



CSX EDI 410 Freight Details & Invoice

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410

Rail Carrier Freight Details and Invoice

Functional Group=IR

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Rail Carrier Freight Details and Invoice Transaction Set (410) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide detailed information of charges associated with a rail movement. The information is provided by a rail carrier and is sent to the freight payer.

Not Defined:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	ST	Transaction Set Header	M	1			Must use
020	B3B	Beginning Segment for Carrier's Invoice	M	1			Must use
040	N9	Reference Identification	O	30			Used
045	CM	Cargo Manifest	O	2			Used

<u>LOOP ID - N7</u>				<u>500</u>		
050	N7	Equipment Details	M	1		Must use
060	VC	Motor Vehicle Control	O	21		Used
080	M7	Seal Numbers	O	5		Used
120	M12	In-bond Identifying Information	O	1		Used
125	GA	Canadian Grain Information	O	15		Used
130	N8	Waybill Reference	M	499		Must use
140	F9	Origin Station	M	1		Must use
150	D9	Destination Station	M	1		Must use
<u>LOOP ID - N1</u>				<u>10</u>		
160	N1	Name	O	1		Used
165	N2	Additional Name Information	O	2		Used
170	N3	Address Information	O	2		Used
180	N4	Geographic Location	O	1		Used
185	PER	Administrative Communications Contact	O	2		Used
400	R2	Route Information	O	13		Used
420	PS	Protective Service Instructions	O	5		Used
<u>LOOP ID - LX</u>				<u>25</u>		
430	LX	Assigned Number	M	1		Must use
440	L5	Description, Marks and Numbers	M	15		Must use
<u>LOOP ID - L0</u>				<u>25</u>		
460	L0	Line Item - Quantity and Weight	M	1		Must use
470	L1	Rate and Charges	M	10		Must use
480	PI	Price Authority Identification	O	30		Used
540	L3	Total Weight and Charges	M	1		Must use
570	SE	Transaction Set Trailer	M	1		Must use

Not Defined:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ISA01	I01	Authorization Information Qualifier	M	ID	2/2	Must use
Description: Code to identify the type of information in the Authorization Information						
		<u>Code</u>	<u>Name</u>			
		00	No Authorization Information Present (No Meaningful Information in I02)			
		04	Rail Communications ID			
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						
		<u>Code</u>	<u>Name</u>			
		00	No Security Information Present (No Meaningful Information in I04)			
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						
		<u>Code</u>	<u>Name</u>			
		02	SCAC (Standard Carrier Alpha Code)			
		ZZ	Mutually Defined			
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						
CSX NOTE 1: ID sent will be "CSXINC"						
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						
All valid standard codes are used.						
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						
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: Code specifying the version number of the interchange control segments						
		<u>Code</u>	<u>Name</u>			
		00401	Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997			
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)						
		<u>Code</u>	<u>Name</u>			
		0	No Acknowledgment Requested			
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						
		<u>Code</u>	<u>Name</u>			
		P	Production Data			
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						

GS**Functional Group Header**

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use**Purpose:** To indicate the beginning of a functional group and to provide control information**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GS01	479	Functional Identifier Code	M	ID	2/2	Must use
Description: Code identifying a group of application related transaction sets						
		<u>Code</u>	<u>Name</u>			
		IR	Rail Carrier Freight Details and Invoice (410, 980)			
GS02	142	Application Sender's Code	M	AN	2/15	Must use
Description: Code identifying party sending transmission; codes agreed to by trading partners						
CSX NOTE 1: Valid IDs are: "CSXT" for Rail/Intermodal traffic or "CSXI" for Purchased Transportation Intermodal traffic.						
GS03	124	Application Receiver's Code	M	AN	2/15	Must use
Description: Code identifying party receiving transmission; codes agreed to by trading partners						
GS04	373	Date	M	DT	8/8	Must use
Description: Date expressed as CCYYMMDD						
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)						
GS06	28	Group Control Number	M	N0	1/9	Must use
Description: Assigned number originated and maintained by the sender						
GS07	455	Responsible Agency Code	M	ID	1/2	Must use
Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480						
		<u>Code</u>	<u>Name</u>			
		X	Accredited Standards Committee X12			
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						
		<u>Code</u>	<u>Name</u>			
		004010	Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997			

Semantics:

- GS04 is the group date.
- GS05 is the group time.
- 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:

- 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.

ST Transaction Set Header

Pos: 010	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the start of a transaction set and to assign a control number

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Must use

Description: Code uniquely identifying a Transaction Set

<u>Code</u>	<u>Name</u>
410	Rail Carrier Freight Details and Invoice

ST02	329	Transaction Set Control Number	M	AN	4/9	Must use
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Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

Semantics:

1. The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

B3B

Beginning Segment for Carrier's Invoice

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 11

User Option (Usage): Must use

Purpose: To transmit identifying numbers, dates, and other basic data relating to the transaction set

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>														
B3B01	76	Invoice Number	M	AN	1/22	Must use														
<p>Description: Identifying number assigned by issuer CSX NOTE 1: CSX uses an 8 byte invoice number.</p>																				
B3B02	146	Shipment Method of Payment	M	ID	2/2	Must use														
<p>Description: Code identifying payment terms for transportation charges</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>CC</td> <td>Collect</td> </tr> <tr> <td>PP</td> <td>Prepaid (by Seller)</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	CC	Collect	PP	Prepaid (by Seller)								
<u>Code</u>	<u>Name</u>																			
CC	Collect																			
PP	Prepaid (by Seller)																			
B3B03	373	Date	M	DT	8/8	Must use														
<p>Description: Date expressed as CCYYMMDD</p>																				
B3B04	193	Net Amount Due	M	N2	1/12	Must use														
<p>Description: Total charges to be paid by the receiver of this transaction set expressed in the standard monetary denomination for the currency specified CSX NOTE 1: Amount of \$1200.25 is sent as 120025</p>																				
B3B05	373	Date	O	DT	8/8	Used														
<p>Description: Date expressed as CCYYMMDD</p>																				
B3B06	140	Standard Carrier Alpha Code	M	ID	2/4	Must use														
<p>Description: Standard Carrier Alpha Code</p>																				
B3B07	91	Transportation Method/Type Code	M	ID	1/2	Must use														
<p>Description: Code specifying the method or type of transportation for the shipment</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>R</td> <td>Rail</td> </tr> <tr> <td>X</td> <td>Intermodal (Piggyback)</td> </tr> </tbody> </table> <p>User Note 1: <i>Used if N711 equals CC, CH, CM, CN, CX, CZ, GS, LS, OT, PL, PT, RT or TL.</i></p>							<u>Code</u>	<u>Name</u>	R	Rail	X	Intermodal (Piggyback)								
<u>Code</u>	<u>Name</u>																			
R	Rail																			
X	Intermodal (Piggyback)																			
B3B08	145	Shipment Identification Number	O	AN	1/30	Used														
<p>Description: 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)</p>																				
B3B09	188	Weight Unit Code	O	ID	1/1	Used														
<p>Description: Code specifying the weight unit</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>E</td> <td>Metric Ton</td> </tr> <tr> <td>K</td> <td>Kilograms</td> </tr> <tr> <td>L</td> <td>Pounds</td> </tr> <tr> <td>M</td> <td>Measurement Ton</td> </tr> <tr> <td>S</td> <td>Short Ton</td> </tr> <tr> <td>T</td> <td>Long Ton</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	E	Metric Ton	K	Kilograms	L	Pounds	M	Measurement Ton	S	Short Ton	T	Long Ton
<u>Code</u>	<u>Name</u>																			
E	Metric Ton																			
K	Kilograms																			
L	Pounds																			
M	Measurement Ton																			
S	Short Ton																			
T	Long Ton																			
B3B10	202	Correction Indicator	O	ID	2/2	Used														

Description: Code used to indicate that the transaction set contains information which corrects previous information

<u>Code</u>	<u>Name</u>
AD	Adjustment of Previous Freight Bill Charges
BD	Balance Due Billing

B3B11	100	Currency Code	O	ID	3/3	Used
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Description: Code (Standard ISO) for country in whose currency the charges are specified

CSX NOTE 1: USD IS Dollars, All CSX Invoices are in US Dollars.

