Transportation Carrier Shipment Status Message

ANSI X12 214 Version 4010

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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.

Not Defined:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
	ISA	Interchange Control Header	M	1		Must Use
	GS	Functional Group Header	M	1		Must Use

Header:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
010	ST	Transaction Set Header	M	1		Must Use
020	B10	Beginning Segment for Transportation Carrier Shipment Status Message	M	1		Must Use
030	L11	Business Instructions and Reference Number	O	300		Used
040	K1	Remarks	O	10		Used
		LOOP ID – N1			10	
050	N1	Name	M	1		Must Use
070	N3	Address Information	O	2		Used
080	N4	Geographic Location	O	1		Used
120	MS3	Interline Information	O	12		Used
		LOOP ID – LX			999999	
130	LX	Assigned Number	M	1		Must Use
		LOOP ID – AT7			10	
140	AT7	Shipment Status Details	M	1		Used
143	MS1	Equipment, Shipment, or Real Property Location	O	1		Used
146	MS2	Equipment or Container Owner and Type	O	1		Used
150	L11	Business Instructions and Reference Number	O	10		Used
200	AT8	Shipment Weight, Packaging and Quantity Data	O	10		Used
		LOOP ID – CD3			999999	
210	CD3	Carton (Package) Detail	M	1		Used
020	SE	Transaction Set Trailer	M	1		Must Use

Not Defined:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
	GE	Functional Group Trailer	M	1		
	IEA	Interchange Control 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.

ISA Interchange Control Header

Position:
Loop: N/A
Level: Not Defined
Usage: Mandatory
Max Use: 1
Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
ISA01	**I01**	**Authorization Information Qualifier** Code to identify the type of information in the Authorization Information. 00 No Authorization Information Present (No Meaningful Information in I02)	**M ID 2/2**
ISA02	**I02**	**Authorization Information** Information used for additional identification or authorization of the sender or the data in the interchange. The type of information is set by the Authorization Information Qualifier.	**M AN 10/10**
ISA03	**I03**	**Security Information Qualifier** Code to identify the type of information in the Security Information. 00 No Security Information Present (No Meaningful Information in I04)	**M ID 2/2**
ISA04	**I04**	**Security Information** This is used for identifying the security information about the sender or the data in the interchange. The type of information is set by the Security Information Qualifier.	**M AN 10/10**
ISA05	**I05**	**Interchange ID Qualifier** Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified.	**M ID 2/2**
ISA06	**I06**	**Interchange Sender ID** Identification code published by the sender for other parties to use as the receiver ID to route data to them. The sender always codes this number in the sender ID element	**M AN 15/15**
ISA07	**I05**	**Interchange ID Qualifier** Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified.	**M ID 2/2**
ISA08	**I07**	**Interchange Receiver ID** Identification code published by the receiver of the data. When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them.	**M AN 15/15**

ISA09 **I08** **Interchange Date** **M DT 6/6**

Date of the interchange.

ISA10 **I09** **Interchange Time** **M TM 4/4**

Time of the interchange.

ISA11 **I10** **Interchange Control Standards Identifier** **M ID 1/1**

Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer.

U	U.S. EDI Community of ASC X12, TDCC, and UCS

ISA12 **I11** **Interchange Control Version Number** **M ID 5/5**

This version number covers the interchange control segments.

00400	Standard Issued as ANSI X12.5-1987

ISA13 **I12** **Interchange Control Number** **M N0 9/9**

This number uniquely identifies the interchange data to the sender. It is assigned by the sender. Together with the sender ID it uniquely identifies the interchange data to the receiver. It is suggested that the sender, receiver, and all third parties be able to maintain an audit trail of interchanges using this number.

ISA14 **I13** **Acknowledgment Requested** **M ID 1/1**

Code sent by the sender to request an interchange acknowledgment.

0	No Acknowledgment Requested

ISA15 **I14** **Test Indicator** **M ID 1/1**

Code to indicate whether data enclosed by this interchange envelope is test or production.

P	Production Data
T	Test Data

ISA16 **I15** **Subelement Separator** **M AN 1/1**

This is a field reserved for future expansion in separating data element subgroups. (In the interest of a migration to international standards, this must be different from the data element separator).

