KBX LOGISTICS

KBX Logistics, LLC
Electronic Data Interchange

ASC X12 4010 EDI Implementation Guidelines
310 Freight Receipt and Invoice

October 5, 2020

KBX Logistics, LLC Electronic Data Interchange
Transportation EDI Implementation Guidelines
ASC X12 4010 310: Freight Receipt and Invoice (Ocean)

Change Summary

Date	Action	Segment	Segment Description	Element	Description of Change
03/27/2018	Updated	N9	Reference	N9-01	Added N9 qualifiers to represent account# (11), Client# (23), and Division# (19)
03/20/2020	Updated	N9	Reference	N9-01	Qualifier 8X
03/20/2020	Updated	N9	Reference	N9-02	Full Container Load (FCL), Less than Container Load (LCL)
03/20/2020	Updated	N9	Reference	N9-01	Added qualifier BN Booking Number
03/20/2020	Updated	B3	Shipment ID	B3-03	Booking Number is required unless otherwise noted
03/20/2020	Updated	C3	Currency	C3-01	Updated to Mandatory
03/25/2020	Updated	B3	Pickup Date	B3-12	Updated to Mandatory
10/5/2020	Updated	L1	Charges	L1-04	Updated to Mandatory
10/5/2020	Updated	L1	Special Charge or Allowance Code	L1-08	Updated to Mandatory
1/19/2023	Updated	N9	Reference Identification	N901	Added acceptable codes

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Electronic Commerce Help Desk – Contact List

Name	Group/Support Area	Phone	Email
EC Help Desk	Electronic Commerce Help Desk	(920) 438-2100	GRPEDIHelpdesk@gapac.com

This document identifies all data elements KBX Logistics, LLC would like our transportation vendors to provide when sending electronic freight invoices (310's).   The Georgia-Pacific EDI team handles KBX Logistics' EDI transactions, so you will see Georgia-Pacific referenced below which indicates both KBX Logistics and Georgia-Pacific requirements.   Please contact EC Help Desk if you have any questions.

Please notify the EC Help Desk if you do not wish to receive 997's for 310 Transactions

Transaction Example:

```
ST*310*000005483~
B3*B*802222609*802222609*PP**20180420*548700**20180529*139*SCAC*20180420*PP~
B2A*00*BL~
Y6*CA*GEORGIA PACIFIC*20180420~
N9*BM*802222609*BILL OF LADING NBR*20180405~
N9*CT*EX11-47841*CONTRACT NBR~
N9*BN*802222609*ORIGINAL BKG NBR*20180314~
N9*CG*254531*CONSIGNEE REF NBR~
N9*SI*34546 CMP/19086/USA*SHIPPER REF NBR~
N9*FM*000230*FORWARDER FMC NUMBER~
N9*8X*FCL*FULL CONTAINERLOAD
V1*9780859*CC A. LINCOLN*GB*295*APLU***L~
C3*USD~
N1*CN*TO ORDER~
N3*TO ORDER~
N1*FW*KARR, ELLIS, & CO., INC.*3*000230~
N3*KARR, ELLIS, & CO., INC.*1975 LINDEN BLVD., SUITE 205~
N3*ELMONT NEW YORK 11003 UNITED STATES~
N1*N1*SRIPATHI PAPER AND BOARDS PVT. LTD~
N2*SUKKARVARPATTI, ANAIKUTTAM~
N3*SRIPATHI PAPER AND BOARDS PVT. LTD*SUKKARVARPATTI, ANAIKUTTAM~
N3*SIVAKASI - 626 130 (INDIA).*IEC# 3502004307~
N1*SH*GP HARMON RECYCLING LLC~
N3*GP HARMON RECYCLING LLC*2 JERICHO PLAZA~
N3*JERICHO, NY 11753~
R4*R*D*3901*CHICAGO, IL*US*CHICAGO GLOBAL GATEWAY**IL~
DTM*370*20180329~
R4*J*D*2704*SAN PEDRO, CA,*US***CA~
DTM*370*20180418*1800*LT~
R4*K*K*53395*TUTICORIN, INDIA*IN***TN~
DTM*369*20180529*1200*LT~
R4*E*K*53395*TUTICORIN, INDIA*IN***TN~
DTM*369*20180529~
R4*W*D*3307*NASHVILLE*US***TN~
R4*F*D*2811*OAKLAND*US***CA~
R4*V*D*2811*OAKLAND*US***CA~
R4*2*K*53395*TUTICORIN*IN***TN~
LX*1~
N7*CMAU*5999187*19468*G*3859***47.573*X*N*CN*APLU***0040*A*K*7*HH***4500~
QTY*39*35*BA~
M7*70683010*N/A~
N7*TCNU*2837178*20267*G*3899***47.573*X*N*CN*APLU***0040*A*K*8*HH***4500~
QTY*39*36*BA~
M7*70683008*N/A~
N7*TGBU*5060902*21092*G*3899***47.573*X*N*CN*APLU***0040*A*K*2*HH***4500~
QTY*39*37*BA~
```

M7*70683005*N/A~
L0*1***60827*G*142.719*X*108*BAL**K*HH~

L5*1*WASTE PAPER BOX BOARD CUTTINGS~
L5*1* (CONT FROM NOTIFY PARTY)~
L5*1*TEL +91-422-231-0415 EMAIL:~
L5*1*IMPORT@SRIPATHI.NET~
L5*1*FREIGHT PREPAID~
L5*1*ALL DESTINATION CHARGES, INCLUDING~
L5*1*CONTAINER IMBALANCE FEE'S,~
L5*1*ON-CARRIAGE FEES, DTHC (CONTAINER~
L5*1*SERVICE CHARGE) AND SERVICE TAXES~
L5*1*ARE COLLECT / PAYABLE AT~
L5*1*DESTINATION~
L5*1*   FREIGHT PREPAID~
L5*1*14 DAYS FREE TIME AT DESTINATION~
L3*60827*G***548700**548700**142.719*X*108*K~
L1*1*1775*PA*532500**532500**COF***P*OCF RATE TOTALS*****3*NR~
C3*USD~
L1*4*29*PA*8700**8700**999***P*LSF RATE TOTALS*****3*NR~
C3*USD~
L1*6*75*PU*7500**7500**DOC***P*DOC RATE TOTALS*****1*EA~
C3*USD~
K1* UNITED ST~
K1*X20180404251035~
SE*69*000005483~

310 Freight Receipt and Invoice (Ocean)

Functional Group ID=IO

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Freight Receipt and Invoice (Ocean) Transaction Set (310) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide ocean bill of lading information. It is sent by ocean carriers to interested parties and can be used as the receipt for the shipment; to substitute for a paper bill of lading where the parties have agreed that a paper bill of lading is not necessary; to allow shipper or forwarder to verify bill of lading information before an original is printed and released; for information purposes, i.e., as a bill of lading copy; by the carrier to convey manifest information to a terminal operator; and as an invoice for freight.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	010	ST	Transaction Set Header	M	1		
M	020	B3	Beginning Segment for Carrier's Invoice	M	1		
	030	B2A	Set Purpose	O	1		
	040	Y6	Authentication	O	2		
	050	G3	Compensation Information	O	1		
	060	N9	Reference Identification	O	15		
M	070	V1	Vessel Identification	M	2		
	080	M0	Letter of Credit Reference	O	1		
	090	M1	Insurance	O	5		
	100	C2	Bank ID	O	1		
	110	C3	Currency	M	1		
	120	Y2	Container Details	O	10		
			LOOP ID - N1			10	
M	130	N1	Name	M	1		
	140	N2	Additional Name Information	O	1		
	150	N3	Address Information	O	2		
	160	N4	Geographic Location	O	1		
	170	G61	Contact	O	3		
			LOOP ID - R4			20	
M	180	R4	Port or Terminal	M	1		
	190	DTM	Date/Time Reference	O	15		
	199	R2A	Route Information with Preference	O	25		
	200	R2	Route Information	O	13		
	210	K1	Remarks	O	12		
	220	H3	Special Handling Instructions	O	6		
	230	L5	Description, Marks and Numbers	O	1		
			LOOP ID - C8			20	
	240	C8	Certifications and Clauses	O	1		

	250	C8C	Certifications Clauses Continuation	O	5		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - LX			999	
M	010	LX	Assigned Number	M	1		
			LOOP ID - N7			999	
	020	N7	Equipment Details	O	1		
	025	QTY	Quantity	O	1		
	030	V4	Cargo Location Reference	O	1		
	040	N12	Equipment Environment	O	1		
	050	M7	Seal Numbers	O	5		
	060	W09	Equipment and Temperature	O	1		
			LOOP ID - L1			20	
	070	L1	Rate and Charges	O	1		
	080	C3	Currency	M	1		
	090	L7	Tariff Reference	O	1		
	100	X1	Export License	O	1		
	110	X2	Import License	O	1		
	120	N9	Reference Identification	M	3		
			LOOP ID - H1			10	
	130	H1	Hazardous Material	O	1		
	140	H2	Additional Hazardous Material Description	O	10		
			LOOP ID - L0			120	
	150	L0	Line Item - Quantity and Weight	O	1		
	160	L5	Description, Marks and Numbers	O	999		
			LOOP ID - L1			20	
	170	L1	Rate and Charges	O	1		
	180	C3	Currency	M	1		
	190	L7	Tariff Reference	O	1		
	200	X1	Export License	O	1		
	210	X2	Import License	O	1		
			LOOP ID - C8			20	
	220	C8	Certifications and Clauses	O	1		
	221	C8C	Certifications Clauses Continuation	O	5		
			LOOP ID - H1			10	
	230	H1	Hazardous Material	O	1		
	240	H2	Additional Hazardous Material Description	O	10		

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	010	L3	Total Weight and Charges	M	1		
	020	PWK	Paperwork	O	25		

			LOOP ID - L1			20
	030	L1	Rate and Charges	O	1	
	040	C3	Currency	M	1	
	050	V9	Event Detail	O	10	
	055	C8	Certifications and Clauses	O	20	
	060	K1	Remarks	O	999	
	070	L11	Business Instructions and Reference Number	O	1	
M	080	SE	Transaction Set Trailer	M	1	

ISA Interchange Control Header

Pos:	Max: 1
- Mandatory	
Loop: N/A	Elements: 16

To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	**I01**	**Authorization Information Qualifier**	**M**	**ID**	**2/2**	**Must use**
		Description: Code to identify the type of information in the Authorization Information				
		All valid standard codes are used.				
ISA02	**I02**	**Authorization Information**	**M**	**AN**	**10/10**	**Must use**
		Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)				
ISA03	**I03**	**Security Information Qualifier**	**M**	**ID**	**2/2**	**Must use**
		Description: Code to identify the type of information in the Security Information				
		All valid standard codes are used.				
ISA04	**I04**	**Security Information**	**M**	**AN**	**10/10**	**Must use**
		Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)				
ISA05	**I05**	**Interchange ID Qualifier**	**M**	**ID**	**2/2**	**Must use**
		Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified				
		All valid standard codes are used.				
ISA06	**I06**	**Interchange Sender ID**	**M**	**AN**	**15/15**	**Must use**
		Description: 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 value in the sender ID element				
ISA07	**I05**	**Interchange ID Qualifier**	**M**	**ID**	**2/2**	**Must use**
		Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified				

Code
     Name
ZZ   Mutually Defined

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA08	**I07**	**Interchange Receiver ID**	**M**	**AN**	**15/15**	**Must use**
		Description: 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				

User Note 1: *The Receiver ID for Georgia-Pacific is GPTSPP.*

For Testing Purposes use Receiver ID of GPTSPT.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA09	**I08**	**Interchange Date**	**M**	**DT**	**6/6**	**Must use**
		Description: Date of the interchange				
ISA10	**I09**	**Interchange Time**	**M**	**TM**	**4/4**	**Must use**
		Description: Time of the interchange				
ISA11	**I10**	**Interchange Control Standards Identifier**	**M**	**ID**	**1/1**	**Must use**
		Description: Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer				
		All valid standard codes are used.				
ISA12	**I11**	**Interchange Control Version Number**	**M**	**ID**	**5/5**	**Must use**
		Description: This version number covers the interchange control segments				
		All valid standard codes are used.				
ISA13	**I12**	**Interchange Control Number**	**M**	**N0**	**9/9**	**Must use**
		Description: A control number assigned by the interchange sender				
ISA14	**I13**	**Acknowledgment Requested**	**M**	**ID**	**1/1**	**Must use**
		Description: Code sent by the sender to request an interchange acknowledgment (TA1)				
		All valid standard codes are used.				
ISA15	**I14**	**Usage Indicator**	**M**	**ID**	**1/1**	**Must use**
		Description: Code to indicate whether data enclosed by this interchange envelope is test, production or information				

Code	Name
P	Production Data
T	Test Data

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA16	**I15**	**Component Element Separator**	**M**		**1/1**	**Must use**
		Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator				

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GS	**Functional Group Header**	Pos:	Max: 1
		- Mandatory	
		Loop: N/A	Elements: 8

To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	**479**	**Functional Identifier Code**	**M**	**ID**	**2/2**	**Must use**

Description: Code identifying a group of application related transaction sets

Code	Name
IO	Freight Receipt and Invoice (Ocean)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS02	**142**	**Application Sender's Code**	**M**	**AN**	**2/15**	**Must use**

Description: Code identifying party sending transmission; codes agreed to by trading partners

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS03	**124**	**Application Receiver's Code**	**M**	**AN**	**2/15**	**Must use**

Description: Code identifying party receiving transmission. Codes agreed to by trading partners

User Note 1: *The Application Receiver's ID for Georgia-Pacific is GPTSPP. For Testing Purposes use Receiver ID of GPTSPT.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS04	**373**	**Date**	**M**	**DT**	**8/8**	**Must use**

Description: Date expressed as CCYYMMDD

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS05	**337**	**Time**	**M**	**TM**	**4/8**	**Must use**

Description: 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)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS06	**28**	**Group Control Number**	**M**	**N0**	**1/9**	**Must use**

Description: Assigned number originated and maintained by the sender

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS07	**455**	**Responsible Agency Code**	**M**	**ID**	**1/2**	**Must use**

Description: Code used in conjunction with Data Element 480 to identify the issuer of the standard

Code	Name
X	Accredited Standards Committee X12

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS08	**480**	**Version / Release / Industry Identifier Code**	**M**	**AN**	**1/12**	**Must use**

Description: 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

Code	Name

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Ref	Id	Element Name	Req	Type	Min/Max	Usage
		4010 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997				

Semantics:

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.

