

Bill of Lading 404 EDI Mapping

Empty Residue Carload EDI 404

Customer eBusiness

(800)361-0198

eBusiness@cn.ca

Canadian National Railway - Electronic Commerce

The enclosed documentation covers information required to handle empty residue carload traffic for domestic and cross border destinations.

Empty non-revenue Rail Bill of Lading Requirements Traffic originating in Canada

CN is currently using the X12 Standard Version/Release 5050/RAIL

Sample EDI Transmission with required data for the 404 Transaction Set on empty residue carload traffic for traffic originating in Canada. All empty residue shipments will require a residue weight value to be provided in the N703/N704 of the EDI transmission. The only exception will be tank car equipment that has been cleaned and purged and the L503 value (Commodity Code) is 3742263.

Sample EDI Transmission with required data for the 404 Transaction Set on empty residue traffic originating in Canada.

*020725*145

ISA*00* *00* *ZZ*GENERIC *02*CN 4*U*00505*000054913*0*P*^ GS*SR*GENERIC*CN*20110401*0728*0092*X*005050 ST*404*00920001 BX*00*R*NR**CN*L*E BNX*R**S M3*R*20110401*0728 N9*BM*495033230**20110401*0728 N7*CRDX*8962*1500*E******RR F9**WATSON*SK D9**VANCOUVER*BC N1*SH*GENERIC CARLOAD INC N3*123 ROAD N4*WATSON*SK PER*IC*CONTACT NAME*TE*123-123-1234 N1*CN*GENERIC CONSIGNEE CO N3*12 SMITH STREET N4*VANCOUVER*BC R2*CN*S****R LX*1 L5*1*DRY SUGAR*2062110*T L0*1*****1*CLD SE*20*00920001 GE*1*0092 IEA*1*000054913

ISA Segment: Interchange Control Header

ISA*00* *00* *ZZ*GENERIC *02*CN *020725*145 4*U*00505*000054913*0*P*^

Elemen	t Element	Data		Data		Characte	ers
Seq	Name		Element	t	Type		Min/Max
ISA01	Authorization Information Qualif	ier	I01		ID		2/2
ISA02	Authorization Information		102		AN		10/10
	(ten spaces)						
ISA03	•		103		ID		2/2
ISA04	Security Information		104		AN		10/10
ISA05	3		105		ID		2/2
ISA06	Interchange Sender ID		106		AN		15/15
	(fill out with spaces)						
ISA07	<u> </u>		105		ID		2/2
	(If RR SCAC use 02)						
ISA08	Interchange Receiver ID		107		AN		15/15
	(RR SCAC- fill out field with spa	aces)					
ISA09	Interchange Date		108		DT		6/6
	(YYMMDD)						
ISA10	Interchange Time		109		TM		4/4
10111	(HHMM)						
ISA11	Repetition Separator		165				1/1
10 4 4 6	(Suggest "^")		14.4				- /-
ISA12		mber	l11		ID		5/5
10 4 4 0	(Value 00505)		140		NIO		0.40
ISA13	Interchange Control Number		l12		N0		9/9
10044	(number assigned by sender)		140				4 /4
1SA14	Acknowledgment Requested		I13		ID		1/1
10045	(0 = none required, 1= required))	14.4		ın		4 /4
15A15	Usage Indicator		l14		ID		1/1
10 4 4 6	(P = Production, T = Test)		14.5				4 /4
ISA16	Component Element Separator		l15				1/1

GS Segment: Functional Group Header

GS*SR*GENERIC*CN*20110401*0728*0092*X*005050

Elemen	t Element	Data	Data	(Characters
Seq	Name		Element	Type	Min/Max
GS01	Functional Identifier Code		479	ID	2/2
	(SR = Rail Carrier Shipment Infor	mation)			
GS02	Application Sender's Code		142	AN	2/15
	(Customer's sender ID)				
GS03	Application Receiver's Code		124	AN	2/15
	(CN = Canadian National)				
GS04	Date		373	DT	8/8
	(CCYYMMDD)				
GS05	Time		337	TM	4/6
	(HHMM)				
GS06	Group Control Number		28	N0	1/9
	(Assigned number originated and r	naintained	l by the sender)		
GS07	Responsible Agency Code		455	ID	1/2
	(X = Accredited Standards Commi	ttee X12)			
GS08	Version / Release / Industry Identit	y	480	AN	1/12
	(CN is using version 005050 of the		Standards)		
			, i		