GS Functional Group Header

Position:
Loop: N/A
Level: Not Defined
Usage: Mandatory
Max Use: 1
Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments
Syntax Notes:
Semantic Notes:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated Functional Group Trailer GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
GS01	**479**	**Functional Identifier Code** Code identifying a group of application related transaction sets QM Transportation Carrier Shipment Status Message (214)	**M ID 2/2**
GS02	**142**	**Application Sender's Code** Code identifying party sending transmission; codes agreed to by trading partners	**M AN 2/15**
GS03	**124**	**Application Receiver's Code** Code identifying party receiving transmission; codes agreed to by trading partners	**M AN 2/15**
GS04	**373**	**Date** Date expressed as CCYYMMDD	**M DT 6/6**
GS05	**337**	**Time** 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 TM 4/6**
GS06	**28**	**Group Control Number** Assigned number originated and maintained by the sender	**M N0 1/9**
GS07	**455**	**Responsible Agency Code** Code used in conjunction with Data Element 480 to identify the issuer of the standard X Accredited Standards Committee X12	**M ID 1/2**

GS08 **480** **Version / Release / Industry Identifier Code** **M AN 1/12**

Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed

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ST Transaction Set Header

Position: 010
Loop: N/A
Level: Header
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
ST01	**143**	**Transaction Set Identifier Code** Code uniquely identifying a Transaction Set 214 Transportation Carrier Shipment Status Message	**M ID 3/3**
ST02	**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**

B10 Beginning Segment for Transportation Carrier Shipment Status Message

Position: 020
Loop: N/A
Level: Not Defined
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
B1001	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	**X AN 1/30**
B1002	**145**	**Shipment Identification Number** 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)	**O AN 1/30**
B1003	**140**	**Standard Carrier Alpha Code** Standard Carrier Alpha Code	**M ID 2/4**
B1004	**71**	**Inquiry Request Number** Identifying number assigned by inquirer	**O N0 1/3**
B1005	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification ZZ Mutually Defined	**X ID 2/3**

B1006	**127**	**Reference Identification**	**X AN 1/30**
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

L11 Business Instructions and Reference Number

Position: 030
Loop: N/A
Level: Header
Usage: Optional
Max Use: 300
Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments
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** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	**X AN 1/30**
L1102	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification PO Purchase Order Number BM Bill of Lading Number CO Customer Order Number LO Load Planning Number	**X ID 2/3**

K1 Remarks

Position: 040
Loop: N/A
Level: Header
Usage: Optional
Max Use: 10
Purpose: To transmit information in a free-form format for comment or special instruction
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
K101	**61**	**Free-Form Message** Free-form information	**M AN 1/30**

N1 Name

Position: 050
Loop: N1
Level: Header
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
N101	**98**	**Entity Identifier Code** Code identifying an organizational entity, a physical location, or an individual SH Shipper CN Consignee BT Bill-to-Party N5 Party Who Signed the Delivery Receipt YE Third Party	**M ID 2/3**
N102	**93**	**Name** Free-form name	**X AN 1/60**
N103	**66**	**Identification Code Qualifier** Code designating the system/method of code structure used for Identification Code (67) AC Carrier Account	**X ID 1/2**
N104	**67**	**Identification Code** Account Number with carrier (Shipped account when applicable SH, billed account when applicable BT)	M **AN 2/17**

N3 Address Information

Position: 070
Loop: N1
Level: Header
Usage: Optional
Max Use: 10
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

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

N4 Geographic Location

Position: 080
Loop: N1
Level: Header
Usage: Optional
Max Use: 1
Purpose: To specify 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 USA or Canada

Data Element Summary

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

Segment: **G62** **Date/Time**
Position: 070
Loop:
Level: Header
Usage: Optional
Max Use: 6
Purpose: To specify pertinent dates and times
Syntax Notes: **1** At least one of G6201 or G6203 is required.
2 If either G6201 or G6202 is present, then the other is required.
3 If either G6203 or G6204 is present, then the other is required.
Semantic Notes:
Comments:

