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.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	0100	ST	Transaction Set Header	M	1		
M	0200	B10	Beginning Segment for Transportation Carrier Shipment Status Message	M	1		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - 1000			999999	
M	0100	LX	Assigned Number	M	1		
M	0200	L11	Business Instructions and Reference Number	M	10		
M	0250	L11	Business Instructions and Reference Number	M	1		
	0275	L11	Business Instructions and Reference Number	C	1		
M	0500	AT8	Shipment Weight, Packaging and Quantity Data	M	1		
			LOOP ID - 1100			10	
M	0800	AT7	Shipment Status Details	M	1		
M	0900	MS1	Equipment, Shipment, or Real Property Location	M	1		
M	1000	MS2	Equipment or Container Owner and Type	M	2		
			LOOP ID - AT7			1	
M	1250	AT7	Shipment Status Details	M	1		
M	1275	MS1	Equipment, Shipment, or Real Property Location	M	1		
M	1288	MS2	Equipment or Container Owner and Type	M	1		
			LOOP ID - 1200			5	
M	1300	N1	Name	M	1		
	1400	N2	Additional Name Information	O	1		
M	1500	N3	Address Information	M	2		
M	1600	N4	Geographic Location	M	1		
			LOOP ID - N1			1	
M	1850	N1	Name	M	1		
	1875	N2	Additional Name Information	O	1		
M	1888	N3	Address Information	M	1		
M	1894	N4	Geographic Location	M	1		
M	1897	L11	Business Instructions and Reference Number	M	1		
M	1899	L11	Business Instructions and Reference Number	M	1		
M	2100	SE	Transaction Set Trailer	M	1		

Segment:		**ST** Transaction Set Header				

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.
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 004030 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			
X	ST03	1705	**Implementation Convention Reference**	O	1	AN 1/35

	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 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.
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			
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)			
			Shipper Tracking Number			
M	B1003	140	**Standard Carrier Alpha Code**	M	1	ID 2/4
			Standard Carrier Alpha Code			
			Shipping carrier's SCAC code			
	B1004	71	**Inquiry Request Number**	O	1	N0 1/3
			Identifying number assigned by inquirer			
	B1005	128	**Reference Identification Qualifier**	X	1	ID 2/3
			Code qualifying the Reference Identification			
			Refer to 004030 Data Element Dictionary for acceptable code values.			
	B1006	127	**Reference Identification**	X	1	AN 1/50
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
	B1007	1073	**Yes/No Condition or Response Code**	O	1	ID 1/1
			Code indicating a Yes or No condition or response			
			Refer to 004030 Data Element Dictionary for acceptable code values.			
	B1008	373	**Date**	X	1	DT 8/8
			Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year			
	B1009	337	**Time**	X	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)

Segment: # LX Assigned 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

Segment: **L11** Business Instructions and Reference Number
Position: 0200
Loop: 1000   Mandatory
Level: Detail
Usage: Mandatory
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:

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			
			L11 01 from 204 with L11 02=BM			
M	L1102	128	**Reference Identification Qualifier**	M	1	ID 2/3
			Code qualifying the Reference Identification			
			hardcode value "BM" BILL OF LADING NUMBER			
			Refer to 004030 Data Element Dictionary for acceptable code values.			
	L1103	352	**Description**	O	1	AN 1/80
			A free-form description to clarify the related data elements and their content			
	L1104	373	**Date**	O	1	DT 8/8
			Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year			

Segment: # L11 Business Instructions and Reference Number

Position:	0250
Loop:	1000 Mandatory
Level:	Detail
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	1	AN 1/50
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
			L11 01 from 204 with L11 02=PO			
M	L1102	128	**Reference Identification Qualifier**	M	1	ID 2/3
			Code qualifying the Reference Identification			
			hardcode value "PO" for PURCHASE ORDER NUMBER			
			Refer to 004030 Data Element Dictionary for acceptable code values.			
	L1103	352	**Description**	O	1	AN 1/80
			A free-form description to clarify the related data elements and their content			
	L1104	373	**Date**	O	1	DT 8/8
			Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year			