Semantics:

1. B3B03 is the billing date.
2. B3B05 is the payment due date.
3. B3B11 defines the currency used in the transaction.

Comments:

1. The B3B09 default value is pounds.

N9 Reference Identification

Pos: 040	Max: 30
Heading - Optional	
Loop: N/A	Elements: 4

User Option (Usage): Used

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N901	128	Reference Identification Qualifier	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

<u>Code</u>	<u>Name</u>
BM	Bill of Lading Number
BN	Booking Number
CT	Contract Number
CX	Consignment Classification ID
DN	Draft Number
P8	Pickup Reference Number
PO	Purchase Order Number
PR	Price Quote Number
SI	Shipper's Identifying Number for Shipment (SID)
SO	Shipper's Order (Invoice Number)
UT	Unit Train
WY	Waybill Number
ZZ	Mutually Defined

N902	127	Reference Identification	X	AN	1/15	Used
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Description: 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	Used
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Description: Free-form descriptive text

N904	373	Date	O	DT	8/8	Used
------	-----	------	---	----	-----	------

Description: Date expressed as CCYYMMDD

Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

Semantics:

1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

CM Cargo Manifest

Pos: 045	Max: 2
Heading - Optional	
Loop: N/A	Elements: 15

User Option (Usage): Used

Purpose: To identify specific flight or voyage information for multimodal shipments

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CM01	55	Flight/Voyage Number	O	AN	2/10	Used
Description: Identifying designator for the particular flight or voyage on which the cargo travels						
CM02	115	Port or Terminal Function Code	X	ID	1/1	Used
Description: Code defining function performed at the port or terminal with respect to a shipment						
		<u>Code</u>	<u>Name</u>			
		1	Final Port of Discharge (Operational)			
		D	Port of Discharge (Operational)			
		L	Port of Loading (Operational)			
CM03	114	Port Name	O	AN	2/24	Used
Description: Free-form name for the place at which an offshore carrier originates or terminates (by transshipment or otherwise) its actual ocean carriage of property						
CM04	373	Date	O	DT	8/8	Used
Description: Date expressed as CCYYMMDD						
CSX NOTE 1: If CM02 is 'D' or '1', this contains the ship dock date						
If CM02 is 'L', this contains the ship sail date						
CM05	13	Booking Number	O	AN	1/17	Used
Description: Number assigned by the carrier for space reservation						
CM06	140	Standard Carrier Alpha Code	O	ID	2/4	Used
Description: Standard Carrier Alpha Code						
CSX NOTE 1: Represents the current carrier						
CM07	140	Standard Carrier Alpha Code	O	ID	2/4	Used
Description: Standard Carrier Alpha Code						
CSX NOTE 1: Represents the previous carrier						
CM08	373	Date	O	DT	8/8	Used
Description: Date expressed as CCYYMMDD						
CSX NOTE 1: Represents the manifest date						
CM09	182	Vessel Name	O	AN	2/12	Used
Description: Name of ship as documented in "Lloyd's Register of Ships"						
CM10	113	Pier Number	O	AN	1/4	Used
Description: Identifying number for the pier						
CM11	112	Pier Name	O	AN	2/14	Used
Description: Free-form name of the pier						
CM12	174	Terminal Name	O	AN	2/30	Used
Description: Free-form field for terminal name						
CM13	156	State or Province Code	O	ID	2/2	Used
Description: Code (Standard State/Province) as defined by appropriate government agency						
CM14	26	Country Code	O	ID	2/3	Used
Description: Code identifying the country						

CM15	127	Reference Identification	O	AN	1/30	Used
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Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

CSX NOTE 1: *Vessel Agent Number*

Syntax Rules:

1. C0402 - If CM04 is present, then CM02 is required.

Semantics:

1. CM04 is qualified by CM02.
2. CM06 contains the carrier code.
3. CM07 contains the previous carrier code.
4. CM08 is the manifest date.
5. CM15 is the vessel agent number.

Comments:

1. CM02 is "D" for rail origin and "L" for rail destination.

Loop Equipment Details

Pos: 050	Repeat: 500
	Mandatory
Loop: N7	Elements: N/A

User Option (Usage): Must use
Purpose: To identify the equipment

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
050	N7	Equipment Details	M	1		Must use
060	VC	Motor Vehicle Control	O	21		Used
080	M7	Seal Numbers	O	5		Used
120	M12	In-bond Identifying Information	O	1		Used
125	GA	Canadian Grain Information	O	15		Used

N7 Equipment Details

Pos: 050	Max: 1
Heading - Mandatory	
Loop: N7	Elements: 20

User Option (Usage): Must use
Purpose: To identify the equipment

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N701	206	Equipment Initial	O	AN	1/4	Used
Description: Prefix or alphabetic part of an equipment unit's identifying number						
CSX NOTE 1: See guidelines for Equipment Initials and Numbers in the Standards Conventions chapter						
N702	207	Equipment Number	M	AN	1/6	Must use
Description: Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)						
CSX NOTE 1: See guidelines for Equipment Initials and Numbers in the Standards Conventions chapter						
N703	81	Weight	X	R	1/10	Used
Description: Numeric value of weight						
CSX NOTE 1: The numeric value of the weight of the shipment Must include dunnage weight						
N704	187	Weight Qualifier	X	ID	1/2	Used
Description: Code defining the type of weight						
CSX NOTE 1: Qualified N703						
		<u>Code</u>	<u>Name</u>			
		E	Estimated Net Weight			
		G	Gross Weight			
		N	Actual Net Weight			
N705	167	Tare Weight	X	N0	3/8	Used
Description: Weight of the equipment						
N706	232	Weight Allowance	O	N0	2/6	Used
Description: Allowance made for increased weight due to such factors as snow						
N707	205	Dunnage	O	N0	1/6	Used
Description: Weight of material used to protect lading (even bracings, false floors, etc.)						
CSX NOTE 1: Dunnage weight only						
N708	183	Volume	X	R	1/8	Used
Description: Value of volumetric measure						
N710	102	Ownership Code	O	ID	1/1	Used
Description: Code indicating the relationship of equipment to carrier or ownership of equipment						
		<u>Code</u>	<u>Name</u>			
		T	Trip Leased			
N711	40	Equipment Description Code	O	ID	2/2	Used
Description: Code identifying type of equipment used for shipment						
		<u>Code</u>	<u>Name</u>			
		BG	Bogie			
		CA	Caboose			
		CC	Container resting on a Chassis			
		CH	Chassis			
		CM	Container, Open-Sided			
		CN	Container			

CX	Container, Tank
CZ	Refrigerated Container
GS	Generator Set
ID	Idler Car
LO	Locomotive
LS	Half Height Flat Rack
OT	Open-top/flatbed trailer
PL	Container, Platform
PT	Protected Trailer
RR	Rail Car
RT	Controlled Temperature Trailer (Reefer)
SK	Stack Car
TL	Trailer (not otherwise specified)
TN	Tank Car