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
G6201	**432**	**Date Qualifier** Code specifying type of date 11 Shipped on This Date 35 Delivered on This Date 86 Actual Pickup Date 17 Estimated Delivery Date	**X ID 2/2**
G6202	**373**	**Date** Date expressed as CCYYMMDD	**X DT 8/8**
G6203	**176**	**Time Qualifier** Code specifying the reported time 8 Actual Pickup Time	**X ID 1/2**
G6203	**337**	**Time** 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)	**X TM 4/8**
G6205	**623**	**Time Code** Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by + 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. ET - Eastern time CT - Central time MT - Mountain time	**O ID 2/2**

MS3 Interline Information

Position: 120
Loop:
Level: Header
Usage: Optional
Max Use: 12
Purpose: To specify the interline carrier and relevant data
Syntax Notes:

1. If MS305 is present, then MS303 is required.

Semantic Notes:

1. 1 MS301 is the Standard Carrier Alpha Code (SCAC) of the interline carrier. This must be sent for third-party logistics providers
2. MS303 is the city where the interline was performed.

Comments:

Data Element Summary

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

LX Assigned Number

Position: 130
Loop: LX
Level: Header
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
LX01	**554**	**Assigned Number** Number assigned for differentiation within a transaction set	**M N0 1/6**

AT7 Shipment Status Details

Position: 140
Loop: AT7
Level: Header
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. 1 If AT701 is present, AT705 is the date the status occurred. If AT703 is present, AT705 is a date related to an appointment.
2. If AT701 is present, AT706 is the time of the status. If AT703 is present, AT706 is the time of the appointment
3. If AT707 is not present then AT706 represents local time of the status.

Comments:

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
AT701	**1650**	**Shipment Status Code** Code indicating the status of a shipment. At minimum we'd need AG, AF, D1, X1, X3 and X6.	**X ID 2/2**

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
P1	Departed Terminal Location
PR	U.S. Customs Hold at In-Bond Location
PT	Information
R1	Received from Prior Carrier
RL	Rail Departure from Origin Intermodal Ramp
S1	Trailer Spotted at Consignee's Location
SD	Shipment Delayed
VA	Arrived destination port
VD	Departed origin port
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
X9	Called for Delivery Appointment
XB	Shipment Acknowledged

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

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

A1	Missed Delivery
A2	Incorrect Address
A3	Indirect Delivery
A5	Unable to Locate
A6	Address Corrected - Delivery Attempted
AA	Mis-sort
AD	Customer Requested Future Delivery
AE	Restricted Articles Unacceptable
AF	Accident
AG	Consignee Related
AH	Driver Related
AI	Mechanical Breakdown
AJ	Other Carrier Related
AK	Damaged, Rewrapped in Hub
AL	Previous Stop
AM	Shipper Related
AN	Holiday -Closed
AO	Weather or Natural Disaster Related
AP	Awaiting Export
AQ	Recipient Unavailable -Delivery Delayed
AR	Improper International Paperwork
AS	Hold Due to Customs Documentation Problems
AT	Unable to Contact Recipient for Broker Information
AU	Civil Event Related Delay
AV	Exceeds Service Limitations
AW	Past Cut-off Time
AX	Insufficient Pick-up Time
AY	Missed Pick-up
AZ	Alternate Carrier Delivered
B1	Consignee Closed
B2	Trap for Customer
B4	Held for Payment
B5	Held for Consignee
B8	Improper Unloading Facility or Equipment
B9	Receiving Time Restricted
BB	Held per Shipper
BC	Missing Documents
BD	Border Clearance
BE	Road Conditions