ST Segment: Transaction Set Header

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

ST*404*00920001

Elemen	t Element	Data	Data	Characters		
Seq	Name	Element	Type	Min/Max		
_						
ST01	Transaction Set Identifier Code	143	ID	3/3		
	(404 = Rail Carrier Shipment Information (Bill of Lading))					
ST02	Transaction Set Control Number	329	AN	4/9		
(Sequential control number generated by Customer)						

BX Segment: General Shipment Information

BX*00*R*NR**CN*L*E

Elemen	t Element	Data	Data	Characters	
Seq	Name	Element	Type	Min/Max	
BX01	Transaction Set Purpose Code	353	ID	2/2	
	(00 = Original)				
BX02	Transportation Method/Type Code	91	ID	1/2	
	$(R = Rail\})$				
BX03	Shipment Method Of Payment	146	ID	2/2	
	(NR= Non Revenue PP = Prepaid, CC :	= Collect)			
BX05	Standard Carrier Alpha Code	140	ID	2/4	
	(CN = CN Rail)				
BX06	Weight Unit Code	188	ID	1/1	
	(L = Pounds, K = Kilograms)				
BX07	Shipment Qualifier	147	ID	1/1	
	(E = Empty Equipment Billing Non Revenue W= Empty Equipment Billing Revenue)				

BNX Segment: Rail Shipment Information

BNX*R**S

Element Element		Data	Data	Characters
Seq	Name	Element	Type	Min/Max
BNX01	Shipment Weight Code (A = Wgt Agreement Number)	460	ID	1/1
BNX03	(N = Per Car Charge) (R = Rail Carrier Scale Billing Code (S = Single Shipment Billing)	11	ID	1/1

M3 Segment: Release

Indicates whether shipment is to be released for movement when the transmission is received or will be released through other means.

M3*R*20110401*0728

Elemen	nt Element	Data	Data	Characters
Seq	Name	Element	Type	Min/Max
M301	Release Code (R = Release with Shipment Information)	132	ID	1/1
M302	Release Date (CCYYMMDD)	373	DT	8/8
M303	Release Time (HHMM, 24 hour clock 0001-2359)	337	TM	4/6

N9 Segment: Reference Number

Allows Reference Numbers to be sent to CN. At least one N9 containing a Bill of Lading number must be included. This number will be included on all other documents such as Freight Invoice and Remittance/Payment.

N9*BM*495033230**20110401*0728

Elemen	t Element	Data	Data	Characters
Seq	Name	Element	Type	Min/Max
N901	Reference Number Qualifier	128	ID	2/2
	(BM = Bill of Lading number)			
	(WM = Weight Agreement Number			
	(PO = Purchase order Number)			
N902	Reference Number	127	AN	1/30
	(Max 15 characters for B/L # (BM))			
N904	Date	373	DT	8/8
	(CCYYMMDD, required for B/L (BM))			
N905	Time	337	TM	4/6
	(HHMM, 24 hour clock 0001-2359)			

N7 Segment: Equipment Details

N7*CRDX*8962*1500*E******RR

Element Element		Data	Data	Characters
Seq	Name	Element	Type	Min/Max
N701	Equipment Initial	206	AN	1/4
N702	Equipment Number	207	AN	1/10
N703	Weight	81	R	1/8
N704	Weight Qualifier	187	ID	1/2
	(E = Estimated Weight)			
	(N = Net Weight)			
N711	Equipment Description Code	40	ID	2/2
	(RR = Railcar)			

F9 Segment: Origin

Indicates the origin of the shipment, the point from which it is shipped. Spelling should be in accordance with that listed in the Standard Point Location Code (SPLC) standard available from the National Motor Freight Tariff Association (USA) or the National Transportation Agency (Canada). CN can provide spellings for your stations.

F9**WATSON*SK

Data	Element	Data	Data	Characters
Seq	Name	Element	Type	Min/Max
F902	Origin Station State Or Province Code	101	AN	2/19
F903		156	ID	2/2

D9 Segment: Destination

Indicates the destination of the shipment, the point at which it will be unloaded or where the transportation responsibility reverts to the consignee. Spelling should be in accordance with that listed in the Standard Point Location Code (SPLC) standard available from the National Motor Freight Tariff Association (USA) or the National Transportation Agency (Canada). CN can provide spellings for your stations.