Segment:	**ST** Transaction Set Header
Position:	010
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).
Comments:	
Business Rules:	Variable Name: STST

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	
			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:	**B3** Beginning Segment for Carrier's Invoice	
Position:	020	
Loop:		
Level:	Heading	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To transmit basic data relating to the carrier's invoice	
Syntax Notes:	**1**	If either B309 or B310 is present, then the other is required.
Semantic Notes:	**1**	B306 is the billing date.
	2	On collect freight bills the data in B309 will be the actual delivery date. For the shipments invoiced prior to delivery, the B309 will be the estimated date of delivery.
	3	If B314 is used, B304 will indicate the party or parties responsible for payment of the transportation terms identified in B314.
	4	B303 is booking number unless otherwise specified by your EDI Coordinator
	5	B312 is actual pickup date
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
	B301	**147**	**Shipment Qualifier**	**O**	**ID 1/1**
			Code defining relationship of this shipment with respect to other shipments given to the carrier at the same time Refer to 004010 Data Element Dictionary for acceptable code values.		
M	**B302**	**76**	**Invoice Number**	**M**	**AN 1/22**
			Identifying number assigned by issuer		
	B303	**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)		
M	**B304**	**146**	**Shipment Method of Payment**	**M**	**ID 2/2**
			Code identifying payment terms for transportation charges		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	B305	**188**	**Weight Unit Code**	**O**	**ID 1/1**
			Code specifying the weight unit		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
M	**B306**	**373**	**Date**	**M**	**DT 8/8**
			Date expressed as CCYYMMDD		
M	**B307**	**193**	**Net Amount Due**	**M**	**N2 1/12**
			Total charges to be paid by the receiver of this transaction set expressed in the standard monetary denomination for the currency specified		
	B308	**202**	**Correction Indicator**	**O**	**ID 2/2**
			Code used to indicate that the transaction set contains information which corrects previous information Refer to 004010 Data Element Dictionary for acceptable code values.		
	B309	**32**	**Delivery Date**	**X**	**DT 8/8**
			Date for delivery of cargo to final consignee or to next mode expressed in format CCYYMMDD		
	B310	**374**	**Date/Time Qualifier**	**X**	**ID 3/3**
			Code specifying type of date or time, or both date and time		

<div align="right">Refer to 004010 Data Element Dictionary for acceptable code values.</div>

M	B311	140	**Standard Carrier Alpha Code**	M	ID 2/4

Standard Carrier Alpha Code

	B312	373	**Date**	M	DT 8/8

Date expressed as CCYYMMDD

	B313	375	**Tariff Service Code**	O	ID 2/2

Code specifying the types of services for rating purposes

Refer to 004010 Data Element Dictionary for acceptable code values.

	B314	335	**Transportation Terms Code**	O	ID 3/3

Code identifying the trade terms which apply to the shipment transportation responsibility
Refer to 004010 Data Element Dictionary for acceptable code values.

Segment:	**B2A** Set Purpose	
Position:	030	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	1	
Purpose:	To allow for positive identification of transaction set purpose	
Syntax Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**B2A01**	**353**	**Transaction Set Purpose Code**	**M**	**ID 2/2**
			Code identifying purpose of transaction set		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	B2A02	**346**	**Application Type**	**O**	**ID 2/2**
			Code identifying an application		
			Refer to 004010 Data Element Dictionary for acceptable code values.		

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Segment:	**Y6** Authentication	
Position:	040	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	2	
Purpose:	To specify the authority for authorizing an action and the date authentication is made	
Syntax Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
	Y601	**313**	**Authority Identifier Code**	**O**	**ID 2/2**
			Code indicating authority for authentication		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
M	**Y602**	**151**	**Authority**	**M**	**AN 1/20**
			Name or code of authority for authorizing action or reservation		
M	**Y603**	**275**	**Authorization Date**	**M**	**DT 8/8**
			Date authentication is made expressed in format CCYYMMDD		

Segment:	**G3** Compensation Information	
Position:	050	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	1	
Purpose:	To convey brokerage, freight forwarder compensation, and other compensation information related to shipments	
Syntax Notes:		
Semantic Notes:		
Comments:	1 G305 is the amount on which compensation is based.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
	G301	**315**	**Compensation Paid**	**O**	**R 2/5**
			Commission paid to broker for services rendered		
M	**G302**	**317**	**Total Compensation Amount**	**M**	**N0 3/10**
			Amount calculated from brokerage amount		
	G303	**93**	**Name**	**O**	**AN 1/60**
			Free-form name		
	G304	**201**	**Business Transaction Status**	**O**	**ID 1/3**
			Code indicating the status of an ocean business transaction as it relates to the processing of ocean bills of lading		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	G305	**782**	**Monetary Amount**	**O**	**R 1/18**
			Monetary amount		
	G306	**73**	**Compensation Qualifier**	**O**	**ID 1/1**
			Code indicating type of compensation		
			Refer to 004010 Data Element Dictionary for acceptable code values.		

Segment:	**N9** Reference Identification
Position:	060
Loop:	
Level:	Heading
Usage:	Mandatory (codes 8X and BN)
Max Use:	15
Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:	1 At least one of N902 or N903 is required.
	2 If N906 is present, then N905 is required.
	3 If either C04003 or C04004 is present, then the other is required.
	4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 N906 reflects the time zone which the time reflects.
	2 N907 contains data relating to the value cited in N902.
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	N901	128	**Reference Identification Qualifier**	M ID 2/3

Code qualifying the Reference Identification

Code	Description
BM	**Bill of Lading Number**
PO	**Purchase Order Number**
23	**Client Number ***
11	**Account Number * Required if mode is LTL**
19	**Division Identifier ***
8	**CARRIER ASSIGNED PACKAGE ID NUMBER**
2l	**TRACKING NUMBER**
31	**DOCKET NUMBER**
5S	**PROCESSING AREA**
6A	**CONSIGNEE REFERENCE NUMBER**
8X	**FULL CONTAINER LOAD (FCL) LESS THAN CONTAINER LOAD (LCL)**
98	**CONTAINER/PACKAGING SPECIFICATION NUMBER**
AE	**AUTHORIZATION FOR EXPENSE (AFE) NUMBER**
AH	**AGREEMENT NUMBER**
AI	**ASSOCIATED INVOICES**
AN	**ASSOCIATED PURCHASE ORDERS**
AO	**APPOINTMENT NUMBER**
AU	**AUTHORIZATION TO MEET COMPETITION NUMBER**
AW	**AIR WAYBILL NUMBER**
BN	**BOOKING NUMBER**
C0	**CANADIAN SOCIAL INSURANCE NUMBER**

C7	CONTRACT LINE ITEM NUMBER
C8	CORRECTED CONTRACT NUMBER
CG	CONSIGNEES ORDER NUMBER
CK	CHECK NUMBER
CMN	TOUR NUMBER
CN	CARRIERS REFERENCE NUMBER (PRO/INVOICE)
CO	CUSTOMER ORDER NUMBER (3PL)
CR	CUSTOMER REFERENCE NUMBER
CT	CONTRACT NUMBER
D0	DATA RELIABILITY CODE
DH	TRIP MILES (NWNA)
DO	DELIVERY ORDER NUMBER
DP	DEPARTMENT NUMBER
EF	ELECTRONIC FUNDS TRANSFER ID NUMBER
ER	CONTAINER OR EQUIPMENT RECEIPT NUMBER
EQ	EQUIPMENT NUMBER
FR	FREIGHT BILL NUMBER
GT	GOODS AND SERVICE TAX REGISTRATION NUMBER
GY	EMPTY REPOSITIONING NUMBER
HD	DEPARTMENT OF TRANSPORTATION HAZARDOUS NUMBER
HE	HAZARDOUS EXEMPTION NUMBER
HN	HAZARDOUS CERTIFICATION NUMBER
HO	SHIPPERS HAZARDOUS NUMBER
I2	INTERSTATE COMMERCE COMMISSION (ICC) ACCOUNT NBR
IF	ISSUE NUMBER
IL	INTERAL ORDER ID
IN	CONSIGNEES INVOICE NUMBER
IT	INTERNAL CUSTOMER NUMBER
ITN	INTERNAL TRANSACTION NUMBER
IX	ITEM NUMBER
KK	DELIVERY REFERENCE
LO	LOAD PLANNING NUMBER
MA	SHIP NOTICE/MANIFEST NUMBER
MB	MASTER BILL OF LADING
MDN	HAZARDOUS WASTE MANIFEST DOCUMENT NUMBER
OI	ORIGINAL INVOICE NUMBER
OL	ORIGINAL SHIPPERS BILL OF LADING NUMBER
P1	PREVIOUS CONTRACT NUMBER

P7	PRODUCT LINE NUMBER
P8	PICKUP REFERENCE NUMBER
PB	PAYERS FINANCIAL INSTITUTION ACCOUNT NUMBER
PD	PROMOTIONAL DEAL NUMBER
PG	PRODUCT GROUP
PK	PACAKGING LIST NUMBER
PM	PART NUMBER
PR	PRICE QUOTE NUMBER
OC	OCEAN CONTAINER
QN	STOP SEQUENCE NUMBER
R1	CURRENT REVISION NUMBER
R2	CANCELED REVISION NUMBER
R4	TARIFF SECTION NUMBER
R5	TARIFF PAGE NUMBER
R6	TARFIFF RULE NUMBER
RB	RATE CODE NUMBER
RS	RETURNABLE CONTAINER SERIAL NUMBER
RSN	RESERVATION NUMBER
RZ	RETURN GOODS AUTHORIZATION NUMBER
SI	SHIPPERS IDENTIFICATION NUMBER FOR SHIPMENT (SID)
SN	SEAL NUMBER
SO	SHIPPERS ORDER (INVOICE NUMBER)
ST	STORE NUMBER
SV	SERVICE CHARGE NUMBER
TG	TRANSPORTATION CONTROL NUMBER (TCN)
TK	TANK NUMBER
TN	TRANSACTION REFERENCE NUMBER
TQ	TRACER ACTION REQUEST NUMBER
TS	TARIFF NUMBER
TT	TERMINAL CODE
U0	CONSOLIDATORS RECEIPT NUMBER
VN	DELIVERY NUMBER/GP ORDER NUMBER
VO	VENDOR ORDER NUMBER/JOB NUMBER
VP	VENDOR PRODUCT NUMBER
VR	VENDOR ID NUMBER
WY	WAYBILL NUMBER
ZH	CARRIER ASSIGNED REFERENCE NUMBER

	N902	127	**Reference Identification**	X	**AN 1/30**

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

	N903	369	**Free-form Description**	X	**AN 1/45**

Free-form descriptive text

	N904	373	**Date**	O	**DT 8/8**

Date expressed as CCYYMMDD

	N905	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)

	N906	623	**Time Code**	O	**ID 2/2**

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow Refer to 004010 Data Element Dictionary for acceptable code values.

	N907	C040	**Reference Identifier**	O	

To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier

M	C04001	128	**Reference Identification Qualifier**	M	**ID 2/3**

Code qualifying the Reference Identification

Refer to 004010 Data Element Dictionary for acceptable code values.

M	C04002	127	**Reference Identification**	M	**AN 1/30**

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

	C04003	128	**Reference Identification Qualifier**	X	**ID 2/3**

Code qualifying the Reference Identification

Refer to 004010 Data Element Dictionary for acceptable code values.

	C04004	127	**Reference Identification**	X	**AN 1/30**

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

	C04005	128	**Reference Identification Qualifier**	X	**ID 2/3**

Code qualifying the Reference Identification

Refer to 004010 Data Element Dictionary for acceptable code values.