N712	140	Standard Carrier Alpha Code	O	ID	2/4	Used
		Description: Standard Carrier Alpha Code				
N714	219	Position	O	AN	1/3	Used
		Description: Relative position of shipment in car, trailer, or container (mutually defined)				
		CSX NOTE 1: See Rail Data Element Dictionary				
N715	567	Equipment Length	O	N0	4/5	Used
		Description: 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)				
		CSX NOTE 1: Outside length required for intermodal shipments				
N716	571	Tare Qualifier Code	X	ID	1/1	Used
		Description: Code identifying the type of tare				
		All valid standard codes are used.				
N718	761	Equipment Number Check Digit	O	N0	1/1	Used
		Description: Number which designates the check digit applied to a piece of equipment				
		CSX NOTE 1: See guideline for Equipment initials and Numbers in the Standards Conventions chapter				
N720	65	Height	O	R	1/8	Used
		Description: Vertical dimension of an object measured when the object is in the upright position				
		CSX NOTE 1: Expressed in inches				
N721	189	Width	O	R	1/8	Used
		Description: Shorter measurement of the two horizontal dimensions measured with the object in the upright position				
		CSX NOTE 1: Expressed in inches				
N722	24	Equipment Type	O	ID	4/4	Used
		Description: Code identifying equipment type				
		CSX NOTE 1: The ISO Container Code				
N723	140	Standard Carrier Alpha Code	O	ID	2/4	Used
		Description: Standard Carrier Alpha Code				
N724	301	Car Type Code	O	ID	1/4	Used
		Description: Code specifying type of rail car or intermodal equipment type and its general characteristics				
		CSX NOTE 1: The value will be the AAR Car Kind				

Syntax Rules:

1. P0304 - If either N703 or N704 is present, then the other is required.
2. P0516 - If either N705 or N716 is present, then the other is required.
3. P0809 - If either N708 or N709 is present, then the other is required.

Semantics:

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.

VC Motor Vehicle Control

Pos: 060	Max: 21
Heading - Optional	
Loop: N7	Elements: 6

User Option (Usage): Used

Purpose: To define motor vehicle identification and logistics

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
VC01	539	Vehicle Identification Number	M	AN	1/25	Must use
Description: Unique identification number stamped on the vehicle by the manufacturer						
VC02	836	Vehicle Deck Position Code	O	ID	2/2	Used
Description: Code to identify the specific position of a vehicle on multi-level equipment; when dealing with rail cars the front end will be defined as that end of the rail car which the vehicle faces						
CSX NOTE 1: See Rail Data Element Dictionary						
All valid standard codes are used.						
VC03	837	Vehicle Type Code	O	ID	1/1	Used
Description: Vehicle Type Code for freight rate and claims purposes						
		<u>Code</u>	<u>Name</u>			
		1	Automobile			
		2	Truck			
		3	Others			
		4	Used Vehicles			
		5	Military			
VC04	838	Dealer Code	O	AN	2/9	Used
Description: A code assigned by a manufacturer to identify their dealers						
VC05	1	Route Code	O	AN	1/13	Used
Description: Mutually defined route code						
CSX NOTE 1: Auto manufacturer's route code						
VC10	583	Factory Car Order Number	O	AN	6/10	Used
Description: This number to be supplied by the shipper for Canadian customer requirements at border points for all finished motor vehicles exported to the United States from Canada						

Semantics:

1. VC05 is the automotive manufacturer route code.

M7

Seal Numbers

Pos: 080	Max: 5
Heading - Optional	
Loop: N7	Elements: 4

User Option (Usage): Used

Purpose: To record seal numbers used and the organization that applied the seals

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
M701	225	Seal Number	M	AN	2/15	Must use
		Description: Unique number on seal used to close a shipment				
M702	225	Seal Number	O	AN	2/15	Used
		Description: Unique number on seal used to close a shipment				
M703	225	Seal Number	O	AN	2/15	Used
		Description: Unique number on seal used to close a shipment				
M704	225	Seal Number	O	AN	2/15	Used
		Description: Unique number on seal used to close a shipment				

Comments:

1. M705 indicates the name of the organization which applied the seal(s).

CSX NOTE 1:

A 'Cone seal' is indicated by "HV" in the IM02. A 'red ball' Customs seal is indicated by the presence of an M12 segment.

M12 In-bond Identifying Information

Pos: 120	Max: 1
Heading - Optional	
Loop: N7	Elements: 10

User Option (Usage): Used

Purpose: To transmit in-bond information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>								
M1201	581	Customs Entry Type Code	M	ID	2/2	Must use								
<p>Description: Code defining the type of entry assigned by U.S. Customs</p> <p>CSX NOTE 1: 61 Imported to US 62 Imported and final destination is outside the US 63 Imported to US, Export from the US, with no in-transit movement 65 This signifies US-CANADA-US movements 66 This signifies traffic with multiple US border crossings with the shipment terminating in the US A2 If used M1208 must = XC A6 If used M1208 must = XC A8 If used M1208 must = XC DP If used M1208 must = XC</p>														
M1202	601	Customs Entry Number	X	AN	1/15	Used								
<p>Description: Automated Commercial System Code Furnished by U.S. Customs Service</p> <p>CSX NOTE 1: Carriers authorized to participate in Paperless In-bond will be assigned a 3-position filer identification code. This code is used with a check digit routine to create a paperless In-bond number. Check digit routine is defined by U.S. Customs CAMIR document.</p> <p>If paperless entry number is unknown, pass 'UNKNOWN' here.</p>														
M1203	310	Location Identifier	O	AN	1/30	Used								
<p>Description: Code which identifies a specific location</p> <p>CSX NOTE 1: This is a 4-digit numeric census schedule D. It is the port of termination if M1201 is 61. It is the port of exportation if M1201 is 62.</p>														
M1204	310	Location Identifier	O	AN	1/30	Used								
<p>Description: Code which identifies a specific location</p> <p>CSX NOTE 1: This is 5-digit numeric census schedule K. It is the foreign port of destination if M1201 is 62 or 63.</p>														
M1205	602	Customs Shipment Value	O	AN	2/8	Used								
<p>Description: Customs value in whole dollars</p>														
M1206	603	In-bond Control Number	X	AN	1/25	Used								
<p>Description: Currently assigned control number for in-bond movement</p> <p>CSX NOTE 1: If conventional In-bond number is unknown, pass 'UNKNOWN' here.</p>														
M1208	128	Reference Identification Qualifier	X	ID	2/3	Used								
<p>Description: Code qualifying the Reference Identification</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>BI</td> <td>Bonded Carrier Internal Revenue Service Identification Number</td> </tr> <tr> <td>S4</td> <td>Shippers Bond Number</td> </tr> <tr> <td>XC</td> <td>Cargo Control Number</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	BI	Bonded Carrier Internal Revenue Service Identification Number	S4	Shippers Bond Number	XC	Cargo Control Number
<u>Code</u>	<u>Name</u>													
BI	Bonded Carrier Internal Revenue Service Identification Number													
S4	Shippers Bond Number													
XC	Cargo Control Number													
M1209	127	Reference Identification	X	AN	1/30	Used								
<p>Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</p> <p>CSX NOTE 1: Contains the IRS number of the bond holder identified in M1208 for</p>														

codes BI and S4.

If used for Canadian In-Bond reporting, this will contain the Cargo Control Number (CCN).

M1210	91	Transportation Method/Type Code	X	ID	1/2	Used
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Description: Code specifying the method or type of transportation for the shipment

CSX NOTE 1: May only be used if M1201 is '62' to eliminate Department of Commerce form 7513

<u>Code</u>	<u>Name</u>
S	Ocean

M1211	182	Vessel Name	X	AN	2/28	Used
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Description: Name of ship as documented in "Lloyd's Register of Ships"

CSX NOTE 1: Vessel to be loaded for export, if known

Syntax Rules:

1. E0206 - Only one of M1202 or M1206 may be present.
2. C0608 - If M1206 is present, then M1208 is required.
3. P0809 - If either M1208 or M1209 is present, then the other is required.
4. P1011 - If either M1210 or M1211 is present, then the other is required.