D9**VANCOUVER*BC

Elemen	t Element	Data	Data	Characters
Seq	Name	Element	Type	Min/Max
D902	Destination Station	300	AN	2/19
D903	State Or Province Code	156	ID	2/2

N1 Segment: Name

Associated to the N3 and N4 segments below. N1, N3 and N4 segments are repeated for the Consignee and any other Additional Parties to the shipment.

N1*SH*GENERIC CARLOAD INC N3*123 ROAD N4*WATSON*SK N1*CN*GENERIC CONSIGNEE CO N3*12 SMITH STREET N4*VANCOUVER*BC

Elemen	nt Element	Data	Data	Characters
Seq	Name	Element	Type	Min/Max
N101	Entity Identifier Code (CN = Consignee) (SH = Shipper) (C1 = Care of Party)	98	ID	2/2
N102	(PF = Payor of Freight Charges Name	93	AN	1/27

N3 Segment: Address

Elemen	t Element	Data	Data	Characters
Seq	Name	Element	Type	Min/Max
N301	Address Information	166	AN	1/30
N302	Address Information	166	AN	1/30

N4 Segment: City

Elemen	t Element	Data	Data	Characters
Seq	Name	Element	Type	Min/Max
_				
N401	City Name	19	AN	2/19
N402	State Or Province Code	156	ID	2/2
N403	Postal Code	116	ID	3/9

R2 Segment: Route Information

One R2 segment for each railroad in the route. CN can provide route information for your shipments (ie: Railroad SCAC's and junctions).

R2*CN*S****R

Elemen Seq	t Element Name	Data Element	Data Type	Characters Min/Max
R201	Standard Carrier Alpha Code (SCAC)	140	ID	2/4
R202	(CN = Canadian National etc) Routing Sequence Code	133	ID	1/2
R206	(S = Origin Carrier, Shipper's Routing (R Transportation Method/Type Code	ail)) 91	ID	1/2
	(R = Rail)			

LX Segment: Assigned Number

LX*1

Elemen	it Element	Data	Data	Characters
Seq	Name	Element	Type	Min/Max
_				
LX01	Assigned Number	554	N0	1/6
	set)			

L5 Segment: Commodity Description.

CN can provide Standard Transportation Commodity Codes (STCC) for your commodities. The commodity code is required only on the first L5 segment. Additional L5 segments can be used to provide additional description of lading.

L5*1*DRY SUGAR*2062110*T

Elemer	nt Element	Data	Data	Characters
Seq	Name	Element	Type	Min/Max
L501	Line Number	213	N0	1/3
L502	Commodity Description	79	AN	1/50
L503	Commodity Code	22	AN	1/16
	(7 digit Standard Transportation Com	modity Code (STCC	())	
	(eg. DRY SUGAR = 2062110)			
L504	Commodity Code Qualifier	23	ID	1/1
	(T = Standard Transportation Commo	odity Code (STCC))		

L0 Segment: Line Item, Quantity and Weight

L0*1****E***1*CLD

Element Element		Data	Data	Characters
Seq	Name	Element	Type	Min/Max
L001	Lading Line Item Number	213	N0	1/3
L004	Weight	81	R	1/8
L005	Weight Qualifier	187	ID	1/2
	(E = Estimated Weight)			
	(N = Net Weight)			
L008	Lading Quantity	80	N0	1/7
L009	Packaging Form Code	211	ID	3/3
	(CLD = Carload)			
L011	Weight Unit Code	188	ID	1/1
	(L = Pounds)			
	(K = Kilograms)			
	=			

SE Segment: Transaction Set Trailer

SE*20*00920001

Element Element		Data	Data	Characters
Seq	Name	Element	Type	Min/Max
SE01	Number Of Included Segments	96	N0	1/10
	(Includes ST and SE segments)			
SE02	Transaction Set Control Number	329	AN	4/9
	(Repeated from ST segment ST02)			

GE Segment: Functional Group Trailer

GE*1*0092

Elemen	nt Element	Data	Data	Characters
Seq	Name	Element	Type	Min/Max
•			**	
GE01	Number Of Transaction Sets Included	97	N0	1/6
GE02	Group Control Number	28	N0	1/9
	(Repeated from GS segment GS06)			

IEA Segment: Interchange Control Trailer

IEA*1*000054913

Element Element		Data	Data	Characters	
Seq	Name	Element	Type	Min/Max	
<u> </u>					
IEA01	Number of included Functional Groups	I16	N0	1/5	
IEA02	Interchange Control Number	I12	N0	9/9	
	(Same number as ISA13)				

Empty non-revenue Rail Bill of Lading Requirements Traffic originating in United States

Sample EDI Transmission with required data for the 404 Transaction Set on empty residue traffic originating in the United States.