	C04006	127	**Reference Identification**	X	**AN 1/30**

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

Segment:	**V1** Vessel Identification	
Position:	070	
Loop:		
Level:	Heading	
Usage:	Mandatory	
Max Use:	2	
Purpose:	To provide vessel details and voyage number	
Syntax Notes:	1	At least one of V101 or V102 is required.
	2	If V108 is present, then V101 is required.
Semantic Notes:	1	V103 is the code identifying the country in which the ship (vessel) is registered.
	2	V105 identifies the ocean carrier.
Comments:		

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
V101	597	**Vessel Code**	X	ID 1/8
		Code identifying vessel		
V102	182	**Vessel Name**	X	AN 2/28
		Name of ship as documented in "Lloyd's Register of Ships"		
V103	26	**Country Code**	O	ID 2/3
		Code identifying the country		
V104	55	**Flight/Voyage Number**	O	AN 2/10
		Identifying designator for the particular flight or voyage on which the cargo travels		
V105	140	**Standard Carrier Alpha Code**	O	ID 2/4
		Standard Carrier Alpha Code		
V106	249	**Vessel Requirement Code**	O	ID 1/1
		Code specifying options for satisfying vessel requirements		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
V107	854	**Vessel Type Code**	O	ID 2/2
		Code to determine type of vessel		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
V108	897	**Vessel Code Qualifier**	O	ID 1/1
		Code specifying vessel code source		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
V109	91	**Transportation Method/Type Code**	O	ID 1/2
		Code specifying the method or type of transportation for the shipment		
		Refer to 004010 Data Element Dictionary for acceptable code values.		

Segment:	**M0** **Letter of Credit Reference**
Position:	080
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To transmit letter of credit details
Syntax Notes:	
Semantic Notes:	1 M002 is the date on which a letter of credit was issued.
	2 M003 is the date on which the letter of credit expires.
	3 M004 is the date on which cargo was physically placed onboard said ship voyage.
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	M001	250	**Letter of Credit Number**	M	**AN 2/40**
			Identifying reference number for a letter of credit		
	M002	373	**Date**	O	**DT 8/8**
			Date expressed as CCYYMMDD		
	M003	373	**Date**	O	**DT 8/8**
			Date expressed as CCYYMMDD		
	M004	373	**Date**	O	**DT 8/8**
			Date expressed as CCYYMMDD		

Segment:	**M1** Insurance	
Position:	090	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	5	
Purpose:	To specify details related to insurance	
Syntax Notes:	**1**	If either M107 or M108 is present, then the other is required.
	2	If either M109 or M110 is present, then the other is required.
	3	If either M111 or M112 is present, then the other is required.
Semantic Notes:	**1**	M101 is the code identifying the country in whose currency the insurance is specified.
	2	M105 (organization identifier) is the code for the beneficiary of the insurance policy.
	3	M106 is free-form information used to describe the type of insurance coverage.
Comments:	**1**	M107 through M112 may be used to specify the values to be used in insurance formulas. For example: M107 and M108 may specify the basis of application and the premium rate ($0.25 per hundred), M109 and M110 may specify the value at which insurance is to be obtained (insure at 110% of bill of lading value), and M111 and M112 may specify the premium rate (rate of .015 per dollar).

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	**M101**	**26**	**Country Code**	**M**	**ID 2/3**
			Code identifying the country		
	M102	**14**	**Carriage Value**	**O**	**N0 2/8**
			Carriage value expressed in whole units of the standard monetary denomination for the currency specified		
	M103	**74**	**Declared Value**	**O**	**N2 2/12**
			Monetary assigned value expressed in the standard monetary denomination for the currency specified		
	M104	**122**	**Rate/Value Qualifier**	**O**	**ID 2/2**
			Code qualifying how to extend charges or interpret value		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	M105	**98**	**Entity Identifier Code**	**O**	**ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	M106	**61**	**Free-Form Message**	**O**	**AN 1/30**
			Free-form information		
	M107	**122**	**Rate/Value Qualifier**	**X**	**ID 2/2**
			Code qualifying how to extend charges or interpret value		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	M108	**782**	**Monetary Amount**	**X**	**R 1/18**
			Monetary amount		
	M109	**1004**	**Percent Qualifier**	**X**	**ID 1/2**
			Code to qualify percent		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	M110	**954**	**Percent**	**X**	**R 1/10**
			Percentage expressed as a decimal		

M111	**1004**	**Percent Qualifier**	**X**	**ID 1/2**

Code to qualify percent

Refer to 004010 Data Element Dictionary for acceptable code values.

M112	**954**	**Percent**	**X**	**R 1/10**

Percentage expressed as a decimal

Segment:	**C2** Bank ID
Position:	100
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify data required for electronic payment
Syntax Notes:	
Semantic Notes:	
Comments:	1 C207 is the effective payment date.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	C201	8	**Bank Client Code**	M	ID 1/1
			Code identifying payee or payer		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
M	C202	66	**Identification Code Qualifier**	M	ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
M	C203	67	**Identification Code**	M	AN 2/80
			Code identifying a party or other code		
	C204	20	**Client Bank Number**	O	AN 3/9
			Federal Reserve Routing Code		
	C205	7	**Bank Account Number**	O	AN 6/17
			ID number assigned by bank to its client		
	C206	107	**Payment Method Code**	O	ID 1/2
			Code identifying type of payment procedures		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	C207	373	**Date**	O	DT 8/8
			Date expressed as CCYYMMDD		

Segment:	**C3** Currency	
Position:	110	
Loop:		
Level:	Heading	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To specify the currency being used in the transaction set	
Syntax Notes:		
Semantic Notes:	1	C301 is the billing currency.
	2	C303 is the payment currency.
	3	C304 is the rated currency.
Comments:	1	Currency is implied by the code for the country in whose currency the monetary amounts are specified.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	C301	100	**Currency Code**	**M ID 3/3**
			Code (Standard ISO) for country in whose currency the charges are specified	
	C302	280	**Exchange Rate**	**O R 4/10**
			Value to be used as a multiplier conversion factor to convert monetary value from one currency to another	
	C303	100	**Currency Code**	**O ID 3/3**
			Code (Standard ISO) for country in whose currency the charges are specified	
	C304	100	**Currency Code**	**O ID 3/3**
			Code (Standard ISO) for country in whose currency the charges are specified	

Segment:	**Y2** Container Details		
Position:	120		
Loop:			
Level:	Heading		
Usage:	Optional		
Max Use:	10		
Purpose:	To specify container information and transportation service to be used		
Syntax Notes:			
Semantic Notes:			
Comments:			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	Y201	95	**Number of Containers**	M	N0 1/4
			Number of shipping containers		
	Y202	78	**Container Type Request Code**	O	ID 1/1
			Code indicating type of container equipment requested		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	Y203	56	**Type of Service Code**	O	ID 2/2
			Code specifying extent of transportation service requested		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
M	Y204	24	**Equipment Type**	M	ID 4/4
			Code identifying equipment type		
	Y205	91	**Transportation Method/Type Code**	O	ID 1/2
			Code specifying the method or type of transportation for the shipment		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	Y206	177	**Intermodal Service Code**	O	ID 1/2
			Code identifying the Intermodal Service Plan		
	Y207	140	**Standard Carrier Alpha Code**	O	ID 2/4
			Standard Carrier Alpha Code		
	Y208	464	**Container Terms Code**	O	ID 3/3
			Code indicating origin and destination of transportation and type of container		
	Y209	465	**Container Terms Code Qualifier**	O	ID 1/1
			Code indicating container terms reference		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	Y210	466	**Total Stop-offs**	O	N0 1/2
			Total number of stop-offs specified for a shipment		

Segment:	**N1** Name	
Position:	130	
Loop:	N1	Mandatory
Level:	Heading	
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		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	N102	93	**Name**	X	AN 1/60
			Free-form name		
	N103	66	**Identification Code Qualifier**	X	ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	N104	67	**Identification Code**	X	AN 2/80
			Code identifying a party or other code		
	N105	706	**Entity Relationship Code**	O	ID 2/2
			Code describing entity relationship		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	N106	98	**Entity Identifier Code**	O	ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual		
			Refer to 004010 Data Element Dictionary for acceptable code values.		

Segment:	**N2** **Additional Name Information**	
Position:	140	
Loop:	N1	Mandatory
Level:	Heading	
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**	
M	**N201**	**93**	**Name**	**M**	**AN 1/60**
			Free-form name		
	N202	**93**	**Name**	**O**	**AN 1/60**
			Free-form name		

Segment:	**N3** Address Information	
Position:	150	
Loop:	N1	Mandatory
Level:	Heading	
Usage:	Optional	
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	

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Segment:	**N4** Geographic Location	
Position:	160	
Loop:	N1	Mandatory
Level:	Heading	
Usage:	Optional	
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	
N401	**19**	**City Name**	**O**	**AN 2/30**
		Free-form text for city name		
N402	**156**	**State or Province Code**	**O**	**ID 2/2**
		Code (Standard State/Province) as defined by appropriate government agency		
N403	**116**	**Postal Code**	**O**	**ID 3/15**
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
N404	**26**	**Country Code**	**O**	**ID 2/3**
		Code identifying the country		
N405	**309**	**Location Qualifier**	**X**	**ID 1/2**
		Code identifying type of location		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
N406	**310**	**Location Identifier**	**O**	**AN 1/30**
		Code which identifies a specific location		

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Segment:	**G61** Contact		
Position:	170		
Loop:			
Level:	Heading		
Usage:	Optional		
Max Use:	3		
Purpose:	To identify a person or office to whom communications should be directed		
Syntax Notes:	1	If either G6103 or G6104 is present, then the other is required.	
Semantic Notes:			
Comments:	1	G6103 qualifies G6104.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	G6101	366	**Contact Function Code**	M	ID 2/2
			Code identifying the major duty or responsibility of the person or group named		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
M	G6102	93	**Name**	M	AN 1/60
			Free-form name		
	G6103	365	**Communication Number Qualifier**	X	ID 2/2
			Code identifying the type of communication number		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	G6104	364	**Communication Number**	X	AN 1/80
			Complete communications number including country or area code when applicable		
	G6105	443	**Contact Inquiry Reference**	O	AN 1/20
			Additional reference number or description to clarify a contact number		

Segment:	**R4** Port or Terminal	
Position:	180	
Loop:	R4	Mandatory
Level:	Heading	
Usage:	Mandatory	
Max Use:	1	
Purpose:	Contractual or operational port or point relevant to the movement of the cargo	
Syntax Notes:	1	If either R402 or R403 is present, then the other is required.
Semantic Notes:		
Comments:	1	R4 is required for each port to be identified.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	R401	115	**Port or Terminal Function Code**	M	ID 1/1
			Code defining function performed at the port or terminal with respect to a shipment		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	R402	309	**Location Qualifier**	X	ID 1/2
			Code identifying type of location		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	R403	310	**Location Identifier**	X	AN 1/30
			Code which identifies a specific location		
	R404	114	**Port Name**	O	AN 2/24
			Free-form name for the place at which an offshore carrier originates or terminates (by transshipment or otherwise) its actual ocean carriage of property		
	R405	26	**Country Code**	O	ID 2/3
			Code identifying the country		
	R406	174	**Terminal Name**	O	AN 2/30
			Free-form field for terminal name		
	R407	113	**Pier Number**	O	AN 1/4
			Identifying number for the pier		
	R408	156	**State or Province Code**	O	ID 2/2
			Code (Standard State/Province) as defined by appropriate government agency		

Segment:	**DTM** Date/Time Reference	
Position:	190	
Loop:	R4	Mandatory
Level:	Heading	
Usage:	Optional	
Max Use:	15	
Purpose:	To specify pertinent dates and times	
Syntax Notes:	1	At least one of DTM02 DTM03 or DTM05 is required.
	2	If DTM04 is present, then DTM03 is required.
	3	If either DTM05 or DTM06 is present, then the other is required.
Semantic Notes:		
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	DTM01	374	**Date/Time Qualifier**	**M**	**ID 3/3**
			Code specifying type of date or time, or both date and time		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	DTM02	373	**Date**	**X**	**DT 8/8**
			Date expressed as CCYYMMDD		
	DTM03	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)		
	DTM04	623	**Time Code**	**O**	**ID 2/2**
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow Refer to 004010 Data Element Dictionary for acceptable code values.		
	DTM05	1250	**Date Time Period Format Qualifier**	**X**	**ID 2/3**
			Code indicating the date format, time format, or date and time format		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	DTM06	1251	**Date Time Period**	**X**	**AN 1/35**
			Expression of a date, a time, or range of dates, times or dates and times		

Segment:	**R2A** Route Information with Preference	
Position:	199	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	25	
Purpose:	To specify the responsibilities and carrier preference	
Syntax Notes:	**1**	If R2A05 is present, then R2A06 is required.
Semantic Notes:	**1**	R2A05 and R2A06 identify the origin point.
	2	R2A10 identifies the party to receive the invoice for the route segment.
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	R2A01	133	**Routing Sequence Code**	M	ID 1/2
			Code describing the relationship of a carrier to a specific shipment movement		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
M	R2A02	1431	**Preference**	M	ID 1/1
			Code specifying sender's preference		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	R2A03	91	**Transportation Method/Type Code**	O	ID 1/2
			Code specifying the method or type of transportation for the shipment		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	R2A04	140	**Standard Carrier Alpha Code**	O	ID 2/4
			Standard Carrier Alpha Code		
	R2A05	309	**Location Qualifier**	O	ID 1/2
			Code identifying type of location		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	R2A06	310	**Location Identifier**	X	AN 1/30
			Code which identifies a specific location		
	R2A07	56	**Type of Service Code**	O	ID 2/2
			Code specifying extent of transportation service requested		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	R2A08	1	**Route Code**	O	AN 1/13
			Mutually defined route code		
	R2A09	742	**Route Description**	O	AN 1/35
			Point to point routing description		
	R2A10	98	**Entity Identifier Code**	O	ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual		
			Refer to 004010 Data Element Dictionary for acceptable code values.		