Semantics:

1. M1203 is a four-digit numeric census schedule D when identifying a U.S. port, and a three-digit numeric memorandum D when identifying a Canadian port. It is the port of destination if M1201 is "61". It is the port of export if M1201 is "62" or "63".
2. M1204 is five-digit numeric census schedule K. It is the foreign port of destination if M1201 is "62" or "63".
3. M1207 identifies the carrier to whom liability is transferred.

Comments:

1. If M1202 does not contain the paperless entry number, then M1206 is required.
2. M1205 is the value in whole dollars of the in-bond movement. Use twenty dollars per kilo if value is unknown.

GA**Canadian Grain Information**

Pos: 125	Max: 15
Heading - Optional	
Loop: N7	Elements: 17

User Option (Usage): Used**Purpose:** To transmit the transportation and distribution requirements of grain at Canadian ports**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GA01	1275	Fumigated/Cleaned Indicator	O	ID	1/1	Used
Description: Code indicating whether product has been fumigated and/or cleaned						
CSX NOTE 1: <i>Default value is 'N'</i>						
All valid standard codes are used.						
GA02	22	Commodity Code	O	AN	1/30	Used
Description: Code describing a commodity or group of commodities						
CSX NOTE 1: <i>Will contain the Canadian Commission Commodity Code for terminal elevator and will be required for each new occurrence of a different grain or grain order.</i>						
<i>Code Source is Canadian Grain Commission Grain Code 435</i>						
GA03	1576	Inspected/Weighed Indicator Code	O	ID	1/2	Used
Description: Code indicating whether product has been inspected and/or weighed						
CSX NOTE 1: <i>If GA03 is IW or IB, then CGC Certified weight is required in N703. N704 should be actual net weight, Code N.</i>						
<i>If not present, then shipment is neither Inspected nor weighed.</i>						
All valid standard codes are used.						
GA04	128	Reference Identification Qualifier	O	ID	2/3	Used
Description: Code qualifying the Reference Identification						
All valid standard codes are used.						
GA05	127	Reference Identification	O	AN	1/30	Used
Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier						
GA06	642	Week	O	N0	4/4	Used
Description: Week expressed as year/week (YYWW); week is an integer between 1 and 53 inclusive						
GA07	899	Unload Terminal Elevator Code	O	ID	3/4	Used
Description: Code specifying the unloading terminal elevator at grain exporting terminals						
CSX NOTE 1: <i>Code Source is Canadian Grain Commission 435.</i>						
GA08	373	Date	O	DT	8/8	Used
Description: Date expressed as CCYYMMDD						
GA09	1470	Number	O	N0	1/9	Used
Description: A generic number						
GA10	1276	Machine Separable Indicator Code	O	ID	2/2	Used
Description: Canadian Grain Commission grain code identifying the type of grain that must be separated						
CSX NOTE 1: <i>Indicator code is the first two digits of the Grain Code.</i>						
GA11	1277	Canadian Wheat Board (CWB) Marketing Class Code	O	ID	1/1	Used
Description: Code identifying the Canadian Wheat Board market class of the grain						
All valid standard codes are used.						
GA12	1278	Canadian Wheat Board (CWB) Marketing Class	O	ID	1/1	Used

Type Code

Description: Code identifying Canadian Wheat Board market class type
All valid standard codes are used.

GA13	1073	Yes/No Condition or Response Code	O	ID	1/1	Used
		Description: Code indicating a Yes or No condition or response CSX NOTE 1: Default value is 'N' All valid standard codes are used.				
GA14	310	Location Identifier	X	AN	1/30	Used
		Description: Code which identifies a specific location				
GA15	156	State or Province Code	X	ID	2/2	Used
		Description: Code (Standard State/Province) as defined by appropriate government agency				
GA16	1004	Percent Qualifier	X	ID	1/2	Used
		Description: Code to qualify percent All valid standard codes are used.				
GA17	954	Percent	X	R	1/10	Used
		Description: Percentage expressed as a decimal				

Syntax Rules:

1. P1415 - If either GA14 or GA15 is present, then the other is required.
2. P1617 - If either GA16 or GA17 is present, then the other is required.

Semantics:

1. GA02 is required on the first occurrence of the segment and for each new occurrence of a different commodity code.
2. GA06 is used for crop week.
3. GA08 is used for the unload date.
4. GA09 will contain the number of cars being claimed for incentive rate.
5. GA14 is the terminal or staging area name.

Comments:

1. GA02 contains the Canadian Grain Commission Commodity Code for terminal elevator accounting.
2. GA05 is used for grain block number.
3. If GA13 is equal to "Y" then this is a direct hit to departure wharf for vessel loading. If "N" this is to be unloaded at terminal and GA14 is required to identify the terminal or staging area prior to vessel loading.

CSX NOTE 1:

At least one occurrence of GA04 is required with the code value GR.

These changes are not yet reflected in X12

N8 Waybill Reference

Pos: 130	Max: 499
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To identify the waybill and to specify the equipment used and the destination details

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N801	186	Waybill Number	M	N0	1/6	Must use

Description: Carrier accounting number of the waybill for the inbound movement

CSX NOTE 1: Reference for lead or single car/TOFC/COFC

N802	373	Date	M	DT	8/8	Must use
------	-----	------	---	----	-----	----------

Description: Date expressed as CCYYMMDD

CSX NOTE 1: Waybill date for lead or single car/TOFC/COFC

Contains waybill date. Can not be in the future.

Syntax Rules:

1. P030405 - If either N803, N804 or N805 are present, then the others are required.
2. P0607 - If either N806 or N807 is present, then the other is required.
3. P0809 - If either N808 or N809 is present, then the other is required.
4. P1011 - If either N810 or N811 is present, then the other is required.

Semantics:

1. N802 is the waybill date.
2. N808 is the destination station of movement.
3. N810 will contain destination railroad initial Standard Carrier Alpha Code (SCAC).
4. N811 will contain railroad destination Freight Station Accounting Code (FSAC).

Comments:

1. Waybill type should be transmitted only when the transaction set involves a multiple Car/TOFC/COFC shipment or a conveying flat car. Waybill type should not be sent on a single Car/TOFC/COFC.
2. N807 is the waybill date.

F9**Origin Station**

Pos: 140	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

User Option (Usage): Must use**Purpose:** To identify the rail origin of the shipment**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
F901	573	Freight Station Accounting Code	O	ID	1/5	Used
Description: Code (Freight Station Accounting) (AAR Managed Code for Locations)						
F902	19	City Name	M	AN	2/30	Must use
Description: Free-form text for city name						
CSX NOTE 1: Limited to Rail 19 character station name as defined by the AAR Centralized Station Master						
F903	156	State or Province Code	M	ID	2/2	Must use
Description: Code (Standard State/Province) as defined by appropriate government agency						
F908	154	Standard Point Location Code	O	ID	6/9	Used
Description: 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						
CSX NOTE 1: The SPLC for F902						

Semantics:

1. F902 is the origin station for movement.
2. F904 is the country code for the city named in the F902.
3. F905 is the freight station accounting code of the origin junction settlement carrier.
4. F908 is the Standard Point Location Code (SPLC) for the city named in the F902.
5. F909 is the postal code for the city named in the F902.
6. F910 is the Standard Point Location Code (SPLC) for the city named in the F906.
7. F911 is the postal code for the city named in the F906.
8. F912 is the country code for the city named in the F906.