BF	Carrier Keying Error
BG	Other
BH	Insufficient Time to Complete Delivery
BI	Cartage Agent
BJ	Customer Wanted Earlier Delivery
BK	Prearranged Appointment
BL	Held for Protective Service
BM	Flatcar Shortage
BN	Failed to Release Billing
BO	Railroad Failed to Meet Schedule
BP	Load Shifted
BQ	Shipment Overweight
BR	Train Derailment
BS	Refused by Customer
BT	Returned to Shipper
C1	Waiting for Customer Pick-up
C2	Credit Hold
C3	Suspended at Customer Request
C4	Customer Vacation
C5	Customer Strike
C6	Waiting Shipping Instructions
C7	Waiting for Customer Specified Carrier
C8	Collect on Delivery Required
C9	Cash Not Available From Consignee
CA	Customs (Import or Export)
CB	No Requested Arrival Date Provided by Shipper
CC	No Requested Arrival Time Provided by Shipper
D1	Carrier Dispatch Error
D2	Driver Not Available
F1	Non-Express Clearance Delay
F2	International Non-carrier Delay
HB	Held Pending Appointment
NA	Normal Appointment
NS	Normal Status
P1	Processing Delay
P2	Waiting Inspection
P3	Production Falldown
P4	Held for Full Carrier Load
RC	Reconsigned
S1	Delivery Shortage
T1	Tractor With Sleeper Car Not Available
T2	Tractor, Conventional, Not Available
T3	Trailer not Available
T4	Trailer Not Usable Due to Prior Product
T5	Trailer Class Not Available

T6	Trailer Volume Not Available
T7	Insufficient Delivery Time

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

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

AA	Pick-up Appointment Date and/or Time
AB	Delivery Appointment Date and/or Time
AC	Estimated Delivery Appointment Date and/or Time
ED	Deliver No Earlier Than Date and/or Time
EP	Pick-up No Earlier Than Date and/or Time
LD	Deliver No Later Than Date and/or Time
LP	Pick-up No Later Than Date and/or Time
X9	Delivery Appointment Secured on This Date and/or Time
XA	Pick-up Appointment Secured on This Date and/or Time

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

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

A1	Missed Delivery
A2	Incorrect Address
A3	Indirect Delivery
A5	Unable to Locate
A6	Address Corrected - Delivery Attempted
AA	Mis-sort
AD	Customer Requested Future Delivery
AE	Restricted Articles Unacceptable
AF	Accident
AG	Consignee Related
AH	Driver Related
AI	Mechanical Breakdown
AJ	Other Carrier Related
AK	Damaged, Rewrapped in Hub
AL	Previous Stop
AM	Shipper Related
AN	Holiday - Closed
AO	Weather or Natural Disaster Related
AP	Awaiting Export
AQ	Recipient Unavailable - Delivery Delayed
AR	Improper International Paperwork
AS	Hold Due to Customs Documentation Problems
AT	Unable to Contact Recipient for Broker Information
AU	Civil Event Related Delay
AV	Exceeds Service Limitations
AW	Past Cut-off Time
AX	Insufficient Pick-up Time
AY	Missed Pick-up
AZ	Alternate Carrier Delivered
B1	Consignee Closed

B2	Trap for Customer
B4	Held for Payment
B5	Held for Consignee
B8	Improper Unloading Facility or Equipment
B9	Receiving Time Restricted
BB	Held per Shipper
BC	Missing Documents
BD	Border Clearance
BE	Road Conditions
BF	Carrier Keying Error
BG	Other
BH	Insufficient Time to Complete Delivery
BI	Cartage Agent
BJ	Customer Wanted Earlier Delivery
BK	Prearranged Appointment
BL	Held for Protective Service
BM	Flatcar Shortage
BN	Failed to Release Billing
BO	Railroad Failed to Meet Schedule
BP	Load Shifted
BQ	Shipment Overweight
BR	Train Derailment
BS	Refused by Customer
BT	Returned to Shipper
C1	Waiting for Customer Pick-up
C2	Credit Hold
C3	Suspended at Customer Request
C4	Customer Vacation
C5	Customer Strike
C6	Waiting Shipping Instructions
C7	Waiting for Customer Specified Carrier
C8	Collect on Delivery Required
C9	Cash Not Available From Consignee
CA	Customs (Import or Export)
CB	No Requested Arrival Date Provided by Shipper
CC	No Requested Arrival Time Provided by Shipper
D1	Carrier Dispatch Error
D2	Driver Not Available
F1	Non-Express Clearance Delay
F2	International Non-carrier Delay
HB	Held Pending Appointment
NA	Normal Appointment
NS	Normal Status
P1	Processing Delay
P2	Waiting Inspection
P3	Production Falldown
P4	Held for Full Carrier Load
RC	Reconsigned
S1	Delivery Shortage
T1	Tractor With Sleeper Car Not Available
T2	Tractor, Conventional, Not Available
T3	Trailer not Available
T4	Trailer Not Usable Due to Prior Product
T5	Trailer Class Not Available
T6	Trailer Volume Not Available