Segment:	**L11** Business Instructions and Reference Number
Position:	0275
Loop:	1000 Mandatory
Level:	Detail
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:	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
L1101	**127**	**Reference Identification**	C	1	AN 1/50
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
		B2 04 from 204 i.e. "LHLTBID0108508091310M001"			
L1102	**128**	**Reference Identification Qualifier**	C	1	ID 2/3
		Code qualifying the Reference Identification			
		hardcode value "OD" ORIGINAL RETURN REQUEST REFERENCE NUMBER			
		Refer to 004030 Data Element Dictionary for acceptable code values.			
L1103	**352**	**Description**	O	1	AN 1/80
		A free-form description to clarify the related data elements and their content			
L1104	**373**	**Date**	O	1	DT 8/8
		Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year			

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

Position:	0500
Loop:	1000 Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
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	1	ID 1/2	
			Code defining the type of weight				
			hardcode "G" GROSS WEIGHT				
			Refer to 004030 Data Element Dictionary for acceptable code values.				
M	AT802	188	**Weight Unit Code**	M	1	ID 1/1	
			Code specifying the weight unit				
			hardcode "L" POUNDS				
			Refer to 004030 Data Element Dictionary for acceptable code values.				
M	AT803	81	**Weight**	M	1	R 1/10	
			Numeric value of weight				
	AT804	80	**Lading Quantity**	O	1	N0 1/7	
			Number of units (pieces) of the lading commodity				
	AT805	80	**Lading Quantity**	O	1	N0 1/7	
			Number of units (pieces) of the lading commodity				
	AT806	184	**Volume Unit Qualifier**	X	1	ID 1/1	
			Code identifying the volume unit				
			Refer to 004030 Data Element Dictionary for acceptable code values.				
	AT807	183	**Volume**	X	1	R 1/8	
			Value of volumetric measure				

	Segment:		**AT7** Shipment Status Details

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 Code**	M	1 ID 2/2

Code indicating the status of a shipment

"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",,,,
"CB","Completed Shipment","The final part of a partial shipment was delivered to the customer",,,
"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",,,,
"PA","Partial Shipment","Only a portion of the handling units for the shipment was delivered to the customer",,,
"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 004030 Data Element Dictionary for acceptable code values.

| 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

hard code value "NS" NORMAL STATUS

Refer to 004030 Data Element Dictionary for acceptable code values.

| | AT703 | 1652 | **Shipment Appointment Status Code** | **O** | **1** | **ID 2/2** |

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

Refer to 004030 Data Element Dictionary for acceptable code values.

| | AT704 | 1651 | **Shipment Status or Appointment Reason Code** | **O** | **1** | **ID 2/2** |

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

Refer to 004030 Data Element Dictionary for acceptable code values.

| M | AT705 | 373 | **Date** | **M** | **1** | **DT 8/8** |

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

YYYYMMDD format

| 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)

HHMM format

| | AT707 | 623 | **Time Code** | **O** | **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

hard code

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

Refer to 004030 Data Element Dictionary for acceptable code values.

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

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

Position:	0900
Loop:	1100 Mandatory
Level:	Detail
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 or postal code
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.
	8 If MS108 is present, then MS101 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	1	AN 2/30
			Free-form text for city name			
			Event City			
M	MS102	156	**State or Province Code**	M	1	ID 2/2
			Code (Standard State/Province) as defined by appropriate government agency			
			Event State			
	MS103	26	**Country Code**	X	1	ID 2/3
			Code identifying the country			
	MS104	1654	**Longitude Code**	X	1	ID 7/7
			Code indicating the longitude in degrees (3 positions), minutes (2 positions), and seconds (2 positions)			
	MS105	1655	**Latitude Code**	X	1	ID 7/7
			Code indicating the latitude in degrees (3 positions), minutes (2 positions), seconds (2 positions)			
	MS106	1280	**Direction Identifier Code**	O	1	ID 1/1
			Code identifying geographic direction			
			Refer to 004030 Data Element Dictionary for acceptable code values.			
	MS107	1280	**Direction Identifier Code**	O	1	ID 1/1
			Code identifying geographic direction			
			Refer to 004030 Data Element Dictionary for acceptable code values.			
	MS108	116	**Postal Code**	O	1	ID 3/15
			Code defining international postal zone code excluding punctuation and blanks (zip code for United States)			