ISA*00* *00* *ZZ*GENERIC *02*CN *020725*145 4*U*00505*000054913*0*P*^

GS*SR*GENERIC*CN*20110401*0728*0092*X*005050

ST*404*00920001

BX*00*R*NR**CN*L*E

BNX*R**S

M3*R*20110401*0728

N9*BM*495033230**20110401*0728

N7*CRDX*8962*******RR

F9**DECATUR*IL

D9**DESTREHAN*LA

N1*SH*GENERIC CARLOAD INC

N3*123 ROAD

N4*WATSON*SK

PER*IC*CONTACT NAME*TE*123-123-1234

N1*CN*GENERIC CONSIGNEE CO

N3*123 STREET

N4*VANCOUVER*BC

R2*CN*S****R

LX*1

L5*1*DRY SUGAR*2062110*T

L0*1*****1*CLD

SE*20*00920001

GE*1*0092

IEA*1*000054913

Empty non -revenue Rail Bill of Lading (Transborder) Requirements

CN is currently using the X12 Standard Version/Release 5050/RAIL

Sample EDI Transmission with required data for the 404 Transaction Set on empty residue carload traffic destined to the United States. All empty residue shipment crossing the border will require a residue weight value to be provided in the N703/N704 of the EDI transmission. The only exception will be equipment that has been cleaned and purged, STCC 3742263.

Empty shipments with residue weight less than 7% of the loaded capacity of the equipment will require full commodity description (STCC), the residue weight (N703/N704) value as well as civic address information for all parties to the shipment.

Empty shipments with residue weight equal to or in excess of 7% of the loaded capacity of the equipment will require full commodity description (STCC), complete civic address information for each party to the shipment as well as a customs broker.

00 *020725*145 ISA*00* *ZZ*GENERIC *02*CN 4*U*00505*000054913*0*P*^ GS*SR*GENERIC*CN*20110401*0728*0092*X*005050 ST*404*00920001 BX*00*R*NR**CN*L*E BNX*R**S M3*R*20110401*0728 N9*BM*495033230**20110401*0728 N7*CRDX*8962*15000*E******RR F9**WATSON*SK D9**CEDAR RAPIDS*IA N1*SH*GENERIC CARLOAD INC N3*123 ROAD N4*WATSON*SK PER*IC*CONTACT NAME*TE*123-123-1234 N1*CN*GENERIC CARLOAD CO N3*12 SMITH STREET N4*CEDAR RAPIDS*IA N1*XU*BROKER NAME N3*123 MAIN STREET N4*RANIER*MN R2*CN*S*SUPER***R R2*UP*1****R LX*1 L5*1*DRY SUGAR*2062110*T L5*1*THIS SHIPMENT OF MERCHANDISE IS VALUED BELOW L5*1*\$200 AND MEETS THE REQUIREMENTS OF 19 U.S.C. L5*1*1321(A)(2) TO QUALIFY FOR INFORMAL ENTRY L0*1***15000*E***1*CLD SE*22*00920001 GE*1*0092 IEA*1*000054913

ISA Segment: Interchange Control Header

ISA*00* *00* *ZZ*GENERIC *02*CN *020725*145 4*U*00505*000054913*0*P*^

Elemen	Element	Data		Data		Charact	ers
Seq	Name		Elemen	t	Type		Min/Max
ISÃ01	Authorization Information Quali	fier	l01		ID		2/2
ISA02	Authorization Information		102		AN		10/10
	(ten spaces)						
ISA03	Security Information Qualifier		103		ID		2/2
ISA04	Security Information		104		AN		10/10
ISA05	Interchange ID Qualifier		105		ID		2/2
ISA06	Interchange Sender ID		106		AN		15/15
	(fill out with spaces)						
ISA07	Interchange ID Qualifier		105		ID		2/2
	(If RR SCAC use 02)						
ISA08	Interchange Receiver ID		107		AN		15/15
	(RR SCAC- fill out field with spa	aces)					
ISA09	Interchange Date		108		DT		6/6
	(YYMMDD)						
ISA10	Interchange Time		109		TM		4/4
	(HHMM)						
ISA11	Repetition Separator		165				1/1
	(Suggest "^"						
ISA12	5	umber	l11		ID		5/5
	(Value 00505)						
ISA13	•		l12		N0		9/9
	(number assigned by sender)						
ISA14	5 ,		l13		ID		1/1
	(0 = none required, 1= required	l)					
ISA15	Usage Indicator		l14		ID		1/1
	(P = Production, T = Test)						
ISA16	Component Element Separator	•	l15				1/1