Comments:

1. F905 is the freight station accounting code of the city named in F906.

D9**Destination Station**

Pos: 150	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

User Option (Usage): Must use**Purpose:** To identify the rail destination of the shipment**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
D901	573	Freight Station Accounting Code	O	ID	1/5	Used
		Description: Code (Freight Station Accounting) (AAR Managed Code for Locations)				
D902	19	City Name	M	AN	2/30	Must use
		Description: Free-form text for city name				
		CSX NOTE 1: Limited to Rail 19 character station name as defined by the AAR Centralized Station Master				
D903	156	State or Province Code	M	ID	2/2	Must use
		Description: Code (Standard State/Province) as defined by appropriate government agency				
D910	154	Standard Point Location Code	O	ID	6/9	Used
		Description: 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				

Semantics:

1. D902 is the destination station of movement.
2. D904 is the country code for the city named in the D902.
3. D905 is the freight station accounting code of the destination junction settlement carrier.
4. D908 is the Standard Point Location Code (SPLC) for the city named in the D902.
5. D909 is the postal code for the city names in the D902.
6. D910 is the Standard Point Location Code (SPLC) for the city named in the D906.
7. D911 is the postal code for the city named in the D906.
8. D912 is the country code for the city named in the D906.

Comments:

1. D905 is the freight station accounting code of the city name in D906.

Loop Name

Pos: 160	Repeat: 10
	Optional
Loop: N1	Elements: N/A

User Option (Usage): Used

Purpose: To identify a party by type of organization, name, and code

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
160	N1	Name	O	1		Used
165	N2	Additional Name Information	O	2		Used
170	N3	Address Information	O	2		Used
180	N4	Geographic Location	O	1		Used
185	PER	Administrative Communications Contact	O	2		Used

N1

Name

Pos: 160	Max: 1
Heading - Optional	
Loop: N1	Elements: 6

User Option (Usage): Used

Purpose: To identify a party by type of organization, name, and code

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	Entity Identifier Code	M	ID	2/3	Must use

Description: Code identifying an organizational entity, a physical location, property or an individual

<u>Code</u>	<u>Name</u>
11	Party to be billed(AAR Accounting Rule 11)
AA	Authority For Shipment
AD	Party to be advised (Written orders)
AP	Account of (Origin Party)
AQ	Account of (Destination Party)
BN	Beneficial Owner
BT	Bill-to-Party
C1	In Care Of Party no. 1
CB	Customs Broker
CD	Consignee (To Receive Mail and Small Parcels)
CM	Customs
CN	Consignee
CV	Converter
DM	Destination Mail Facility
DR	Destination Drayman
IM	Importer
MC	Motor Carrier
N1	Notify Party no. 1
N2	Notify Party no. 2
NC	Cross-Town Switch
NP	Notify Party for Shipper's Order
OM	Origin Mail Facility
OO	Order Of (Shippers Orders) - (Transportation)
OR	Origin Drayman
OW	Owner of Property or Unit
PF	Party to Receive Freight Bill
PJ	Party to Receive Correspondence
PU	Party at Pick-up Location
PV	Party performing certification
R1	Party to Receive Scale Ticket
SF	Ship From
SH	Shipper
SS	Steamship Company
UC	Ultimate Consignee
XQ	Canadian Customs Broker

N102	93	Name	X	AN	1/60	Used
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Description: Free-form name

N103	66	Identification Code Qualifier	X	ID	1/2	Used
------	----	--------------------------------------	---	----	-----	------

Description: Code designating the system/method of code structure used for Identification Code (67)

<u>Code</u>	<u>Name</u>
17	Automated Broker Interface (ABI) Routing Code
C5	Customer Identification File

ZZ Mutually Defined

N104	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
N105	706	Entity Relationship Code	O	ID	2/2	Used
		Description: Code describing entity relationship All valid standard codes are used.				
N106	98	Entity Identifier Code	O	ID	2/3	Used
		Description: Code identifying an organizational entity, a physical location, property or an individual All valid standard codes are used.				

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

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.

CSX NOTE 1:

See guidelines for N1 Loop usage in Standards Conventions Chapter

N2

Additional Name Information

Pos: 165	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used

Purpose: To specify additional names or those longer than 35 characters in length

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N201	93	Name	M	AN	1/60	Must use
		Description: Free-form name				
N202	93	Name	O	AN	1/60	Used
		Description: Free-form name				

CSX NOTE 1:

See guidelines for N1 Loop usage in Standards Conventions Chapter

N3 Address Information

Pos: 170	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used

Purpose: To specify the location of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N301	166	Address Information	M	AN	1/55	Must use
Description: Address information						
N302	166	Address Information	O	AN	1/55	Used
Description: Address information						

CSX NOTE 1:

See guidelines for N1 Loop usage in Standards Conventions Chapter

N4 Geographic Location

Pos: 180	Max: 1
Heading - Optional	
Loop: N1	Elements: 5

User Option (Usage): Used

Purpose: To specify the geographic place of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N401	19	City Name	O	AN	2/30	Used
		Description: Free-form text for city name				
N402	156	State or Province Code	O	ID	2/2	Used
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	Postal Code	O	ID	3/15	Used
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N405	309	Location Qualifier	X	ID	1/2	Used
		Description: Code identifying type of location All valid standard codes are used.				
N406	310	Location Identifier	O	AN	1/30	Used
		Description: Code which identifies a specific location				

Syntax Rules:

1. C0605 - If N406 is present, then N405 is required.

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.

CSX NOTE 1:

See guidelines for N1 Loop usage in Standards Conventions Chapter

PER**Administrative Communications
Contact**

Pos: 185	Max: 2
Heading - Optional	
Loop: N1	Elements: 9

User Option (Usage): Used**Purpose:** To identify a person or office to whom administrative communications should be directed**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PER01	366	Contact Function Code	M	ID	2/2	Must use
		Description: Code identifying the major duty or responsibility of the person or group named All valid standard codes are used.				
PER02	93	Name	O	AN	1/60	Used
		Description: Free-form name				
PER03	365	Communication Number Qualifier	X	ID	2/2	Used
		Description: Code identifying the type of communication number All valid standard codes are used.				
PER04	364	Communication Number	X	AN	1/80	Used
		Description: Complete communications number including country or area code when applicable				
PER05	365	Communication Number Qualifier	X	ID	2/2	Used
		Description: Code identifying the type of communication number All valid standard codes are used.				
PER06	364	Communication Number	X	AN	1/80	Used
		Description: Complete communications number including country or area code when applicable				
PER07	365	Communication Number Qualifier	X	ID	2/2	Used
		Description: Code identifying the type of communication number All valid standard codes are used.				
PER08	364	Communication Number	X	AN	1/80	Used
		Description: Complete communications number including country or area code when applicable				
PER09	443	Contact Inquiry Reference	O	AN	1/20	Used
		Description: Additional reference number or description to clarify a contact number				

Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.
3. P0708 - If either PER07 or PER08 is present, then the other is required.