Segment:	**R2** Route Information	
Position:	200	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	13	
Purpose:	To specify carrier and routing sequences and details	
Syntax Notes:	**1** If R208 is present, then R207 is required.	
Semantic Notes:	**1** R203 is the station or city name at which carriers interchange shipments.	
	2 R210 is the billing date.	
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	R201	140	**Standard Carrier Alpha Code**	**M**	**ID 2/4**
			Standard Carrier Alpha Code		
M	R202	133	**Routing Sequence Code**	**M**	**ID 1/2**
			Code describing the relationship of a carrier to a specific shipment movement		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	R203	19	**City Name**	**O**	**AN 2/30**
			Free-form text for city name		
	R204	154	**Standard Point Location Code**	**O**	**ID 6/9**
			Code (Standard Point Location) defined by NMFTA point development group as the official code assigned to a city or point (for ratemaking purposes) within a city		
	R205	177	**Intermodal Service Code**	**O**	**ID 1/2**
			Code identifying the Intermodal Service Plan		
	R206	91	**Transportation Method/Type Code**	**O**	**ID 1/2**
			Code specifying the method or type of transportation for the shipment		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	R207	296	**Intermediate Switch Carrier**	**X**	**ID 2/4**
			Code defining a road which neither originates nor terminates the shipment but provides a switching service between two roadhaul rail carriers (SCAC code for rail switch carrier)		
	R208	296	**Intermediate Switch Carrier**	**O**	**ID 2/4**
			Code defining a road which neither originates nor terminates the shipment but provides a switching service between two roadhaul rail carriers (SCAC code for rail switch carrier)		
	R209	76	**Invoice Number**	**O**	**AN 1/22**
			Identifying number assigned by issuer		
	R210	373	**Date**	**O**	**DT 8/8**
			Date expressed as CCYYMMDD		
	R211	369	**Free-form Description**	**O**	**AN 1/45**
			Free-form descriptive text		
	R212	56	**Type of Service Code**	**O**	**ID 2/2**
			Code specifying extent of transportation service requested		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	R213	742	**Route Description**	**O**	**AN 1/35**

Point to point routing description

Segment:	**K1** Remarks	
Position:	210	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	12	
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
M	K101	61	**Free-Form Message**	M AN 1/30
			Free-form information	
	K102	61	**Free-Form Message**	O AN 1/30
			Free-form information	

Segment:	**H3** Special Handling Instructions	
Position:	220	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	6	
Purpose:	To specify special handling instructions in coded or free-form format	
Syntax Notes:	1 Only one of H301 or H302 may be present.	
Semantic Notes:		
Comments:		

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
H301	**152**	**Special Handling Code**	**X**	**ID 2/3**
		Code specifying special transportation handling instructions		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
H302	**153**	**Special Handling Description**	**X**	**AN 2/30**
		Free-form additional description of special handling instructions to appear on printed bill if special handling code is not adequate		
H303	**241**	**Protective Service Code**	**O**	**ID 1/4**
		Code specifying perishable protective service- rail carriers only		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
H304	**242**	**Vent Instruction Code**	**O**	**ID 1/7**
		Code specifying vent instructions		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
H305	**257**	**Tariff Application Code**	**O**	**ID 1/1**
		Code indicating to which traffic a tariff applies		
		Refer to 004010 Data Element Dictionary for acceptable code values.		

Segment:	**L5** Description, Marks and Numbers	
Position:	230	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify the line item in terms of description, quantity, packaging, and marks and numbers	
Syntax Notes:	1	If either L503 or L504 is present, then the other is required.
	2	If L507 is present, then L506 is required.
	3	If either L508 or L509 is present, then the other is required.
Semantic Notes:		
Comments:	1	L502 may be used to send quantity information as part of the product description.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
L501	213	**Lading Line Item Number**	O	N0 1/3
		Sequential line number for a lading item		
L502	79	**Lading Description**	O	AN 1/50
		Description of an item as required for rating and billing purposes		
L503	22	**Commodity Code**	X	AN 1/30
		Code describing a commodity or group of commodities		
L504	23	**Commodity Code Qualifier**	X	ID 1/1
		Code identifying the commodity coding system used for Commodity Code		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
L505	103	**Packaging Code**	O	AN 3/5
		Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required Refer to 004010 Data Element Dictionary for acceptable code values.		
L506	87	**Marks and Numbers**	X	AN 1/48
		Marks and numbers used to identify a shipment or parts of a shipment		
L507	88	**Marks and Numbers Qualifier**	O	ID 1/2
		Code specifying the application or source of Marks and Numbers (87)		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
L508	23	**Commodity Code Qualifier**	X	ID 1/1
		Code identifying the commodity coding system used for Commodity Code		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
L509	22	**Commodity Code**	X	AN 1/30
		Code describing a commodity or group of commodities		
L510	595	**Compartment ID Code**	O	ID 1/1
		Code identifying the compartment in a compartmentalized tank car		
		Refer to 004010 Data Element Dictionary for acceptable code values.		

Segment:	**C8** Certifications and Clauses
Position:	240
Loop:	C8 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify applicable certifications and clauses
Syntax Notes:	1 At least one of C803 or C802 is required.
Semantic Notes:	
Comments:	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
C801	**213**	**Lading Line Item Number**	**O**	**N0 1/3**
		Sequential line number for a lading item		
C802	**246**	**Certification/Clause Code**	**X**	**ID 2/4**
		Code identifying certification/clause information		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
C803	**247**	**Certification/Clause Text**	**X**	**AN 2/60**
		Free-form description of commercial invoice certification/clause		
C804	**1302**	**Shipper's Export Declaration Requirements**	**O**	**AN 1/2**
		Code identifying which Shipper's Export Declaration (SED) requirements are being met		

Segment:	**C8C** Certifications Clauses Continuation	
Position:	250	
Loop:	C8	Optional
Level:	Heading	
Usage:	Optional	
Max Use:	5	
Purpose:	To specify additional applicable certifications and clauses	
Syntax Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	C8C01	247	**Certification/Clause Text**	M	AN 2/60
			Free-form description of commercial invoice certification/clause		
	C8C02	247	**Certification/Clause Text**	O	AN 2/60
			Free-form description of commercial invoice certification/clause		
	C8C03	247	**Certification/Clause Text**	O	AN 2/60
			Free-form description of commercial invoice certification/clause		

Segment:	**LX** Assigned Number		
Position:	010		
Loop:	LX	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 N0 1/6
			Number assigned for differentiation within a transaction set	

Segment:	**N7** Equipment Details		
Position:	020		
Loop:	N7	Optional	
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:	To identify the equipment		
Syntax Notes:	1	If either N703 or N704 is present, then the other is required.	
	2	If either N705 or N716 is present, then the other is required.	
	3	If either N708 or N709 is present, then the other is required.	
Semantic Notes:	1	N712 is the owner of the equipment.	
	2	N723 is the operator or carrier of the rights of the equipment.	
Comments:	1	N701 is mandatory for rail transactions.	
	2	N720 and N721 are expressed in inches.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
	N701	206	**Equipment Initial**	O	AN 1/4
			Prefix or alphabetic part of an equipment unit's identifying number		
M	N702	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)		
	N703	81	**Weight**	X	R 1/10
			Numeric value of weight		
	N704	187	**Weight Qualifier**	X	ID 1/2
			Code defining the type of weight		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	N705	167	**Tare Weight**	X	N0 3/8
			Weight of the equipment		
	N706	232	**Weight Allowance**	O	N0 2/6
			Allowance made for increased weight due to such factors as snow		
	N707	205	**Dunnage**	O	N0 1/6
			Weight of material used to protect lading (even bracings, false floors, etc.)		
	N708	183	**Volume**	X	R 1/8
			Value of volumetric measure		
	N709	184	**Volume Unit Qualifier**	X	ID 1/1
			Code identifying the volume unit		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	N710	102	**Ownership Code**	O	ID 1/1
			Code indicating the relationship of equipment to carrier or ownership of equipment		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	N711	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.		
	N712	140	**Standard Carrier Alpha Code**	O	ID 2/4
			Standard Carrier Alpha Code		
	N713	319	**Temperature Control**	O	AN 3/6

Free-form abbreviation of temperature range or flash-point temperature

N714	**219**	**Position**	**O**	**AN 1/3**

Relative position of shipment in car, trailer, or container (mutually defined)

N715	**567**	**Equipment Length**	**O**	**N0 4/5**

Length (in feet and inches) of equipment ordered or used to transport shipment (The format is FFFII where FFF is feet and II is inches; the range for II is 00 through 11)

N716	**571**	**Tare Qualifier Code**	**X**	**ID 1/1**

Code identifying the type of tare

Refer to 004010 Data Element Dictionary for acceptable code values.

N717	**188**	**Weight Unit Code**	**O**	**ID 1/1**

Code specifying the weight unit

Refer to 004010 Data Element Dictionary for acceptable code values.

N718	**761**	**Equipment Number Check Digit**	**O**	**N0 1/1**

Number which designates the check digit applied to a piece of equipment

N719	**56**	**Type of Service Code**	**O**	**ID 2/2**

Code specifying extent of transportation service requested

Refer to 004010 Data Element Dictionary for acceptable code values.

N720	**65**	**Height**	**O**	**R 1/8**

Vertical dimension of an object measured when the object is in the upright position

N721	**189**	**Width**	**O**	**R 1/8**

Shorter measurement of the two horizontal dimensions measured with the object in the upright position

N722	**24**	**Equipment Type**	**O**	**ID 4/4**

Code identifying equipment type

N723	**140**	**Standard Carrier Alpha Code**	**O**	**ID 2/4**

Standard Carrier Alpha Code

N724	**301**	**Car Type Code**	**O**	**ID 1/4**

Code specifying type of rail car or intermodal equipment type and its general characteristics

Segment:	**QTY** Quantity	
Position:	025	
Loop:	N7	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify quantity information	
Syntax Notes:	1	At least one of QTY02 or QTY04 is required.
	2	Only one of QTY02 or QTY04 may be present.
Semantic Notes:	1	QTY04 is used when the quantity is non-numeric.
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	QTY01	673	**Quantity Qualifier**	M	ID 2/2
			Code specifying the type of quantity		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	QTY02	380	**Quantity**	X	R 1/15
			Numeric value of quantity		
	QTY03	C001	**Composite Unit of Measure**	O	
			To identify a composite unit of measure (See Figures Appendix for examples of use)		
M	C00101	355	**Unit or Basis for Measurement Code**	M	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	C00102	1018	**Exponent**	O	R 1/15
			Power to which a unit is raised		
	C00103	649	**Multiplier**	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
	C00104	355	**Unit or Basis for Measurement Code**	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	C00105	1018	**Exponent**	O	R 1/15
			Power to which a unit is raised		
	C00106	649	**Multiplier**	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
	C00107	355	**Unit or Basis for Measurement Code**	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	C00108	1018	**Exponent**	O	R 1/15
			Power to which a unit is raised		
	C00109	649	**Multiplier**	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
	C00110	355	**Unit or Basis for Measurement Code**	O	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken
Refer to 004010 Data Element Dictionary for acceptable code values.