GS Segment: Functional Group Header

GS*SR*GENERIC*CN*20000207*0728*0092*X*005050

Elemen	t Element	Data	Data		Characters
Seq	Name		Element	Type	Min/Max
GS01	Functional Identifier Code		479	ID	2/2
	(SR = Rail Carrier Shipment Infor	mation)			
GS02	Application Sender's Code	,	142	AN	2/15
	(Customer's sender ID)				
GS03	Application Receiver's Code		124	AN	2/15
	(CN = Canadian National)				
GS04	Date		373	DT	8/8
	(CCYYMMDD)				
GS05	Time		337	TM	4/6
	(HHMM)				
GS06	Group Control Number		28	N0	1/9
	(Assigned number originated and n	naintaine	d by the sender)		
GS07	Responsible Agency Code		455	ID	1/2
	(X = Accredited Standards Commi	ttee X12))		
GS08	Version / Release / Industry Identit	У	480	AN	1/12
	(CN is using version 005050 of the	X12 ED	I Standards)		

ST Segment: Transaction Set Header

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

ST*404*00920001

Elemen	nt Element	Data	Data	Characters		
Seq	Name	Element	Type	Min/Max		
ST01	Transaction Set Identifier Code	143	ID	3/3		
	(404 = Rail Carrier Shipment Information (Bill of Lading))					
ST02	Transaction Set Control Number	329	AN	4/9		
(Sequential control number generated by Customer)						

BX Segment: General Shipment Information

BX*00*R*NR**CN*L*E

t Element	Data	Data	Characters
Name	Element	Type	Min/Max
Transaction Set Purpose Code	353	ID	2/2
(00 = Original)			
Transportation Method/Type Code	91	ID	1/2
(R = Rail)			
Shipment Method Of Payment	146	ID	2/2
(PP = Prepaid, CC = Collect)			
Standard Carrier Alpha Code	140	ID	2/4
(CN = CN Rail)			
Weight Unit Code	188	ID	1/1
(L = Pounds, K = Kilograms)			
Shipment Qualifier	147	ID	1/1
(E = Bill of Lading for Empty Individual S)	hipment)		
Customs Documentation handling code	501	ID	2/2
(30 = Proforma with Broker, no B13 requir	red)		
GST Declaration code	714	ID	1/1
(2 = No GST to apply)			
	Transaction Set Purpose Code (00 = Original) Transportation Method/Type Code (R = Rail}) Shipment Method Of Payment (PP = Prepaid, CC = Collect) Standard Carrier Alpha Code (CN = CN Rail) Weight Unit Code (L = Pounds, K= Kilograms) Shipment Qualifier (E = Bill of Lading for Empty Individual S Customs Documentation handling code (30 = Proforma with Broker, no B13 required) GST Declaration code	Name Element Transaction Set Purpose Code 353 (00 = Original) Transportation Method/Type Code 91 (R = Rail}) Shipment Method Of Payment 146 (PP = Prepaid, CC = Collect) Standard Carrier Alpha Code 140 (CN = CN Rail) Weight Unit Code 188 (L = Pounds, K= Kilograms) Shipment Qualifier 147 (E = Bill of Lading for Empty Individual Shipment) Customs Documentation handling code 501 (30 = Proforma with Broker, no B13 required) GST Declaration code 714	NameElementTypeTransaction Set Purpose Code (00 = Original)353IDTransportation Method/Type Code (R = Rail})91IDShipment Method Of Payment (PP = Prepaid, CC = Collect)146IDStandard Carrier Alpha Code (CN = CN Rail)140IDWeight Unit Code (L = Pounds, K= Kilograms)188IDShipment Qualifier (E = Bill of Lading for Empty Individual Shipment) Customs Documentation handling code (30 = Proforma with Broker, no B13 required) GST Declaration code714ID

BNX Segment: Rail Shipment Information

BNX*R**S

Element Seq	t Element Name	Data Element	Data Type	Characters Min/Max
BNX01	Shipment Weight Code (A = Wgt Agreement Number) (N = Per Car Charge)	460	ID	1/1
BNX03	(R = Rail Carrier Scale) Billing Code (S = Single Shipment Billing)	11	ID	1/1

M3 Segment: Release

Indicates whether shipment is to be released for movement when the transmission is received or will be released through other means.