CSX NOTE 1:

See guidelines for N1 Loop usage in Standards Conventions Chapter

R2 Route Information

Pos: 400	Max: 13
Heading - Optional	
Loop: N/A	Elements: 7

User Option (Usage): Used

Purpose: To specify carrier and routing sequences and details

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
R201	140	Standard Carrier Alpha Code	M	ID	2/4	Must use
Description: Standard Carrier Alpha Code						
R202	133	Routing Sequence Code	M	ID	1/2	Must use
Description: Code describing the relationship of a carrier to a specific shipment movement						
		<u>Code</u>	<u>Name</u>			
		1	1st Carrier after Origin Carrier			
		2	2nd Carrier after Origin Carrier			
		3	3rd Carrier after Origin Carrier			
		4	4th Carrier after Origin Carrier			
		5	5th Carrier after Origin Carrier			
		6	6th Carrier after Origin Carrier			
		7	7th Carrier after Origin Carrier			
		8	8th Carrier after Origin Carrier			
		9	9th Carrier after Origin Carrier			
		A	Origin Carrier, Agent's Routing (Rail)			
		D	DELY (Delivery Switch Carrier)			
		I	Origin Switch Carrier			
		R	Origin Carrier, Rule 11 Shipment			
		S	Origin Carrier, Shipper's Routing (Rail)			
		V	Intermediate Switch Carrier			
		JD	Junction Settlement Carrier Following (Destination carrier receiving revenues resulting from junction contract)			
		JO	Junction Settlement Carrier Predecessor (Origin carrier receiving revenues resulting from junction contract)			
R203	19	City Name	O	AN	2/30	Used
Description: Free-form text for city name						
CSX NOTE 1: <i>Contains Rule 260 Abbreviation only</i>						
R205	177	Intermodal Service Code	O	ID	1/2	Used
Description: Code identifying the Intermodal Service Plan						
CSX NOTE 1: <i>Required on intermodal shipments (BX02 = X) when N711 contains CC, CH, CM, CN, CX, CZ, GS, LS, OT, PL, PT, RT, or TL</i>						
<i>See Rail Data Element Dictionary</i>						
R206	91	Transportation Method/Type Code	O	ID	1/2	Used
Description: Code specifying the method or type of transportation for the shipment						
All valid standard codes are used.						
R207	296	Intermediate Switch Carrier	X	ID	2/4	Used
Description: 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)						
CSX NOTE 1: <i>Used for second intermediate switch carrier at this junction</i>						
<i>If used, R202 must be 'V'</i>						
R208	296	Intermediate Switch Carrier	O	ID	2/4	Used
Description: 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)

CSX NOTE 1: *Used for third intermediate switch carrier at this junction*

If used, R202 must be 'V'

Syntax Rules:

1. C0807 - If R208 is present, then R207 is required.

Semantics:

1. R203 is the station or city name at which carriers interchange shipments.
2. R210 is the billing date.

CSX NOTE 1:

Required

Each set of shipment information must include at least one R2

segment (Route Information). When including interline city names, the AAR rule 260 abbreviations should be used.

PS**Protective Service Instructions**

Pos: 420	Max: 5
Heading - Optional	
Loop: N/A	Elements: 13

User Option (Usage): Used**Purpose:** To specify mechanical protective service and ventilation instructions**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PS01	746	Protective Service Rule Code	M	ID	3/9	Must use
Description: Association of American Railroads (AAR) Protective Service that applies to shipment						
CSX NOTE 1: See Rail Data Element Dictionary.						
PS02	241	Protective Service Code	M	ID	1/4	Must use
Description: Code specifying perishable protective service- rail carriers only						
CSX NOTE 1: Pass the code values only.						
		<u>Code</u>	<u>Name</u>			
		D	Discontinue Service			
		M	Standard Mechanical Protective Service			
		MN	Modified Mechanical Protective Service			
		HDN	Do Not Heat			
		HSC	Standard Heating In Canada			
		MNU	Do Not Operate			
		HDNC	Do Not Heat in Canada			
PS03	355	Unit or Basis for Measurement Code	X	ID	2/2	Used
Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken						
		<u>Code</u>	<u>Name</u>			
		CE	Centigrade, Celsius			
		FA	Fahrenheit			
PS04	408	Temperature	X	R	1/4	Used
Description: Temperature						
CSX NOTE 1: This is the optimum temperature for the shipment						
PS05	140	Standard Carrier Alpha Code	O	ID	2/4	Used
Description: Standard Carrier Alpha Code						
PS06	573	Freight Station Accounting Code	O	ID	1/5	Used
Description: Code (Freight Station Accounting) (AAR Managed Code for Locations)						
PS07	19	City Name	O	AN	2/30	Used
Description: Free-form text for city name						
CSX NOTE 1: Limited to the Rail 19 character station name as defined in the AAR Centralized Station Master						
PS08	156	State or Province Code	O	ID	2/2	Used
Description: Code (Standard State/Province) as defined by appropriate government agency						
PS10	745	Pre-Cooled (Rule 710) Code	O	ID	1/1	Used
Description: Code indicating whether or not the shipment was precooled per Association of American Railroads Protective Service Rule 710						
All valid standard codes are used.						
PS11	1073	Yes/No Condition or Response Code	O	ID	1/1	Used
Description: Code indicating a Yes or No condition or response						
		<u>Code</u>	<u>Name</u>			

		N	No				
		Y	Yes				
PS12	1073	Yes/No Condition or Response Code		O	ID	1/1	Used
		Description: Code indicating a Yes or No condition or response					
		<u>Code</u>	<u>Name</u>				
		N	No				
		Y	Yes				
PS13	1073	Yes/No Condition or Response Code		O	ID	1/1	Used
		Description: Code indicating a Yes or No condition or response					
		<u>Code</u>	<u>Name</u>				
		N	No				
		Y	Yes				
PS14	408	Temperature		X	R	1/4	Used
		Description: Temperature					
		CSX NOTE 1: <i>Set temperature at service origin</i>					

Syntax Rules:

1. L030414 - If PS03 is present, then at least one of PS04 or PS14 is required.
2. C0403 - If PS04 is present, then PS03 is required.
3. C1403 - If PS14 is present, then PS03 is required.

Semantics:

1. PS03 qualifies the temperature in PS04 and PS14.
2. PS04 is the optimum allowable temperature condition for shipment.
3. PS11 identifies the location of the heater. A "Y" indicates the heater is ceiling-mounted; an "N" indicates the heater is in the body.
4. PS12 identifies whether or not the commodity is a food product. A "Y" indicates the commodity is a food product; an "N" indicates it is a non-food product.
5. PS13 indicates the amount of doorway space for the full width of the car. A "Y" indicates the doorway space is not less than 30 inches for the full width of the car; an "N" indicates it is less than 30 inches.
6. PS14 is the set temperature at service origin.

Comments:

1. PS05 through PS08 are used to specify the station to which the temperature applies. PS05 and PS06 are preferred over PS07 and PS08.
2. PS09 is the weight of body ice in hundreds.

CSX NOTE 1:

Due to operational concerns a PS segment must accompany any N7 equipment requiring protective service

Temperatures are passed in the PS04 and PS14

Loop Assigned Number

Pos: 430	Repeat: 25
Mandatory	
Loop: LX	Elements: N/A

User Option (Usage): Must use

Purpose: To reference a line number in a transaction set

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
430	LX	Assigned Number	M	1		Must use
440	L5	Description, Marks and Numbers	M	15		Must use
460		Loop L0	M		25	Must use

LX

Assigned Number

Pos: 430	Max: 1
Heading - Mandatory	
Loop: LX	Elements: 1

User Option (Usage): Must use

Purpose: To reference a line number in a transaction set

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LX01	554	Assigned Number	M	NO	1/6	Must use

Description: Number assigned for differentiation within a transaction set

CSX NOTE 1:

See guidelines for L5/LO looping structure in Standards Conventions chapter

L5

Description, Marks and Numbers

Pos: 440	Max: 15
Heading - Mandatory	
Loop: LX	Elements: 8

User Option (Usage): Must use

Purpose: To specify the line item in terms of description, quantity, packaging, and marks and numbers