C00111	**1018**	**Exponent**	**O**	**R 1/15**
		Power to which a unit is raised		
C00112	**649**	**Multiplier**	**O**	**R 1/10**
		Value to be used as a multiplier to obtain a new value		
C00113	**355**	**Unit or Basis for Measurement Code**	**O**	**ID 2/2**
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
C00114	**1018**	**Exponent**	**O**	**R 1/15**
		Power to which a unit is raised		
C00115	**649**	**Multiplier**	**O**	**R 1/10**
		Value to be used as a multiplier to obtain a new value		
QTY04	**61**	**Free-Form Message**	**X**	**AN 1/30**
		Free-form information		

Segment:	**V4** **Cargo Location Reference**		
Position:	030		
Loop:	N7	Optional	
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:	To specify the cargo location on board the vessel		
Syntax Notes:			
Semantic Notes:			
Comments:			

Data Element Summary

	Ref. Des.	**Data Element**	**Name**	**Attributes**
M	V401	877	**Vessel Stowage Location**	M AN 1/12
			Location of cargo stowed on board an ocean vessel	

Segment:	**N12** Equipment Environment			
Position:	040			
Loop:	N7	Optional		
Level:	Detail			
Usage:	Optional			
Max Use:	1			
Purpose:	To describe the operating environment of the equipment			
Syntax Notes:				
Semantic Notes:				
Comments:				

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	N1201	829	**Fuel Type**	M	ID 1/1
			Code used to identify type of fuel		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
M	N1202	C001	**Composite Unit of Measure**	M	
			To identify a composite unit of measure (See Figures Appendix for examples of use)		
M	C00101	355	**Unit or Basis for Measurement Code**	M	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	C00102	1018	**Exponent**	O	R 1/15
			Power to which a unit is raised		
	C00103	649	**Multiplier**	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
	C00104	355	**Unit or Basis for Measurement Code**	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	C00105	1018	**Exponent**	O	R 1/15
			Power to which a unit is raised		
	C00106	649	**Multiplier**	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
	C00107	355	**Unit or Basis for Measurement Code**	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	C00108	1018	**Exponent**	O	R 1/15
			Power to which a unit is raised		
	C00109	649	**Multiplier**	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
	C00110	355	**Unit or Basis for Measurement Code**	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	C00111	1018	**Exponent**	O	R 1/15

Power to which a unit is raised

| C00112 | 649 | **Multiplier** | **O** | **R 1/10** |

Value to be used as a multiplier to obtain a new value

| C00113 | 355 | **Unit or Basis for Measurement Code** | **O** | **ID 2/2** |

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken
Refer to 004010 Data Element Dictionary for acceptable code values.

| C00114 | 1018 | **Exponent** | **O** | **R 1/15** |

Power to which a unit is raised

| C00115 | 649 | **Multiplier** | **O** | **R 1/10** |

Value to be used as a multiplier to obtain a new value

Segment:		$M7$ Seal Numbers		
Position:		050		
Loop:		N7		Optional
Level:		Detail		
Usage:		Optional		
Max Use:		5		
Purpose:		To record seal numbers used and the organization that applied the seals		
Syntax Notes:				
Semantic Notes:				
Comments:		1	M705 indicates the name of the organization which applied the seal(s).	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	M701	225	**Seal Number**	M	**AN 2/15**
			Unique number on seal used to close a shipment		
	M702	225	**Seal Number**	O	**AN 2/15**
			Unique number on seal used to close a shipment		
	M703	225	**Seal Number**	O	**AN 2/15**
			Unique number on seal used to close a shipment		
	M704	225	**Seal Number**	O	**AN 2/15**
			Unique number on seal used to close a shipment		
	M705	98	**Entity Identifier Code**	O	**ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual		
			Refer to 004010 Data Element Dictionary for acceptable code values.		

Segment:		$W09$ **Equipment and Temperature**	
Position:	060		
Loop:	N7	Optional	
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:	To relate equipment type and required temperatures		
Syntax Notes:	**1**	If either W0902 or W0903 is present, then the other is required.	
	2	If either W0904 or W0905 is present, then the other is required.	
Semantic Notes:	**1**	W0902 is the minimum allowable temperature condition for shipment; (the qualifying temperature scale is specified in W0903).	
	2	W0904 is the maximum allowable temperature condition for shipment; (the qualifying temperature scale is specified in W0905).	
	3	W0906 is used to describe the environment required within an ocean-type, refrigerated container when other than normal air is required.	
	4	W0908 is the humidity percentage.	
	5	W0909 is the number of air exchanges per hour.	
Comments:			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**W0901**	**40**	**Equipment Description Code**	**M**	**ID 2/2**
			Code identifying type of equipment used for shipment		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	W0902	**408**	**Temperature**	**X**	**R 1/4**
			Temperature		
	W0903	**355**	**Unit or Basis for Measurement Code**	**X**	**ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	W0904	**408**	**Temperature**	**X**	**R 1/4**
			Temperature		
	W0905	**355**	**Unit or Basis for Measurement Code**	**X**	**ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	W0906	**3**	**Free Form Message**	**O**	**AN 1/60**
			Free-form text		
	W0907	**1122**	**Vent Setting Code**	**O**	**ID 1/1**
			Code describing the setting on the air vents on ocean-type containers		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	W0908	**488**	**Percent**	**O**	**N0 1/3**
			Percent expressed as 0 to 100		
	W0909	**380**	**Quantity**	**O**	**R 1/15**
			Numeric value of quantity		

Segment:	**L1** Rate and Charges	
Position:	070	
Loop:	L1	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify rate and charges detail relative to a line item including freight charges, advances, special charges, and entitlements	
Syntax Notes:	1	If either L102 or L103 is present, then the other is required.
	2	At least one of L104 is required.
	3	If either L114 or L115 is present, then the other is required.
	4	If either L117 or L118 is present, then the other is required.
Semantic Notes:	1	L119 is the percent used to determine the charge in L104.
	2	L120, if used, indicates the currency for all monetary amounts in this L1 segment.
	3	L121 is the origin rated as charge amount.
Comments:		

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
L101	213	**Lading Line Item Number**	O	N0 1/3
		Sequential line number for a lading item		
L102	60	**Freight Rate**	X	R 1/9
		Rate that applies to the specific commodity		
L103	122	**Rate/Value Qualifier**	X	ID 2/2
		Code qualifying how to extend charges or interpret value		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
L104	58	**Charge**	M	N2 1/12
		For a line item: freight or special charge; for the total invoice: the total charges -- expressed in the standard monetary denomination for the currency specified		
L105	191	**Advances**	O	N2 1/9
		Incidental charges occurring during transportation which are not generally considered to be freight charges (examples - stop charges, diversion and reconsignment, icing) expressed in the standard monetary denomination for the currency specified		
L106	117	**Prepaid Amount**	O	N2 1/9
		Money paid at point of origin (usually by shipper) expressed in the standard monetary denomination for the currency specified		
L107	120	**Rate Combination Point Code**	O	AN 3/9
		The code denoting the connecting station for a joint rate obtained by combining two or more published rates which are used for the calculation of transportation charges		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
L108	150	**Special Charge or Allowance Code**	M	ID 3/3
		Code identifying type of special charge or allowance		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
L109	121	**Rate Class Code**	O	ID 1/3
		Code identifying specifically designated class of goods; Note: For international air shipments, see IATA Resolution 600k		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
L110	39	**Entitlement Code**	O	ID 1/1

Code identifying entitlement party

Refer to 004010 Data Element Dictionary for acceptable code values.

| L111 | 16 | **Charge Method of Payment** | **O** | **ID 1/1** |

Code defining method of payment

Refer to 004010 Data Element Dictionary for acceptable code values.

| L112 | 276 | **Special Charge Description** | **O** | **AN 2/25** |

Identification of special charge; this data element is used whenever an applicable code cannot be found in data element 150

| L113 | 257 | **Tariff Application Code** | **O** | **ID 1/1** |

Code indicating to which traffic a tariff applies

Refer to 004010 Data Element Dictionary for acceptable code values.

| L114 | 74 | **Declared Value** | **X** | **N2 2/12** |

Monetary assigned value expressed in the standard monetary denomination for the currency specified

| L115 | 122 | **Rate/Value Qualifier** | **X** | **ID 2/2** |

Code qualifying how to extend charges or interpret value

Refer to 004010 Data Element Dictionary for acceptable code values.

| L116 | 372 | **Lading Liability Code** | **O** | **ID 1/1** |

Code identifying limits of liability

Refer to 004010 Data Element Dictionary for acceptable code values.

| L117 | 220 | **Billed/Rated-as Quantity** | **X** | **R 1/11** |

Basis for rating (miles, value, volume, etc.); Note: Weight may be defined by either data element 220 or 81

| L118 | 221 | **Billed/Rated-as Qualifier** | **X** | **ID 2/2** |

Code identifying the type of quantity or value on which the rate or item pricing is based
Refer to 004010 Data Element Dictionary for acceptable code values.

| L119 | 954 | **Percent** | **O** | **R 1/10** |

Percentage expressed as a decimal

| L120 | 100 | **Currency Code** | **O** | **ID 3/3** |

Code (Standard ISO) for country in whose currency the charges are specified

| L121 | 610 | **Amount** | **O** | **N2 1/15** |

Monetary amount

Segment:	**C3** Currency	
Position:	080	
Loop:	L1	Optional
Level:	Detail	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To specify the currency being used in the transaction set	
Syntax Notes:		
Semantic Notes:	1	C301 is the billing currency.
	2	C303 is the payment currency.
	3	C304 is the rated currency.
Comments:	1	Currency is implied by the code for the country in whose currency the monetary amounts are specified.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	C301	100	Currency Code	M	ID 3/3
			Code (Standard ISO) for country in whose currency the charges are specified		
	C302	280	Exchange Rate	O	R 4/10
			Value to be used as a multiplier conversion factor to convert monetary value from one currency to another		
	C303	100	Currency Code	O	ID 3/3
			Code (Standard ISO) for country in whose currency the charges are specified		
	C304	100	Currency Code	O	ID 3/3
			Code (Standard ISO) for country in whose currency the charges are specified		

Segment:	**L7** Tariff Reference	
Position:	090	
Loop:	N7	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To reference details of the tariff used to arrive at applicable rates or charge	
Syntax Notes:		
Semantic Notes:	1	L710 is the effective date.
	2	In L715 and L716, "City" and "State" are used for rate combination city and state.
Comments:		

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
L701	213	**Lading Line Item Number**	O	N0 1/3
		Sequential line number for a lading item		
L702	168	**Tariff Agency Code**	O	ID 1/4
		Code defining the tariff bureau or tariff publishing agent that governs the rates applied to this shipment		
L703	171	**Tariff Number**	O	AN 1/7
		Standard tariff number for the tariff which governs the rates applied to the commodity item(s)		
L704	172	**Tariff Section**	O	AN 1/2
		Number used as an extension of the basic tariff number to identify the rates published within specific sections of the tariff		
L705	169	**Tariff Item Number**	O	AN 1/16
		Number assigned in the tariff to specific rate or group of rates that applies to one or more items in the shipment		
L706	170	**Tariff Item Part**	O	N0 1/2
		Number assigned to subsection of a specific tariff item (arbitrary)		
L707	59	**Freight Class Code**	O	AN 2/5
		Code indicating generalized classification that applies to one or more items in the shipment, i.e., class 70, 77.5, etc.		
L708	173	**Tariff Supplement Identifier**	O	AN 1/4
		Identifier for the tariff supplement which contains the rate used		
L709	46	**Ex Parte**	O	AN 4/4
		Level of rates as published in the tariff		
L710	373	**Date**	O	DT 8/8
		Date expressed as CCYYMMDD		
L711	119	**Rate Basis Number**	O	AN 1/6
		The (mileage) factor published for rating purposes in the appropriate tariff		
L712	227	**Tariff Column**	O	AN 1/2
		A tariff commodity classification that is used, as a means of control, for grouping of commodities in tariff applications		
L713	294	**Tariff Distance**	O	N0 1/5
		Distance on which the rate for a shipment is based		
L714	295	**Distance Qualifier**	O	ID 1/1
		Code identifying the distance unit		
		Refer to 004010 Data Element Dictionary for acceptable code values.		

L715	**19**	**City Name**		**O**	**AN 2/30**
		Free-form text for city name			
L716	**156**	**State or Province Code**		**O**	**ID 2/2**
		Code (Standard State/Province) as defined by appropriate government agency			

Segment:	**X1** Export License	
Position:	100	
Loop:	N7	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To transmit information contained on an export license	
Syntax Notes:		
Semantic Notes:	1	X104 is the export license expiration date.
	2	X116 is the export classification code number (ECCN).
Comments:		

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
X101	**83**	**Licensing Agency Code**	**O ID 1/1**
		Code for licensing agency	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
X102	**50**	**Export License Number**	**O AN 6/12**
		Government assigned identification number for exporter	
X103	**51**	**Export License Status Code**	**O ID 1/1**
		Code defining whether the shipment completes the terms of the license, or the shipment is only a partial delivery relative to the license terms	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
X104	**373**	**Date**	**O DT 8/8**
		Date expressed as CCYYMMDD	
X105	**52**	**Export License Symbol Code**	**O ID 1/2**
		Code which specifies the export symbol marked on a shipment	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
X106	**48**	**Export License Control Code**	**O ID 1/1**
		Code indicating the type of control applicable to the export license	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
X107	**26**	**Country Code**	**O ID 2/3**
		Code identifying the country	
X108	**141**	**Schedule B Code**	**O ID 7/10**
		Code identifying commodity number established for international statistical purposes	
X109	**210**	**International/Domestic Code**	**O ID 1/1**
		Code indicating international or domestic shipment	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
X110	**80**	**Lading Quantity**	**O N0 1/7**
		Number of units (pieces) of the lading commodity	
X111	**148**	**Lading Value**	**O R 2/9**
		Value of shipment for export, expressed in the standard monetary denomination for the currency specified	
X112	**47**	**Export Filing Key Code**	**O ID 1/1**
		Code indicating the type of communications with customs	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
X113	**355**	**Unit or Basis for Measurement Code**	**O ID 2/2**

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Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken
Refer to 004010 Data Element Dictionary for acceptable code values.