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

Date expressed as CCYYMMDD

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)

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

T7 Insufficient Delivery Time

MS1 Equipment, Shipment, or Real Property Location

Position: 143
Loop: AT7
Level: Header
Usage: Optional
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
MS101	**19**	**City Name** Free-form text for city name	**X AN 2/30**
MS102	**156**	**State or Province Code** Code (Standard State/Province) as defined by appropriate government agency	**X ID 2/2**
MS103	**26**	**Country Code** Code identifying the country	**X ID 2/3**

MS2 Equipment or Container Owner and Type

Position: 146
Loop: AT7
Level: Header
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:

1. MS203 identifies the type for the equipment specified in MS202.

Comments:

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
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**

L11 Business Instructions and Reference Number

Position: 150
Loop: LX
Level: Header
Usage: Optional
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
L1101	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	**X AN 1/30**
L1102	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification QN Stop Sequence Number	**X ID 2/3**

Q7 Lading Exception Code

Position: 160
Loop: LX
Level: Header
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

Ref. Des.	Data Element	Name	Attributes
Q701	**33**	**Lading Exception Code** Code indicating the condition of the shipment A All Short D Damaged E Entire Shipment Refused O Overage P Partial Shipment W Wrong Product	**X AN 1/30**
Q702	**211**	**Packing Form Code** Code for packing form of the lading quantity BAG Bag BBL Barrel BDL Bundle BIN Bin BOX Box CAG Cage CAN Can CAS Case CNT Container CRT Crate CTN Carton CYL Cylinder DBK Dry Bulk ENV Envelope GOH Garments on Hangers JAR Jar KEG Keg LBK Liquid Bulk PCS Pieces PKG Package	**X ID 1/30**

PLT Pallet
RCK Rack
SKD Skid
SLP Slip Sheet
TBE Tube
TRY Tray
UNT Unit
VEH Vehicles
WRP Wrapped

Q703 **80** **Lading Quantity** **X ID 1/7**
Number of units (pieces) of the lading commodity

AT8 Shipment Weight, Packaging and Quantity Data

Position: 200
Loop: LX
Level: Header
Usage: Optional
Max Use: 10
Purpose: To specify shipment details in terms of weight, and quantity of handling units
Syntax Notes:

1. If either AT801, AT802 or AT803 are present, then the others 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
AT801	**187**	**Weight Qualifier** Code defining the type of weight G Gross Weight	**X ID 1/2**
AT802	**188**	**Weight Unit Code** Code specifying the weight unit L Pounds	**X ID 1/1**
AT803	**81**	**Weight** Numeric value of weight	**X R 1/10**
AT804	**80**	**Lading Quantity** Number of units (pieces) of the lading commodity	**O N0 1/7**

SE Transaction Set Trailer 610

Position: 610
Loop:
Level: Header
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
SE01	**96**	**Number of Included Segments** Total number of segments included in a transaction set including ST and SE segments	**M N0 1/10**
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**

GE Functional Group Trailer

Position:
Loop:
Level: Not Defined
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of a functional group and to provide control information
Syntax Notes:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated Functional Group Header GS06

Semantic Notes:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

Comments:

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
GE01	**97**	**Number of Transaction Sets Included** Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	**M N0 1/6**
GE02	**28**	**Group Control Number** Assigned number originated and maintained by the sender	**M N0 1/9**

IEA Interchange Control Trailer

Position:
Loop:
Level: Not Defined
Usage: Mandatory
Max Use: 1
Purpose: To define the end of an interchange of one or more functional groups and interchange-related control segments
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
IEA01	**I16**	**Number of Included Functional Groups** A count of the number of functional groups included in a transmission.	**M N0 1/5**
IEA02	**I12**	**Interchange Control Number** This number uniquely identifies the interchange data to the sender. It is assigned by the sender. Together with the sender ID it uniquely identifies the interchange data to the receiver. It is suggested that the sender, receiver, and all third parties be able to maintain an audit trail of interchanges using this number.	**M N0 9/9**