Segment:		**MS2** Equipment or Container Owner and Type				
Position:		1000				
Loop:		1100	Mandatory			
Level:		Detail				
Usage:		Mandatory				
Max Use:		2				
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	1	ID 2/4
			Standard Carrier Alpha Code			
			Container's prefix letters			
M	MS202	207	**Equipment Number**	M	1	AN 1/10
			Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)			
			Container's numbers			
	MS203	40	**Equipment Description Code**	O	1	ID 2/2
			Code identifying type of equipment used for shipment			
			Refer to 004030 Data Element Dictionary for acceptable code values.			
	MS204	761	**Equipment Number Check Digit**	O	1	N0 1/1
			Number which designates the check digit applied to a piece of equipment			

Segment:	**AT7** Shipment Status Details

Position: 1250
Loop: AT7   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 Code**	M	1	ID 2/2
			Code indicating the status of a shipment			
			"X2", "Estimated Date and Time to Arrival at Consignee's Location" or "AG","Estimated Delivery"			
			Refer to 004030 Data Element Dictionary for acceptable code values.			
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			
			hard code value "NS" NORMAL STATUS			
			Refer to 004030 Data Element Dictionary for acceptable code values.			
	AT703	1652	**Shipment Appointment Status Code**	X	1	ID 2/2
			Code indicating the status of an appointment to pick-up or deliver a shipment			
			Refer to 004030 Data Element Dictionary for acceptable code values.			
	AT704	1651	**Shipment Status or Appointment Reason Code**	O	1	ID 2/2
			Code indicating the reason a shipment status or appointment reason was transmitted			
			Refer to 004030 Data Element Dictionary for acceptable code values.			
M	AT705	373	**Date**	M	1	DT 8/8
			Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year			
			YYYYMMDD format			
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)			
			HHMM format			
	AT707	623	**Time Code**	O	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
hard code

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

Refer to 004030 Data Element Dictionary for acceptable code values.

	Segment:	**MS1** Equipment, Shipment, or Real Property Location
	Position:	1275
	Loop:	AT7 Mandatory
	Level:	Detail
	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 or postal code

	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.
		8	If MS108 is present, then MS101 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	1	AN 2/30
			Free-form text for city name			
			Event City			
M	MS102	156	State or Province Code	M	1	ID 2/2
			Code (Standard State/Province) as defined by appropriate government agency			
			Event State			
	MS103	26	Country Code	X	1	ID 2/3
			Code identifying the country			
	MS104	1654	Longitude Code	X	1	ID 7/7
			Code indicating the longitude in degrees (3 positions), minutes (2 positions), and seconds (2 positions)			
	MS105	1655	Latitude Code	X	1	ID 7/7
			Code indicating the latitude in degrees (3 positions), minutes (2 positions), seconds (2 positions)			
	MS106	1280	Direction Identifier Code	O	1	ID 1/1
			Code identifying geographic direction			
			Refer to 004030 Data Element Dictionary for acceptable code values.			
	MS107	1280	Direction Identifier Code	O	1	ID 1/1
			Code identifying geographic direction			
			Refer to 004030 Data Element Dictionary for acceptable code values.			
	MS108	116	Postal Code	O	1	ID 3/15
			Code defining international postal zone code excluding punctuation and blanks (zip code for United States)			

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

Segment: **MS2** Equipment or Container Owner and Type
Position: 1288
Loop: AT7   Mandatory
Level: Detail
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	1	ID 2/4
			Standard Carrier Alpha Code			
			Container's prefix letters			
M	**MS202**	**207**	**Equipment Number**	M	1	AN 1/10
			Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)			
			Container's numbers			
	MS203	**40**	**Equipment Description Code**	O	1	ID 2/2
			Code identifying type of equipment used for shipment			
			Refer to 004030 Data Element Dictionary for acceptable code values.			
	MS204	**761**	**Equipment Number Check Digit**	O	1	N0 1/1
			Number which designates the check digit applied to a piece of equipment			