X114	**212**	**Unit Price**	**O**	**R 1/17**

Price per unit of product, service, commodity, etc.

X115	**1306**	**U.S. Government License Type**	**O**	**AN 1/1**

Code to identify the type of government license involved

X116	**67**	**Identification Code**	**O**	**AN 2/80**

Code identifying a party or other code

Segment:	**X2** Import License		
Position:	110		
Loop:	N7	Optional	
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:	To transmit import license number and effective dates		
Syntax Notes:	1	If X205 is present, then X204 is required.	
	2	If X206 is present, then X204 is required.	
Semantic Notes:	1	X202 is the date the import license was issued.	
	2	X203 is the date the import license expires.	
	3	X205 is the date the import license was issued.	
	4	X206 is the date the import license expires.	
Comments:	1	X204 through X206 are used to transmit letter of credit amendment or addendum information.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**X201**	**70**	**Import License Number**	**M**	**AN 6/30**
			Government assigned identification number for importer of foreign shipments		
	X202	**373**	**Date**	**O**	**DT 8/8**
			Date expressed as CCYYMMDD		
	X203	**373**	**Date**	**O**	**DT 8/8**
			Date expressed as CCYYMMDD		
	X204	**70**	**Import License Number**	**X**	**AN 6/30**
			Government assigned identification number for importer of foreign shipments		
	X205	**373**	**Date**	**O**	**DT 8/8**
			Date expressed as CCYYMMDD		
	X206	**373**	**Date**	**O**	**DT 8/8**
			Date expressed as CCYYMMDD		

Segment:	**N9** Reference Identification	
Position:	120	
Loop:	N7	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	3	
Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier	
Syntax Notes:	1	At least one of N902 or N903 is required.
	2	If N906 is present, then N905 is required.
	3	If either C04003 or C04004 is present, then the other is required.
	4	If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1	N906 reflects the time zone which the time reflects.
	2	N907 contains data relating to the value cited in N902.
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	N901	128	**Reference Identification Qualifier**	M	ID 2/3
			Code qualifying the Reference Identification		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	N902	127	**Reference Identification**	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
	N903	369	**Free-form Description**	X	AN 1/45
			Free-form descriptive text		
	N904	373	**Date**	O	DT 8/8
			Date expressed as CCYYMMDD		
	N905	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)		
	N906	623	**Time Code**	O	ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow Refer to 004010 Data Element Dictionary for acceptable code values.		
	N907	C040	**Reference Identifier**	O	
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier		
M	C04001	128	**Reference Identification Qualifier**	M	ID 2/3
			Code qualifying the Reference Identification		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
M	C04002	127	**Reference Identification**	M	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
	C04003	128	**Reference Identification Qualifier**	X	ID 2/3
			Code qualifying the Reference Identification		

Refer to 004010 Data Element Dictionary for acceptable code values.

C04004	**127**	**Reference Identification**	**X**	**AN 1/30**

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

C04005	**128**	**Reference Identification Qualifier**	**X**	**ID 2/3**

Code qualifying the Reference Identification

Refer to 004010 Data Element Dictionary for acceptable code values.

C04006	**127**	**Reference Identification**	**X**	**AN 1/30**

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

Segment:	**H1** Hazardous Material	
Position:	130	
Loop:	H1	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify information relative to hazardous material	
Syntax Notes:	1	If either H107 or H108 is present, then the other is required.
Semantic Notes:		
Comments:	1	This segment is required when the shipment contains hazardous material.
	2	H107 is the lowest temperature for hazardous materials.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	H101	62	**Hazardous Material Code**	M	AN 4/10
			Code relating to hazardous material code qualifier for regulated hazardous materials		
	H102	209	**Hazardous Material Class Code**	O	AN 1/4
			Code specifying the kind of hazard for a material		
	H103	208	**Hazardous Material Code Qualifier**	O	ID 1/1
			Code which qualifies the Hazardous Material Class Code (209)		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	H104	64	**Hazardous Material Description**	O	AN 2/30
			Material name, special instructions, and phone number if any		
	H105	63	**Hazardous Material Contact**	O	AN 1/24
			Phone number and name of person or department to contact in case of emergency		
	H106	200	**Hazardous Materials Page**	O	AN 1/6
			The United Nations page number as required for the international transport of hazardous materials		
	H107	77	**Flashpoint Temperature**	X	N 1/3
			The flashpoint temperature for hazardous material		
	H108	355	**Unit or Basis for Measurement Code**	X	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	H109	254	**Packing Group Code**	O	ID 1/3
			Code indicating degree of danger in terms of Roman number I, II or III		

Segment:	**H2** Additional Hazardous Material Description			
Position:	140			
Loop:	H1	Optional		
Level:	Detail			
Usage:	Optional			
Max Use:	10			
Purpose:	To specify free-form hazardous material descriptive data in addition to the information provided in the H1 segment			
Syntax Notes:				
Semantic Notes:				
Comments:				

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	H201	64	**Hazardous Material Description**	M	AN 2/30
			Material name, special instructions, and phone number if any		
	H202	274	**Hazardous Material Classification**	O	AN 1/30
			Free-form description of hazardous material classification or division or label requirements		

Segment:	**L0** Line Item - Quantity and Weight	
Position:	150	
Loop:	L0	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify quantity, weight, volume, and type of service for a line item including applicable "quantity/rate-as" data	
Syntax Notes:	1	If either L002 or L003 is present, then the other is required.
	2	If either L004 or L005 is present, then the other is required.
	3	If either L006 or L007 is present, then the other is required.
	4	If either L008 or L009 is present, then the other is required.
	5	If L011 is present, then L004 is required.
	6	If either L013 or L015 is present, then the other is required.
Semantic Notes:	1	L008 is the number of handling units of the line item tendered to the carrier.
	2	L013 can only be used if the code in L009 is PLT, SKD, or SLP.
	3	L015 designates whether the carrier will be required to verify the number of units contained on a pallet, slip sheet or skid. Code "Y" indicates that the carrier will be required to verify. Code "N" indicates that the carrier will not be required to verify.
Comments:	1	L013 is used to convey the total number of boxes, cartons, or pieces contained on a pallet, skid, or slip sheet for the line item.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
L001	213	**Lading Line Item Number**	O	N0 1/3
		Sequential line number for a lading item		
L002	220	**Billed/Rated-as Quantity**	X	R 1/11
		Basis for rating (miles, value, volume, etc.); Note: Weight may be defined by either data element 220 or 81		
L003	221	**Billed/Rated-as Qualifier**	X	ID 2/2
		Code identifying the type of quantity or value on which the rate or item pricing is based		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
L004	81	**Weight**	X	R 1/10
		Numeric value of weight		
L005	187	**Weight Qualifier**	X	ID 1/2
		Code defining the type of weight		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
L006	183	**Volume**	X	R 1/8
		Value of volumetric measure		
L007	184	**Volume Unit Qualifier**	X	ID 1/1
		Code identifying the volume unit		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
L008	80	**Lading Quantity**	X	N0 1/7
		Number of units (pieces) of the lading commodity		
L009	211	**Packaging Form Code**	X	ID 3/3
		Code for packaging form of the lading quantity		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
L010	458	**Dunnage Description**	O	AN 2/25

Material used to protect lading

L011	**188**	**Weight Unit Code**	**O**	**ID 1/1**

Code specifying the weight unit

Refer to 004010 Data Element Dictionary for acceptable code values.

L012	**56**	**Type of Service Code**	**O**	**ID 2/2**

Code specifying extent of transportation service requested

Refer to 004010 Data Element Dictionary for acceptable code values.

L013	**380**	**Quantity**	**X**	**R 1/15**

Numeric value of quantity

L014	**211**	**Packaging Form Code**	**O**	**ID 3/3**

Code for packaging form of the lading quantity

Refer to 004010 Data Element Dictionary for acceptable code values.

L015	**1073**	**Yes/No Condition or Response Code**	**X**	**ID 1/1**

Code indicating a Yes or No condition or response

Refer to 004010 Data Element Dictionary for acceptable code values.

Segment:	**L5** Description, Marks and Numbers	
Position:	160	
Loop:	L0	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	999	
Purpose:	To specify the line item in terms of description, quantity, packaging, and marks and numbers	
Syntax Notes:	1 If either L503 or L504 is present, then the other is required.	
	2 If L507 is present, then L506 is required.	
	3 If either L508 or L509 is present, then the other is required.	
Semantic Notes:		
Comments:	1 L502 may be used to send quantity information as part of the product description.	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
L501	213	**Lading Line Item Number**	O	N0 1/3
		Sequential line number for a lading item		
L502	79	**Lading Description**	O	AN 1/50
		Description of an item as required for rating and billing purposes		
L503	22	**Commodity Code**	X	AN 1/30
		Code describing a commodity or group of commodities		
L504	23	**Commodity Code Qualifier**	X	ID 1/1
		Code identifying the commodity coding system used for Commodity Code		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
L505	103	**Packaging Code**	O	AN 3/5
		Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required Refer to 004010 Data Element Dictionary for acceptable code values.		
L506	87	**Marks and Numbers**	X	AN 1/48
		Marks and numbers used to identify a shipment or parts of a shipment		
L507	88	**Marks and Numbers Qualifier**	O	ID 1/2
		Code specifying the application or source of Marks and Numbers (87)		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
L508	23	**Commodity Code Qualifier**	X	ID 1/1
		Code identifying the commodity coding system used for Commodity Code		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
L509	22	**Commodity Code**	X	AN 1/30
		Code describing a commodity or group of commodities		
L510	595	**Compartment ID Code**	O	ID 1/1
		Code identifying the compartment in a compartmentalized tank car		
		Refer to 004010 Data Element Dictionary for acceptable code values.		

Segment:	**L1** Rate and Charges		
Position:	170		
Loop:	L1	Optional	
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:	To specify rate and charges detail relative to a line item including freight charges, advances, special charges, and entitlements		
Syntax Notes:	1	If either L102 or L103 is present, then the other is required.	
	2	At least one of L104 L105 or L106 is required.	
	3	If either L114 or L115 is present, then the other is required.	
	4	If either L117 or L118 is present, then the other is required.	
Semantic Notes:	1	L119 is the percent used to determine the charge in L104.	
	2	L120, if used, indicates the currency for all monetary amounts in this L1 segment.	
	3	L121 is the origin rated as charge amount.	
Comments:			

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
L101	213	**Lading Line Item Number**	O N0 1/3
		Sequential line number for a lading item	
L102	60	**Freight Rate**	X R 1/9
		Rate that applies to the specific commodity	
L103	122	**Rate/Value Qualifier**	X ID 2/2
		Code qualifying how to extend charges or interpret value	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
L104	58	**Charge**	X N2 1/12
		For a line item: freight or special charge; for the total invoice: the total charges -- expressed in the standard monetary denomination for the currency specified	
L105	191	**Advances**	X N2 1/9
		Incidental charges occurring during transportation which are not generally considered to be freight charges (examples - stop charges, diversion and reconsignment, icing) expressed in the standard monetary denomination for the currency specified	
L106	117	**Prepaid Amount**	X N2 1/9
		Money paid at point of origin (usually by shipper) expressed in the standard monetary denomination for the currency specified	
L107	120	**Rate Combination Point Code**	O AN 3/9
		The code denoting the connecting station for a joint rate obtained by combining two or more published rates which are used for the calculation of transportation charges	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
L108	150	**Special Charge or Allowance Code**	O ID 3/3
		Code identifying type of special charge or allowance	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
L109	121	**Rate Class Code**	O ID 1/3
		Code identifying specifically designated class of goods; Note: For international air shipments, see IATA Resolution 600k	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
L110	39	**Entitlement Code**	O ID 1/1

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Code identifying entitlement party

Refer to 004010 Data Element Dictionary for acceptable code values.

L111	**16**	**Charge Method of Payment**	**O**	**ID 1/1**

Code defining method of payment

Refer to 004010 Data Element Dictionary for acceptable code values.

L112	**276**	**Special Charge Description**	**O**	**AN 2/25**

Identification of special charge; this data element is used whenever an applicable code cannot be found in data element 150

L113	**257**	**Tariff Application Code**	**O**	**ID 1/1**

Code indicating to which traffic a tariff applies

Refer to 004010 Data Element Dictionary for acceptable code values.

L114	**74**	**Declared Value**	**X**	**N2 2/12**

Monetary assigned value expressed in the standard monetary denomination for the currency specified

L115	**122**	**Rate/Value Qualifier**	**X**	**ID 2/2**

Code qualifying how to extend charges or interpret value

Refer to 004010 Data Element Dictionary for acceptable code values.