M3*R*20110401*0728

Element Element		Data	Data	Characters
Seq	Name	Element	Type	Min/Max
M301	Release Code	132	ID	1/1
M302	(R = Release with Shipment Information) Release Date	373	DT	8/8
M303	(CCYYMMDD) Release Time (HHMM, 24 hour clock 0001-2359)	337	TM	4/6

N9 Segment: Reference Number

Allows Reference Numbers to be sent to CN. At least one N9 containing a Bill of Lading number must be included. This number will be included on all other documents such as Freight Invoice and Remittance/Payment.

N9*BM*495033230**20110401*0728

Elemen	t Element	Data	Data	Characters
Seq	Name	Element	Type	Min/Max
N901	Reference Number Qualifier (BM = Bill of Lading number) (WM = Weight Agreement Number	128	ID	2/2
N902	(PO = Purchase order Number) Reference Number (Max 15 characters for B/L # (BM))	127	AN	1/30
N904	Date	373	DT	8/8
N905	(CCYYMMDD, required for B/L (BM)) Time (HHMM, 24 hour clock 0001-2359)	337	TM	4/6

N7 Segment: Equipment Details

N7*CRDX*8962*15000*E******RR

Element Element		Data	Data	Characters
Seq	Name	Element	Type	Min/Max
N701	Equipment Initial	206	AN	1/4
N702	Equipment Number	207	AN	1/10
N703	Weight	81	R	1/8
N704	Weight Qualifier	187	ID	1/2
	(E = Estimated Weight)			
	(N = Net Weight)			
N711	Equipment Description Code	40	ID	2/2
	(RR = Railcar)			

F9 Segment: Origin

Indicates the origin of the shipment, the point from which it is shipped. Spelling should be in accordance with that listed in the Standard Point Location Code (SPLC) standard available from the National Motor Freight Tariff Association (USA) or the National Transportation Agency (Canada). CN can provide spellings for your stations.

F9**WATSON*SK

Data	Element	Data	Data	Characters
Seq	Name	Element	Type	Min/Max
F902	Origin Station	101	AN	2/19
F903	State Or Province Code	156	ID	2/2

D9 Segment: Destination

Indicates the destination of the shipment, the point at which it will be unloaded or where the transportation responsibility reverts to the consignee. Spelling should be in accordance with that listed in the Standard Point Location Code (SPLC) standard available from the National Motor Freight Tariff Association (USA) or the National Transportation Agency (Canada). CN can provide spellings for your stations.

D9**CEDAR RAPIDS*IA

Elemen	t Element	Data	Data	Characters
Seq	Name	Element	Type	Min/Max
D902	Destination Station	300	AN	2/19
D903	State Or Province Code	156	ID	2/2

N1 Segment: Name

Associated to the N3 and N4 segments below. N1, N3 and N4 segments are repeated for the Consignee and any other Additional Parties to the shipment.

N1*SH*GENERIC CARLOAD INC N3*123 ROAD N4*WATSON*SK N1*CN*GENERIC CONSIGNEE CO N3*12 SMITH STREET N4*CEDAR RAPIDS*IA N1*XU*BROKER NAME

Elemen	t Element	Data	Data	Characters
Seq	Name	Element	Type	Min/Max
N101	Entity Identifier Code	98	ID	2/2
11101	(CN = Consignee)			_,_
	(SH = Shipper)			
	(C1 = Care of Party)			
	(PF = Payor of Freight)			
	(XU = Broker)			
N102	Name	93	AN	1/27

N3 Segment: Address

Elemen	t Element	Data	Data	Characters
Seq	Name	Element	Туре	Min/Max
N301 N302	Address Information Address Information	166 166	AN AN	1/30 1/30

N4 Segment: City

Elemen	it Element	Data	Data	Characters
Seq	Name	Element	Type	Min/Max
_				
N401	City Name	19	AN	2/19
N402	State Or Province Code	156	ID	2/2
N403	Postal Code	116	ID	3/9

R2 Segment: Route Information

One R2 segment for each railroad in the route. CN can provide route information for your shipments (ie: Railroad SCAC's and junctions).