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
L501	213	Lading Line Item Number	O	N0	1/3	Used
		Description: Sequential line number for a lading item				
L502	79	Lading Description	O	AN	1/50	Used
		Description: Description of an item as required for rating and billing purposes				
L503	22	Commodity Code	X	AN	1/30	Used
		Description: Code describing a commodity or group of commodities				
L504	23	Commodity Code Qualifier	X	ID	1/1	Used
		Description: Code identifying the commodity coding system used for Commodity Code				
		<u>Code</u>		<u>Name</u>		
		3		Empty Non-hazardous Last Contained (HMRC) Code		
		L		Last Contained Contents STCC		
		T		Standard Transportation Commodity Code (STCC)		
L505	103	Packaging Code	O	AN	3/5	Used
		Description: 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				
		<u>Code</u>		<u>Name</u>		
		AMM		Ammo Pack		
		BAG		Bag		
		BAL		Bale		
		BDL		Bundle		
		BEM		Beam		
		BIC		Bing Chest		
		BIN		Bin		
		BLK		Bulk		
		BOB		Bobbin		
		BOX		Box		
		BRG		Barge		
		BSK		Basket or hamper		
		BXI		Box, with inner container		
		BXT		Bucket		
		CAB		Cabinet		
		CAG		Cage		
		CAN		Can		
		CAR		Carrier		
		CAS		Case		
		CBC		Containers of Bulk Cargo		
		CBY		Carboy		
		CCS		Can Case		
		CHE		Cheeses		
		CHS		Chest		
		CLD		Car Load, Rail		
		CNT		Container		

COL	Coil
CON	Cones
COR	Core
CRD	Cradle
CRT	Crate
CSK	Cask
CTN	Carton
CYL	Cylinder
DBK	Dry Bulk
DRK	Double-length Rack
DRM	Drum
DSK	Double-length Skid
DTB	Double-length Tote Bin
ENV	Envelope
FIR	Firkin
FLO	Flo-bin
FRM	Frame
FSK	Flask
FWR	Forward Reel
HED	Heads of Beef
HGH	Hogshead
HPT	Hopper Truck
HRB	On Hanger or Rack in Boxes
HRK	Half-Standard Rack
HTB	Half-Standard Tote Bin
JAR	Jar
KEG	Keg
KIT	Kit
KRK	Knockdown Rack
KTB	Knockdown Tote Bin
LBK	Liquid Bulk
LIF	Lifts
LOG	Log
LSE	Loose
LUG	Lug
LVN	Lift Van
MRP	Multi-Roll Pack
NOL	Noil
PAL	Pail
PCK	Packed - not otherwise specified
PCS	Pieces
PIR	Pirns
PKG	Package
PLF	Platform
PLN	Pipeline
PLT	Pallet
POV	Private Vehicle
PRK	Pipe Rack
QTR	Quarter of Beef
RAL	Rail (Semiconductor)
RCK	Rack
REL	Reel
ROL	Roll
RVR	Reverse Reel
SAK	Sack
SHK	Shook
SID	Side of Beef

SKD	Skid
SKE	Skid, elevating or lift truck
SLP	Slip Sheet
SLV	Sleeve
SPI	Spin Cylinders
SPL	Spool
TBE	Tube
TBN	Tote Bin
TKR	Tank Car
TKT	Tank Truck
TLD	Intermodal Trailer/Container Load (Rail)
TNK	Tank
TRC	Tierce
TRK	Trunk and Chest
TRY	Tray
TSS	Trunk, Salesmen Sample
TUB	Tub
UNP	Unpacked
UNT	Unit
VEH	Vehicles
VPK	Van Pack
WHE	On Own Wheel
WLC	Wheeled Carrier
WRP	Wrapped

L506	87	Marks and Numbers	X	AN	1/48	Used
		Description: Marks and numbers used to identify a shipment or parts of a shipment				
L507	88	Marks and Numbers Qualifier	O	ID	1/2	Used
		Description: Code specifying the application or source of Marks and Numbers (87) All valid standard codes are used.				
L508	23	Commodity Code Qualifier	X	ID	1/1	Used
		Description: Code identifying the commodity coding system used for Commodity Code				

<u>Code</u>	<u>Name</u>
T	Standard Transportation Commodity Code (STCC)

Syntax Rules:

1. P0304 - If either L503 or L504 is present, then the other is required.
2. C0706 - If L507 is present, then L506 is required.
3. P0809 - If either L508 or L509 is present, then the other is required.

Comments:

1. L502 may be used to send quantity information as part of the product description.

CSX NOTE 1:

See guidelines for L5/LO loop in Standards Conventions Chapter

Loop Line Item - Quantity and Weight

Pos: 460	Repeat: 25
Mandatory	
Loop: L0	Elements: N/A

User Option (Usage): Must use

Purpose: To specify quantity, weight, volume, and type of service for a line item including applicable "quantity/rate-as" data

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
460	L0	Line Item - Quantity and Weight	M	1		Must use
470	L1	Rate and Charges	M	10		Must use
480	PI	Price Authority Identification	O	30		Used

CSX NOTE 1:

See guidelines for L5/L0 loop in Standards Conventions Chapter

L0

Line Item - Quantity and Weight

Pos: 460 Max: 1
 Heading - Mandatory
 Loop: L0 Elements: 15

User Option (Usage): Must use

Purpose: To specify quantity, weight, volume, and type of service for a line item including applicable "quantity/rate-as" data

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
L001	213	Lading Line Item Number	O	N0	1/3	Used
Description: Sequential line number for a lading item						
L002	220	Billed/Rated-as Quantity	X	R	1/11	Used
Description: 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	Used
Description: Code identifying the type of quantity or value on which the rate or item pricing is based						
		<u>Code</u>	<u>Name</u>			
		DM	Miles			
		GL	Gallon			
		ND	Cord			
		NP	Piece			
		NU	Unit			
		NV	Vehicle			
		RV	Release Value			
L004	81	Weight	X	R	1/10	Used
Description: Numeric value of weight						
L005	187	Weight Qualifier	X	ID	1/2	Used
Description: Code defining the type of weight						
		<u>Code</u>	<u>Name</u>			
		B	Billed Weight			
		C	Actual Net Repeated for Combination			
		E	Estimated Net Weight			
		G	Gross Weight			
		J	Light Weight			
		K	Clean Out			
		M	Minimum Weight (for rate)			
		N	Actual Net Weight			
		O	Excess Weight Over Maximum			
		X	Maximum Weight (for Rate)			
		A3	Shippers Weight			
L006	183	Volume	X	R	1/8	Used
Description: Value of volumetric measure						
L007	184	Volume Unit Qualifier	X	ID	1/1	Used
Description: Code identifying the volume unit						
		<u>Code</u>	<u>Name</u>			
		D	Cord			
		E	Cubic Feet			
		F	100 Board Feet			
		G	Gallons			
		T	Container			

		U	Volumetric Unit				
		V	Liter				
L008	80	Lading Quantity		X	NO	1/7	Used
		Description: Number of units (pieces) of the lading commodity					
L009	211	Packaging Form Code		X	ID	3/3	Used
		Description: Code for packaging form of the lading quantity All valid standard codes are used.					
L010	458	Dunnage Description		O	AN	2/25	Used
		Description: Material used to protect lading					
L011	188	Weight Unit Code		O	ID	1/1	Used
		Description: Code specifying the weight unit All valid standard codes are used.					
L012	56	Type of Service Code		O	ID	2/2	Used
		Description: Code specifying extent of transportation service requested All valid standard codes are used.					
L013	380	Quantity		X	R	1/15	Used
		Description: Numeric value of quantity					
L014	211	Packaging Form Code		O	ID	3/3	Used
		Description: Code for packaging form of the lading quantity All valid standard codes are used.					
L015	1073	Yes/No Condition or Response Code		X	ID	1/1	Used
		Description: Code indicating a Yes or No condition or response All valid standard codes are used.					