L116	**372**	**Lading Liability Code**	**O**	**ID 1/1**

Code identifying limits of liability

Refer to 004010 Data Element Dictionary for acceptable code values.

L117	**220**	**Billed/Rated-as Quantity**	**X**	**R 1/11**

Basis for rating (miles, value, volume, etc.); Note: Weight may be defined by either data element 220 or 81

L118	**221**	**Billed/Rated-as Qualifier**	**X**	**ID 2/2**

Code identifying the type of quantity or value on which the rate or item pricing is based
Refer to 004010 Data Element Dictionary for acceptable code values.

L119	**954**	**Percent**	**O**	**R 1/10**

Percentage expressed as a decimal

L120	**100**	**Currency Code**	**O**	**ID 3/3**

Code (Standard ISO) for country in whose currency the charges are specified

L121	**610**	**Amount**	**O**	**N2 1/15**

Monetary amount

Segment:	**C3** Currency	
Position:	180	
Loop:	L1	Optional
Level:	Detail	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To specify the currency being used in the transaction set	
Syntax Notes:		
Semantic Notes:	1	C301 is the billing currency.
	2	C303 is the payment currency.
	3	C304 is the rated currency.
Comments:	1	Currency is implied by the code for the country in whose currency the monetary amounts are specified.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	C301	100	Currency Code	M	ID 3/3
			Code (Standard ISO) for country in whose currency the charges are specified		
	C302	280	Exchange Rate	O	R 4/10
			Value to be used as a multiplier conversion factor to convert monetary value from one currency to another		
	C303	100	Currency Code	O	ID 3/3
			Code (Standard ISO) for country in whose currency the charges are specified		
	C304	100	Currency Code	O	ID 3/3
			Code (Standard ISO) for country in whose currency the charges are specified		

Segment:	**L7** Tariff Reference	
Position:	190	
Loop:	L0	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To reference details of the tariff used to arrive at applicable rates or charge	
Syntax Notes:		
Semantic Notes:	1	L710 is the effective date.
	2	In L715 and L716, "City" and "State" are used for rate combination city and state.
Comments:		

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
L701	213	**Lading Line Item Number**	O	N0 1/3
		Sequential line number for a lading item		
L702	168	**Tariff Agency Code**	O	ID 1/4
		Code defining the tariff bureau or tariff publishing agent that governs the rates applied to this shipment		
L703	171	**Tariff Number**	O	AN 1/7
		Standard tariff number for the tariff which governs the rates applied to the commodity item(s)		
L704	172	**Tariff Section**	O	AN 1/2
		Number used as an extension of the basic tariff number to identify the rates published within specific sections of the tariff		
L705	169	**Tariff Item Number**	O	AN 1/16
		Number assigned in the tariff to specific rate or group of rates that applies to one or more items in the shipment		
L706	170	**Tariff Item Part**	O	N0 1/2
		Number assigned to subsection of a specific tariff item (arbitrary)		
L707	59	**Freight Class Code**	O	AN 2/5
		Code indicating generalized classification that applies to one or more items in the shipment, i.e., class 70, 77.5, etc.		
L708	173	**Tariff Supplement Identifier**	O	AN 1/4
		Identifier for the tariff supplement which contains the rate used		
L709	46	**Ex Parte**	O	AN 4/4
		Level of rates as published in the tariff		
L710	373	**Date**	O	DT 8/8
		Date expressed as CCYYMMDD		
L711	119	**Rate Basis Number**	O	AN 1/6
		The (mileage) factor published for rating purposes in the appropriate tariff		
L712	227	**Tariff Column**	O	AN 1/2
		A tariff commodity classification that is used, as a means of control, for grouping of commodities in tariff applications		
L713	294	**Tariff Distance**	O	N0 1/5
		Distance on which the rate for a shipment is based		
L714	295	**Distance Qualifier**	O	ID 1/1
		Code identifying the distance unit		
		Refer to 004010 Data Element Dictionary for acceptable code values.		

L715	**19**	**City Name**	**O**	**AN 2/30**
		Free-form text for city name		
L716	**156**	**State or Province Code**	**O**	**ID 2/2**
		Code (Standard State/Province) as defined by appropriate government agency		

Segment:	**X1** Export License
Position:	200
Loop:	L0 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To transmit information contained on an export license
Syntax Notes:	
Semantic Notes:	1 X104 is the export license expiration date.
	2 X116 is the export classification code number (ECCN).
Comments:	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
X101	83	**Licensing Agency Code**	O	ID 1/1
		Code for licensing agency		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
X102	50	**Export License Number**	O	AN 6/12
		Government assigned identification number for exporter		
X103	51	**Export License Status Code**	O	ID 1/1
		Code defining whether the shipment completes the terms of the license, or the shipment is only a partial delivery relative to the license terms		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
X104	373	**Date**	O	DT 8/8
		Date expressed as CCYYMMDD		
X105	52	**Export License Symbol Code**	O	ID 1/2
		Code which specifies the export symbol marked on a shipment		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
X106	48	**Export License Control Code**	O	ID 1/1
		Code indicating the type of control applicable to the export license		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
X107	26	**Country Code**	O	ID 2/3
		Code identifying the country		
X108	141	**Schedule B Code**	O	ID 7/10
		Code identifying commodity number established for international statistical purposes		
X109	210	**International/Domestic Code**	O	ID 1/1
		Code indicating international or domestic shipment		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
X110	80	**Lading Quantity**	O	N0 1/7
		Number of units (pieces) of the lading commodity		
X111	148	**Lading Value**	O	R 2/9
		Value of shipment for export, expressed in the standard monetary denomination for the currency specified		
X112	47	**Export Filing Key Code**	O	ID 1/1
		Code indicating the type of communications with customs		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
X113	355	**Unit or Basis for Measurement Code**	O	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken
Refer to 004010 Data Element Dictionary for acceptable code values.

X114	**212**	**Unit Price**	**O**	**R 1/17**

Price per unit of product, service, commodity, etc.

X115	**1306**	**U.S. Government License Type**	**O**	**AN 1/1**

Code to identify the type of government license involved

X116	**67**	**Identification Code**	**O**	**AN 2/80**

Code identifying a party or other code

Segment:	**X2** Import License	
Position:	210	
Loop:	L0	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To transmit import license number and effective dates	
Syntax Notes:	**1** If X205 is present, then X204 is required.	
	2 If X206 is present, then X204 is required.	
Semantic Notes:	**1** X202 is the date the import license was issued.	
	2 X203 is the date the import license expires.	
	3 X205 is the date the import license was issued.	
	4 X206 is the date the import license expires.	
Comments:	**1** X204 through X206 are used to transmit letter of credit amendment or addendum information.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**X201**	**70**	**Import License Number**	**M**	**AN 6/30**
			Government assigned identification number for importer of foreign shipments		
	X202	**373**	**Date**	**O**	**DT 8/8**
			Date expressed as CCYYMMDD		
	X203	**373**	**Date**	**O**	**DT 8/8**
			Date expressed as CCYYMMDD		
	X204	**70**	**Import License Number**	**X**	**AN 6/30**
			Government assigned identification number for importer of foreign shipments		
	X205	**373**	**Date**	**O**	**DT 8/8**
			Date expressed as CCYYMMDD		
	X206	**373**	**Date**	**O**	**DT 8/8**
			Date expressed as CCYYMMDD		

Segment:	**C8** Certifications and Clauses			
Position:	220			
Loop:	C8	Optional		
Level:	Detail			
Usage:	Optional			
Max Use:	1			
Purpose:	To specify applicable certifications and clauses			
Syntax Notes:	1	At least one of C803 or C802 is required.		
Semantic Notes:				
Comments:				

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
C801	**213**	**Lading Line Item Number**	**O**	**N0 1/3**
		Sequential line number for a lading item		
C802	**246**	**Certification/Clause Code**	**X**	**ID 2/4**
		Code identifying certification/clause information		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
C803	**247**	**Certification/Clause Text**	**X**	**AN 2/60**
		Free-form description of commercial invoice certification/clause		
C804	**1302**	**Shipper's Export Declaration Requirements**	**O**	**AN 1/2**
		Code identifying which Shipper's Export Declaration (SED) requirements are being met		

Segment:	**C8C** Certifications Clauses Continuation		
Position:	221		
Loop:	C8	Optional	
Level:	Detail		
Usage:	Optional		
Max Use:	5		
Purpose:	To specify additional applicable certifications and clauses		
Syntax Notes:			
Semantic Notes:			
Comments:			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**C8C01**	**247**	**Certification/Clause Text**	**M**	**AN 2/60**
			Free-form description of commercial invoice certification/clause		
	C8C02	**247**	**Certification/Clause Text**	**O**	**AN 2/60**
			Free-form description of commercial invoice certification/clause		
	C8C03	**247**	**Certification/Clause Text**	**O**	**AN 2/60**
			Free-form description of commercial invoice certification/clause		

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Segment:	**H1** Hazardous Material		
Position:	230		
Loop:	H1	Optional	
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:	To specify information relative to hazardous material		
Syntax Notes:	**1**	If either H107 or H108 is present, then the other is required.	
Semantic Notes:			
Comments:	**1**	This segment is required when the shipment contains hazardous material.	
	2	H107 is the lowest temperature for hazardous materials.	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	H101	62	**Hazardous Material Code**	**M**	**AN 4/10**
			Code relating to hazardous material code qualifier for regulated hazardous materials		
	H102	209	**Hazardous Material Class Code**	**O**	**AN 1/4**
			Code specifying the kind of hazard for a material		
	H103	208	**Hazardous Material Code Qualifier**	**O**	**ID 1/1**
			Code which qualifies the Hazardous Material Class Code (209)		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	H104	64	**Hazardous Material Description**	**O**	**AN 2/30**
			Material name, special instructions, and phone number if any		
	H105	63	**Hazardous Material Contact**	**O**	**AN 1/24**
			Phone number and name of person or department to contact in case of emergency		
	H106	200	**Hazardous Materials Page**	**O**	**AN 1/6**
			The United Nations page number as required for the international transport of hazardous materials		
	H107	77	**Flashpoint Temperature**	**X**	**N 1/3**
			The flashpoint temperature for hazardous material		
	H108	355	**Unit or Basis for Measurement Code**	**X**	**ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	H109	254	**Packing Group Code**	**O**	**ID 1/3**
			Code indicating degree of danger in terms of Roman number I, II or III		

Segment:	**H2** Additional Hazardous Material Description	
Position:	240	
Loop:	H1	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	10	
Purpose:	To specify free-form hazardous material descriptive data in addition to the information provided in the H1 segment	
Syntax Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	H201	64	**Hazardous Material Description**	M	AN 2/30
			Material name, special instructions, and phone number if any		
	H202	274	**Hazardous Material Classification**	O	AN 1/30
			Free-form description of hazardous material classification or division or label requirements		

Segment:	**L3** Total Weight and Charges	
Position:	010	
Loop:		
Level:	Summary	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To specify the total shipment in terms of weight, volume, rates, charges, advances, and prepaid amounts applicable to one or more line items	
Syntax Notes:	1	If either L301 or L302 is present, then the other is required.
	2	If either L303 or L304 is present, then the other is required.
	3	If either L309 or L310 is present, then the other is required.
	4	If L312 is present, then L301 is required.
	5	If either L314 or L315 is present, then the other is required.
Semantic Notes:	1	L305 is the total charges.
Comments:		

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
L301	**81**	**Weight**	**X**	**R 1/10**
		Numeric value of weight		
L302	**187**	**Weight Qualifier**	**X**	**ID 1/2**
		Code defining the type of weight		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
L303	**60**	**Freight Rate**	**X**	**R 1/9**
		Rate that applies to the specific commodity		
L304	**122**	**Rate/Value Qualifier**	**X**	**ID 2/2**
		Code qualifying how to extend charges or interpret value		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
L305	**58**	**Charge**	**O**	**N2 1/12**
		For a line item: freight or special charge; for the total invoice: the total charges -- expressed in the standard monetary denomination for the currency specified		
L306	**191**	**Advances**	**O**	**N2 1/9**
		Incidental charges occurring during transportation which are not generally considered to be freight charges (examples - stop charges, diversion and reconsignment, icing) expressed in the standard monetary denomination for the currency specified		
L307	**117**	**Prepaid Amount**	**O**	**N2 1/9**
		Money paid at point of origin (usually by shipper) expressed in the standard monetary denomination for the currency specified		
L308	**150**	**Special Charge or Allowance Code**	**O**	**ID 3/3**
		Code identifying type of special charge or allowance		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
L309	**183**	**Volume**	**X**	**R 1/8**
		Value of volumetric measure		
L310	**184**	**Volume Unit Qualifier**	**X**	**ID 1/1**
		Code identifying the volume unit		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
L311	**80**	**Lading Quantity**	**O**	**N0 1/7**
		Number of units (pieces) of the lading commodity		

L312	**188**	**Weight Unit Code**	**O**	**ID 1/1**

Code specifying the weight unit

Refer to 004010 Data Element Dictionary for acceptable code values.

