
			Code identifying the volume unit		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	AT807	183	**Volume**	X	R 1/8

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

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