Syntax Rules:

1. P0203 - If either L002 or L003 is present, then the other is required.
2. P0405 - If either L004 or L005 is present, then the other is required.
3. P0607 - If either L006 or L007 is present, then the other is required.
4. P0809 - If either L008 or L009 is present, then the other is required.
5. C1104 - If L011 is present, then L004 is required.
6. P1315 - If either L013 or L015 is present, then the other is required.

Semantics:

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.

L1 Rate and Charges

Pos: 470	Max: 10
Heading - Mandatory	
Loop: L0	Elements: 21

User Option (Usage): Must use

Purpose: To specify rate and charges detail relative to a line item including freight charges, advances, special charges, and entitlements

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
L101	213	Lading Line Item Number	O	N0	1/3	Used
Description: Sequential line number for a lading item						
L102	60	Freight Rate	X	R	1/9	Used
Description: Rate that applies to the specific commodity						
L103	122	Rate/Value Qualifier	X	ID	2/2	Used
Description: Code qualifying how to extend charges or interpret value All valid standard codes are used.						
L104	58	Charge	X	N2	1/12	Used
Description: 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	Used
Description: 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	Used
Description: 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	Used
Description: 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 All valid standard codes are used.						
L108	150	Special Charge or Allowance Code	O	ID	3/3	Used
Description: Code identifying type of special charge or allowance						
CSX NOTE 1: <i>If the code you need is not available please contact B2B@csx.com to see if it can be added.</i>						

<u>Code</u>	<u>Name</u>
BRD	Bridge Fee
COM	Combination
User Note 1: <i>Special Commodity Allowance (Intermodal traffic only) assessed for specific STCCs (in lieu of SPQ process).</i>	
ENC	Energy charge
User Note 1: <i>FUEL SURCHARGE</i>	
ENS	Energy Surcharge (Fuel Adjustment Factor)
User Note 1: <i>FUEL SURCHARGE</i>	
HAZ	Hazardous Cargo Charge
User Note 1: <i>HAZMAT SURCHARGE</i>	
PBL	Pier Charges Other Than Wharfage
User Note 1: <i>PORT SURCHARGE</i>	

SUC		Special Use				
		User Note 1:				
		<i>ALAMEDA CORRIDOR</i>				
L109	121	Rate Class Code	O	ID	1/3	Used
Description: Code identifying specifically designated class of goods; Note: For international air shipments, see IATA Resolution 600k All valid standard codes are used.						
L110	39	Entitlement Code	O	ID	1/1	Used
Description: Code identifying entitlement party All valid standard codes are used.						
L111	16	Charge Method of Payment	O	ID	1/1	Used
Description: Code defining method of payment All valid standard codes are used.						
L112	276	Special Charge Description	O	AN	2/25	Used
Description: 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	Used
Description: Code indicating to which traffic a tariff applies All valid standard codes are used.						
L114	74	Declared Value	X	N2	2/12	Used
Description: Monetary assigned value expressed in the standard monetary denomination for the currency specified						
L115	122	Rate/Value Qualifier	X	ID	2/2	Used
Description: Code qualifying how to extend charges or interpret value All valid standard codes are used.						
L116	372	Lading Liability Code	O	ID	1/1	Used
Description: Code identifying limits of liability All valid standard codes are used.						
L117	220	Billed/Rated-as Quantity	X	R	1/11	Used
Description: 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	Used
Description: Code identifying the type of quantity or value on which the rate or item pricing is based All valid standard codes are used.						
L119	954	Percent	O	R	1/10	Used
Description: Percentage expressed as a decimal						
L120	100	Currency Code	O	ID	3/3	Used
Description: Code (Standard ISO) for country in whose currency the charges are specified						
L121	610	Amount	O	N2	1/15	Used
Description: Monetary amount						

Syntax Rules:

1. P0203 - If either L102 or L103 is present, then the other is required.
2. R040506 - At least one of L104, L105 or L106 is required.
3. P1415 - If either L114 or L115 is present, then the other is required.
4. P1718 - If either L117 or L118 is present, then the other is required.

Semantics:

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.

CSX NOTE 1:

See guidelines for L5/LO loop in Standards Conventions Chapter

PI Price Authority Identification

Pos: 480	Max: 30
Heading - Optional	
Loop: L0	Elements: 6

User Option (Usage): Used

Purpose: To communicate basis of pricing, such as contract number, quote number, or tariff number

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PI01	128	Reference Identification Qualifier	M	ID	2/3	Must use
Description: Code qualifying the Reference Identification						
		<u>Code</u>	<u>Name</u>			
		CT	Contract Number			
PI02	127	Reference Identification	M	AN	1/30	Must use
Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier						
PI05	168	Tariff Agency Code	O	ID	1/4	Used
Description: Code defining the tariff bureau or tariff publishing agent that governs the rates applied to this shipment						
PI06	965	Issuing Carrier Identifier	O	AN	1/10	Used
Description: Identification assigned by issuing carrier						
PI07	660	Contract Suffix	O	AN	1/2	Used
Description: Used to identify a type of contract						
PI08	169	Tariff Item Number	O	AN	1/16	Used
Description: Number assigned in the tariff to specific rate or group of rates that applies to one or more items in the shipment						

Syntax Rules:

1. C1412 - If PI14 is present, then PI12 is required.
2. C1513 - If PI15 is present, then PI13 is required.

Semantics:

1. PI07 is the price authority suffix for the contract.
2. PI08 is the price authority item number.
3. PI09 is the price authority supplement.
4. PI10 is the price authority section number.
5. PI11 is the price authority suffix for tariff.
6. PI12 is the effective date.
7. PI13 is the expiration date.

CSX NOTE 1:

See guidelines for L5/L0 loop in Standards Conventions Chapter of the guideline

L3 Total Weight and Charges

Pos: 540	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 3

User Option (Usage): Must use

Purpose: To specify the total shipment in terms of weight, volume, rates, charges, advances, and prepaid amounts applicable to one or more line items

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
L305	58	Charge	O	N2	1/12	Used
<p>Description: 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</p> <p>CSX NOTE 1: <i>Total freight column charges (including special charges).</i></p>						
L306	191	Advances	O	N2	1/9	Used
<p>Description: 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</p> <p>CSX NOTE 1: <i>Total advance column charges</i></p>						
L307	117	Prepaid Amount	O	N2	1/9	Used
<p>Description: Money paid at point of origin (usually by shipper) expressed in the standard monetary denomination for the currency specified</p> <p>CSX NOTE 1: <i>Total prepaid column charges. If not a prepaid shipment, L305 plus L306 will be the total charges for the shipment.</i></p>						

Syntax Rules:

1. P0102 - If either L301 or L302 is present, then the other is required.
2. P0304 - If either L303 or L304 is present, then the other is required.
3. P0910 - If either L309 or L310 is present, then the other is required.
4. C1201 - If L312 is present, then L301 is required.
5. P1415 - If either L314 or L315 is present, then the other is required.

Semantics:

1. L305 is the total charges.

CSX NOTE 1:

Used for total charges, advances and prepaid only

SE Transaction Set Trailer

Pos: 570	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

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)

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	Number of Included Segments	M	N0	1/10	Must use
Description: Total number of segments included in a transaction set including ST and SE segments						
SE02	329	Transaction Set Control Number	M	AN	4/9	Must use
Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set						

Comments:

1. SE is the last segment of each transaction set.

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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.

IEA

Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
IEA01	I16	Number of Included Functional Groups	M	NO	1/5	Must use
Description: A count of the number of functional groups included in an interchange						
IEA02	I12	Interchange Control Number	M	NO	9/9	Must use
Description: A control number assigned by the interchange sender						