L313	**171**	**Tariff Number**	**O**	**AN 1/7**

Standard tariff number for the tariff which governs the rates applied to the commodity item(s)

L314	**74**	**Declared Value**	**X**	**N2 2/12**

Monetary assigned value expressed in the standard monetary denomination for the currency specified

L315	**122**	**Rate/Value Qualifier**	**X**	**ID 2/2**

Code qualifying how to extend charges or interpret value

Refer to 004010 Data Element Dictionary for acceptable code values.

Segment:	**PWK** Paperwork
Position:	020
Loop:	
Level:	Summary
Usage:	Optional
Max Use:	25
Purpose:	To identify the type or transmission or both of paperwork or supporting information
Syntax Notes:	1 If either PWK05 or PWK06 is present, then the other is required.
Semantic Notes:	
Comments:	1 PWK05 and PWK06 may be used to identify the addressee by a code number.
	2 PWK07 may be used to indicate special information to be shown on the specified report.
	3 PWK08 may be used to indicate action pertaining to a report.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	PWK01	755	**Report Type Code**	M	ID 2/2
			Code indicating the title or contents of a document, report or supporting item		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	PWK02	756	**Report Transmission Code**	O	ID 1/2
			Code defining timing, transmission method or format by which reports are to be sent		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	PWK03	757	**Report Copies Needed**	O	N0 1/2
			The number of copies of a report that should be sent to the addressee		
	PWK04	98	**Entity Identifier Code**	O	ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	PWK05	66	**Identification Code Qualifier**	X	ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	PWK06	67	**Identification Code**	X	AN 2/80
			Code identifying a party or other code		
	PWK07	352	**Description**	O	AN 1/80
			A free-form description to clarify the related data elements and their content		
	PWK08	C002	**Actions Indicated**	O	
			Actions to be performed on the piece of paperwork identified		
M	C00201	704	**Paperwork/Report Action Code**	M	ID 1/2
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	C00202	704	**Paperwork/Report Action Code**	O	ID 1/2
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	C00203	704	**Paperwork/Report Action Code**	O	ID 1/2

Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required Refer to 004010 Data Element Dictionary for acceptable code values.

C00204	**704**	**Paperwork/Report Action Code**	**O**	**ID 1/2**

Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required Refer to 004010 Data Element Dictionary for acceptable code values.

C00205	**704**	**Paperwork/Report Action Code**	**O**	**ID 1/2**

Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required Refer to 004010 Data Element Dictionary for acceptable code values.

PWK09	**1525**	**Request Category Code**	**O**	**ID 1/2**

Code indicating a type of request

Refer to 004010 Data Element Dictionary for acceptable code values.

Segment:	$\text{L}1$ **Rate and Charges**		
Position:	030		
Loop:	L1	Optional	
Level:	Summary		
Usage:	Optional		
Max Use:	1		
Purpose:	To specify rate and charges detail relative to a line item including freight charges, advances, special charges, and entitlements		
Syntax Notes:	1	If either L102 or L103 is present, then the other is required.	
	2	At least one of L104 L105 or L106 is required.	
	3	If either L114 or L115 is present, then the other is required.	
	4	If either L117 or L118 is present, then the other is required.	
Semantic Notes:	1	L119 is the percent used to determine the charge in L104.	
	2	L120, if used, indicates the currency for all monetary amounts in this L1 segment.	
	3	L121 is the origin rated as charge amount.	
Comments:			

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
L101	213	**Lading Line Item Number**	O	N0 1/3
		Sequential line number for a lading item		
L102	60	**Freight Rate**	X	R 1/9
		Rate that applies to the specific commodity		
L103	122	**Rate/Value Qualifier**	X	ID 2/2
		Code qualifying how to extend charges or interpret value		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
L104	58	**Charge**	X	N2 1/12
		For a line item: freight or special charge; for the total invoice: the total charges -- expressed in the standard monetary denomination for the currency specified		
L105	191	**Advances**	X	N2 1/9
		Incidental charges occurring during transportation which are not generally considered to be freight charges (examples - stop charges, diversion and reconsignment, icing) expressed in the standard monetary denomination for the currency specified		
L106	117	**Prepaid Amount**	X	N2 1/9
		Money paid at point of origin (usually by shipper) expressed in the standard monetary denomination for the currency specified		
L107	120	**Rate Combination Point Code**	O	AN 3/9
		The code denoting the connecting station for a joint rate obtained by combining two or more published rates which are used for the calculation of transportation charges		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
L108	150	**Special Charge or Allowance Code**	O	ID 3/3
		Code identifying type of special charge or allowance		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
L109	121	**Rate Class Code**	O	ID 1/3
		Code identifying specifically designated class of goods; Note: For international air shipments, see IATA Resolution 600k		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
L110	39	**Entitlement Code**	O	ID 1/1

Code identifying entitlement party

Refer to 004010 Data Element Dictionary for acceptable code values.

L111   **16**   **Charge Method of Payment**   **O   ID 1/1**

Code defining method of payment

Refer to 004010 Data Element Dictionary for acceptable code values.

L112   **276**   **Special Charge Description**   **O   AN 2/25**

Identification of special charge; this data element is used whenever an applicable code cannot be found in data element 150

L113   **257**   **Tariff Application Code**   **O   ID 1/1**

Code indicating to which traffic a tariff applies

Refer to 004010 Data Element Dictionary for acceptable code values.

L114   **74**   **Declared Value**   **X   N2 2/12**

Monetary assigned value expressed in the standard monetary denomination for the currency specified

L115   **122**   **Rate/Value Qualifier**   **X   ID 2/2**

Code qualifying how to extend charges or interpret value

Refer to 004010 Data Element Dictionary for acceptable code values.

L116   **372**   **Lading Liability Code**   **O   ID 1/1**

Code identifying limits of liability

Refer to 004010 Data Element Dictionary for acceptable code values.

L117   **220**   **Billed/Rated-as Quantity**   **X   R 1/11**

Basis for rating (miles, value, volume, etc.); Note: Weight may be defined by either data element 220 or 81

L118   **221**   **Billed/Rated-as Qualifier**   **X   ID 2/2**

Code identifying the type of quantity or value on which the rate or item pricing is based
Refer to 004010 Data Element Dictionary for acceptable code values.

L119   **954**   **Percent**   **O   R 1/10**

Percentage expressed as a decimal

L120   **100**   **Currency Code**   **O   ID 3/3**

Code (Standard ISO) for country in whose currency the charges are specified

L121   **610**   **Amount**   **O   N2 1/15**

Monetary amount

Segment:	**C3** Currency	
Position:	040	
Loop:	L1	Optional
Level:	Summary	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To specify the currency being used in the transaction set	
Syntax Notes:		
Semantic Notes:	1	C301 is the billing currency.
	2	C303 is the payment currency.
	3	C304 is the rated currency.
Comments:	1	Currency is implied by the code for the country in whose currency the monetary amounts are specified.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	C301	100	Currency Code	M	ID 3/3
			Code (Standard ISO) for country in whose currency the charges are specified		
	C302	280	Exchange Rate	O	R 4/10
			Value to be used as a multiplier conversion factor to convert monetary value from one currency to another		
	C303	100	Currency Code	O	ID 3/3
			Code (Standard ISO) for country in whose currency the charges are specified		
	C304	100	Currency Code	O	ID 3/3
			Code (Standard ISO) for country in whose currency the charges are specified		

Segment:	**V9** Event Detail
Position:	050
Loop:	
Level:	Summary
Usage:	Optional
Max Use:	10
Purpose:	To specify information about a specific event
Syntax Notes:	1 If either V910 or V911 is present, then the other is required.
	2 If V913 is present, then V904 is required.
	3 If V915 is present, then V909 is required.
Semantic Notes:	1 V903 is the event date.
	2 V904 is the event time.
	3 V909 is the Standard Point Location Code (SPLC) of the event shown in the V901.
	4 V910 is the length of the time delay expressed in hours.
	5 V913 reflects the time zone which the event time reflects.
	6 V914 is the quantity of the fuel in gallons.
	7 V915 is the Standard Point Location Code (SPLC) of the secondary point of the delay indicated in the V911.
	8 V916 is the total number of rail cars associated with the event code in V901.
	9 V917 is the total number of loaded cars associated with the event code in V901.
	10 V918 is the total number of empty cars associated with the event code in V901.
	11 V919 is the total Gross Tons of the cars identified in V916. Includes the gross weight of the loads and the tare weight of the empties.
	12 V920 is the total outside foot length of the cars identified in V916, rounded off to the nearest foot.
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	V901	304	**Event Code**	M	ID 3/3
			Code identifying the event about which a report is made		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	V902	106	**Event**	O	AN 1/25
			Free-form description of event		
	V903	373	**Date**	O	DT 8/8
			Date expressed as CCYYMMDD		
	V904	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)		
	V905	19	**City Name**	O	AN 2/30
			Free-form text for city name		
	V906	156	**State or Province Code**	O	ID 2/2
			Code (Standard State/Province) as defined by appropriate government agency		
	V907	26	**Country Code**	O	ID 2/3
			Code identifying the country		
	V908	641	**Status Reason Code**	O	ID 3/3
			Code indicating the status reason		
			Refer to 004010 Data Element Dictionary for acceptable code values.		

V909	**154**	**Standard Point Location Code**	**X**	**ID 6/9**

Code (Standard Point Location) defined by NMFTA point development group as the official code assigned to a city or point (for ratemaking purposes) within a city

V910	**380**	**Quantity**	**X**	**R 1/15**

Numeric value of quantity

V911	**1274**	**Train Delay Reason Code**	**X**	**AN 2/2**

Code specifying reason for train delay

V912	**61**	**Free-Form Message**	**O**	**AN 1/30**

Free-form information

V913	**623**	**Time Code**	**O**	**ID 2/2**

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow Refer to 004010 Data Element Dictionary for acceptable code values.

V914	**380**	**Quantity**	**O**	**R 1/15**

Numeric value of quantity

V915	**154**	**Standard Point Location Code**	**O**	**ID 6/9**

Code (Standard Point Location) defined by NMFTA point development group as the official code assigned to a city or point (for ratemaking purposes) within a city

V916	**86**	**Total Equipment**	**O**	**N0 1/3**

Total pieces of equipment

V917	**86**	**Total Equipment**	**O**	**N0 1/3**

Total pieces of equipment

V918	**86**	**Total Equipment**	**O**	**N0 1/3**

Total pieces of equipment

V919	**81**	**Weight**	**O**	**R 1/10**

Numeric value of weight

V920	**82**	**Length**	**O**	**R 1/8**

Largest horizontal dimension of an object measured when the object is in the upright position

Segment:	**C8** Certifications and Clauses	
Position:	055	
Loop:		
Level:	Summary	
Usage:	Optional	
Max Use:	20	
Purpose:	To specify applicable certifications and clauses	
Syntax Notes:	1 At least one of C803 or C802 is required.	
Semantic Notes:		
Comments:		

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
C801	**213**	**Lading Line Item Number**	**O**	**N0 1/3**
		Sequential line number for a lading item		
C802	**246**	**Certification/Clause Code**	**X**	**ID 2/4**
		Code identifying certification/clause information		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
C803	**247**	**Certification/Clause Text**	**X**	**AN 2/60**
		Free-form description of commercial invoice certification/clause		
C804	**1302**	**Shipper's Export Declaration Requirements**	**O**	**AN 1/2**
		Code identifying which Shipper's Export Declaration (SED) requirements are being met		

Segment:	**K1** Remarks	
Position:	060	
Loop:		
Level:	Summary	
Usage:	Optional	
Max Use:	999	
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
M	K101	61	**Free-Form Message**	M AN 1/30
			Free-form information	
	K102	61	**Free-Form Message**	O AN 1/30
			Free-form information	

Segment:	**L11** Business Instructions and Reference Number	
Position:	070	
Loop:		
Level:	Summary	
Usage:	Optional	
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**	**X**	**AN 1/30**
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
L1102	**128**	**Reference Identification Qualifier**	**X**	**ID 2/3**
		Code qualifying the Reference Identification		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
L1103	**352**	**Description**	**X**	**AN 1/80**
		A free-form description to clarify the related data elements and their content		

Segment:	**SE** Transaction Set Trailer
Position:	080
Loop:	
Level:	Summary
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		

GE   Functional Group Trailer

Pos:	**Max: 1**
- Mandatory	
Loop: N/A	**Elements: 2**

To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	**97**	**Number of Transaction Sets Included**	**M**	**N0**	**1/6**	**Must use**
		Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element				
GE02	**28**	**Group Control Number**	**M**	**N0**	**1/9**	**Must use**
		Description: Assigned number originated and maintained by the sender				

Semantics:

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.

Comments:

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.

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IEA   Interchange Control Trailer

Pos:	Max: 1
- Mandatory	
Loop: N/A	Elements: 2

To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups** **Description:** A count of the number of functional groups included in an interchange	**M**	**N0**	**1/5**	**Must use**
IEA02	I12	**Interchange Control Number** **Description:** A control number assigned by the interchange sender	**M**	**N0**	**9/9**	**Must use**

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