R2*CN*S*SUPER***R R2*UP*1***R

Element Element		Data	Data	Characters
Seq	Name	Element	Type	Min/Max
R201	Standard Carrier Alpha Code (SCAC)	140	ID	2/4
	(CN = Canadian National etc)			
R202	Routing Sequence Code	133	ID	1/2
	(S = Origin Carrier, Shipper's Routing (R	ail))		
	$(1 = 1^{st} \text{ carrier after origin carrier})$			
	$(2 = 2^{\text{nd}} \text{ carrier after origin carrier})$			
R206	Transportation Method/Type Code	91	ID	1/2
	(R = Rail)			

LX Segment: Assigned Number

LX*1

Elemen	nt Element	Data	Data	Characters
Seq	Name	Element	Type	Min/Max
-			• •	
LX01	Assigned Number	554	N0	1/6
(Number assigned for differentiation within a transaction set)				

L5 Segment: Commodity Description.

CN can provide Standard Transportation Commodity Codes (STCC) for your commodities. The commodity code is required only on the first L5 segment. Additional L5 segments can be used to provide additional description of lading. The L5 can also include the shippers declaration that the value of the residue is less than \$200.00 for customs purposes.

L5*1*DRY SUGAR*2062110*T L5*1*THIS SHIPMENT OF MERCHANDISE IS VALUED BELOW L5*1*\$200 AND MEETS THE REQUIREMENTS OF 19 U.S.C. L5*1*1321(A)(2) TO QUALIFY FOR INFORMAL ENTRY

Element Element		Data	Data	Characters
Seq	Name	Element	Type	Min/Max
L501	Line Number	213	N0	1/3
L502	Commodity Description	79	AN	1/50
L503	Commodity Code	22	AN	1/16
	(7 digit Standard Transportation Commodi	ty Code (STCC))		
	(ie 2062110 =DRY SUGAR)			
L504	Commodity Code Qualifier	23	ID	1/1
	(T = Standard Transportation Commodity	Code (STCC))		

L0 Segment: Line Item, Quantity and Weight

L0*1***15000*E***1*CLD

nt Element	Data	Data	Characters
Name	Element	Type	Min/Max
		**	
Lading Line Item Number	213	N0	1/3
Weight	81	R	1/8
Weight Qualifier	187	ID	1/2
(E = Estimated Weight)			
(N = Net Weight)			
Lading Quantity	80	N0	1/7
Packaging Form Code	211	ID	3/3
(CLD = Carload)			
Weight Unit Code	188	ID	1/1
(L = Pounds)			
(K = Kilograms)			
	Name Lading Line Item Number Weight Weight Qualifier (E = Estimated Weight) (N = Net Weight) Lading Quantity Packaging Form Code (CLD = Carload) Weight Unit Code (L = Pounds)	Name Element Lading Line Item Number 213 Weight 81 Weight Qualifier 187 (E = Estimated Weight) (N = Net Weight) Lading Quantity 80 Packaging Form Code 211 (CLD = Carload) Weight Unit Code 188 (L = Pounds)	Name Element Type Lading Line Item Number 213 N0 Weight 81 R Weight Qualifier 187 ID (E = Estimated Weight) (N = Net Weight) Lading Quantity 80 N0 Packaging Form Code 211 ID (CLD = Carload) Weight Unit Code 188 ID (L = Pounds)

SE Segment: Transaction Set Trailer

SE*22*00920001

Elemer	nt Element	Data	Data	Characters
Seq	Name	Element	Type	Min/Max
SE01	Number Of Included Segments	96	N0	1/10
	(Includes ST and SE segments)			
SE02	Transaction Set Control Number	329	AN	4/9
	(Repeated from ST segment ST02)			

GE Segment: Functional Group Trailer

GE*1*0092

Elemer	nt Element	Data	Data	Characters
Seq	Name	Element	Type	Min/Max
_				
GE01	Number Of Transaction Sets Included	97	N0	1/6
GE02	Group Control Number			
	(Repeated from GS segment GS06)			

IEA Segment: Interchange Control Trailer

IEA*1*000054913

Elemen	t Element	Data	Data	Characters
Seq	Name	Element	Type	Min/Max
-			• •	
IEA01	Number of included Functional Groups	I16	N0	1/5
IEA02	Interchange Control Number	I12	N0	9/9
	(Same number as ISA13)			