	Segment:	**N1** Name

Segment: **N1** Name

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			
			hardcode value "SF" SHIP FROM or "SH" SHIPPER LOCATION			
			Refer to 004030 Data Element Dictionary for acceptable code values.			
M	N102	93	**Name**	M	1	**AN 1/60**
			Free-form name			
X	N103	66	**Identification Code Qualifier**	X	1	**ID 1/2**
			Refer to 004030 Data Element Dictionary for acceptable code values.			
X	N104	67	**Identification Code**	X	1	**AN 2/80**
X	N105	706	**Entity Relationship Code**	O	1	**ID 2/2**
			Refer to 004030 Data Element Dictionary for acceptable code values.			
X	N106	98	**Entity Identifier Code**	O	1	**ID 2/3**
			Refer to 004030 Data Element Dictionary for acceptable code values.			

Segment: # N2 Additional Name Information

Position: 1400
Loop: 1200 Mandatory
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify additional names
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

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

Segment: # N3 Address Information

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** Address information	M	1 AN 1/55
	N302	166	**Address Information** Address information	O	1 AN 1/55

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			
X	N405	309	**Location Qualifier**	X	1	ID 1/2
			Refer to 004030 Data Element Dictionary for acceptable code values.			
X	N406	310	**Location Identifier**	O	1	AN 1/30
X	N407	1715	**Country Subdivision Code**	X	1	ID 1/3

Segment: # N1 Name

Position: 1850
Loop: N1   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			
			hardcode value "DA" DELIVERY ADDRESS, "ST" SHIP TO or "CN" CONSIGNEE			
			Refer to 004030 Data Element Dictionary for acceptable code values.			
M	N102	93	**Name**	M	1	AN 1/60
			Free-form name			
X	N103	66	**Identification Code Qualifier**	X	1	ID 1/2
			Refer to 004030 Data Element Dictionary for acceptable code values.			
X	N104	67	**Identification Code**	X	1	AN 2/80
X	N105	706	**Entity Relationship Code**	O	1	ID 2/2
			Refer to 004030 Data Element Dictionary for acceptable code values.			
X	N106	98	**Entity Identifier Code**	O	1	ID 2/3
			Refer to 004030 Data Element Dictionary for acceptable code values.			

Segment: # N2 Additional Name Information

Position: 1875
Loop: N1   Mandatory
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify additional names
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

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

			Segment:	**N3** Address Information

Segment: **N3** Address Information
Position: 1888
Loop: N1   Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
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				
	N302	166	**Address Information**	O	1	AN 1/55	
			Address information				

Segment:	**N4** Geographic Location					

Segment: **N4** Geographic Location

Position:	1894
Loop:	N1 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			
X	N405	309	**Location Qualifier**	O	1	**ID 1/2**
			Refer to 004030 Data Element Dictionary for acceptable code values.			
X	N406	310	**Location Identifier**	O	1	**AN 1/30**
X	N407	1715	**Country Subdivision Code**	O	1	**ID 1/3**

	Segment:	**L11** Business Instructions and Reference Number
	Position:	1897
	Loop:	N1 Mandatory
	Level:	Detail
	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	1	**AN 1/50**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
			Name of who signed for package			
M	L1102	128	**Reference Identification Qualifier**	M	1	**ID 2/3**
			Code qualifying the Reference Identification			
			hardcode value "YN" RECEIVER ID QUALIFIER			
			Refer to 004030 Data Element Dictionary for acceptable code values.			
	L1103	352	**Description**	X	1	**AN 1/80**
			A free-form description to clarify the related data elements and their content			
	L1104	373	**Date**	O	1	**DT 8/8**
			Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year			

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

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

Position: 1899
Loop: N1   Mandatory
Level: Detail
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	1	**AN 1/50**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
			Driver's notes on package location at Delivery Location			
M	L1102	128	**Reference Identification Qualifier**	M	1	**ID 2/3**
			Code qualifying the Reference Identification			
			hardcode value "KK" DELIVERY REFERENCE			
			Refer to 004030 Data Element Dictionary for acceptable code values.			
	L1103	352	**Description**	X	1	**AN 1/80**
			A free-form description to clarify the related data elements and their content			
	L1104	373	**Date**	O	1	**DT 8/8**
			Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year			

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**	M	1	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	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			