



**Bill of Lading  
404  
EDI Mapping**

***Lumber Pulp Inc***

## **Canadian National Railway - Electronic Commerce**

The enclosed documentation covers information required to handle Pulp or Lumber traffic to domestic or USA destinations

## Canadian National Railway - Electronic Commerce Basic 404 (Rail Bill of Lading) Requirements

CN is currently using the X12 Standard Version/Release 7010/RAIL

Sample EDI Transmission with required data for the 404 Transaction Set on traffic destined to a domestic destination.

ISA\*00\*        \*00\*        \*ZZ\*GENERIC        \*02\*CN        \*180116\*145  
4\*U\*00701\*000054913\*0\*P\*^  
GS\*SR\*LBRPULP\*CN\*20180116\*1454\*0092\*X\*007010  
ST\*404\*00920001  
BX\*00\*R\*PP\*\*CN\*L\*B  
BNX\*A\*\*S  
M3\*R\*20180116\*1454  
N9\*BM\*495033230\*\*20180116\*1454  
N9\*WM\*1234A  
N7\*CN\*123456\*213360\*N\*\*\*\*\*RR  
F9\*\*WATSON\*SK  
D9\*\*VANCOUVER\*BC  
N1\*SH\*LUMBER & PULP INC  
N3\*123 ROAD  
N4\*WATSON\*SK\*S0K 4V0  
PER\*IC\*CONTACT NAME\*TE\*123-123-1234  
N1\*CN\*GENERIC LUMBER CO  
N3\*12 SMITH STREET  
N4\*VANCOUVER\*BC\*V5K 1P7  
R2\*CN\*S\*\*\*\*R  
LX\*1  
L5\*1\*LUMBER\*2421184\*T  
L0\*1\*\*\*213360\*N\*\*\*43\*PKG  
SE\*21\*00920001  
GE\*1\*0092  
IEA\*1\*000054913

**ISA Segment: Interchange Control Header**

**ISA\*00\*      \*00\*      \*ZZ\*GENERIC      \*02\*CN      \*180116\*145  
4\*U\*00701\*000054913\*0\*P\*^**

Element Seq	Element Name	Data Element	Data Type	Characters Min/Max
ISA01	Authorization Information Qualifier	I01	ID	2/2
ISA02	Authorization Information (ten spaces)	I02	AN	10/10
ISA03	Security Information Qualifier	I03	ID	2/2
ISA04	Security Information (ten spaces)	I04	AN	10/10
ISA05	Interchange ID Qualifier	I05	ID	2/2
ISA06	Interchange Sender ID (GENERIC - fill out field with spaces)	I06	AN	15/15
ISA07	Interchange ID Qualifier (If RR SCAC use 02)	I05	ID	2/2
ISA08	Interchange Receiver ID (CN- fill out field with spaces)	I07	AN	15/15
ISA09	Interchange Date (YYMMDD)	I08	DT	6/6
ISA10	Interchange Time (HHMM)	I09	TM	4/4
ISA11	Repetition Separator (Suggest “^”)	I65		1/1
ISA12	Interchange Control Version Number (Value 00701)	I11	ID	5/5
ISA13	Interchange Control Number (a control number assigned by sender)	I12	N0	9/9
ISA14	Acknowledgment Requested (0 = none requested, 1= requested)	I13	ID	1/1
ISA15	Usage Indicator (P = Production, T = Test)	I14	ID	1/1
ISA16	Component Element Separator (Suggest “:.”)	I15		1/1

**GS Segment: Functional Group Header**

**GS\*SR\*LBRPULP\*CN\*20180116\*1454\*0092\*X\*007010**

Element Seq	Element Name	Data Element	Data Type	Characters Min/Max
GS01	Functional Identifier Code (SR = Rail Carrier Shipment Information)	479	ID	2/2
GS02	Application Sender's Code (Customer's sender ID)	142	AN	2/15
GS03	Application Receiver's Code (CN = Canadian National)	124	AN	2/15
GS04	Date (CCYYMMDD)	373	DT	8/8
GS05	Time (HHMM)	337	TM	4/6
GS06	Group Control Number (Assigned number originated and maintained by the sender)	28	N0	1/9
GS07	Responsible Agency Code (X = Accredited Standards Committee X12)	455	ID	1/2
GS08	Version / Release / Industry Identity (CN is using version 007010 of the X12 EDI Standards)	480	AN	1/12

**ST Segment: Transaction Set Header**

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

**ST\*404\*00920001**

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

### **BX Segment: General Shipment Information**

#### **BX\*00\*R\*PP\*\*CN\*L\*B**

Element Seq	Element Name	Data Element	Data Type	Characters Min/Max
BX01	Transaction Set Purpose Code (00 = Original)	353	ID	2/2
BX02	Transportation Method/Type Code (R = Rail)	91	ID	1/2
BX03	Shipment Method of Payment (PP = Prepaid, CC = Collect)	146	ID	2/2
BX05	Standard Carrier Alpha Code (CN = CN Rail)	140	ID	2/4
BX06	Weight Unit Code (L = Pounds, K= Kilograms)	188	ID	1/1
BX07	Shipment Qualifier (B = Bill of Lading for Individual Shipment)	147	ID	1/1

### **BNX Segment: Rail Shipment Information**

#### **BNX\*A\*\*S**

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

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#### **M3\*R\*20180116\*1454**

Element Seq	Element Name	Data Element	Data Type	Characters 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\*\*20180116\*1454  
N9\*WM\*1234A**

Element Seq	Element Name	Data Element	Data Type	Characters Min/Max
N901	Reference Number Qualifier (BM = Bill of Lading number) (WM = Weight Agreement Number) (PO = Purchase order Number)	128	ID	2/3
N902	Reference Number (Max 15 characters for B/L # (BM))	127	AN	1/30
N904	Date (CCYYMMDD, required for B/L (BM))	373	DT	8/8
N905	Time (HHMM, 24 hour clock 0001-2359 or HHMMSS or HHMMSSD or HHMMSSDD H=hours 00-23 M=minutes 00-59 S=seconds 00-59 DD=decimal seconds in tenths and hundredths 00-99)	337	TM	4/8

**N7 Segment: Equipment Details**

**N7\*CN\*123456\*213360\*N\*\*\*\*\*RR**

Element Seq	Element Name	Data Element	Data Type	Characters Min/Max
N701	Equipment Initial	206	AN	1/4
N702	Equipment Number	207	AN	1/15
N703	Weight	81	R	1/10
N704	Weight Qualifier (E = Estimated Weight) (N = Net Weight)	187	ID	1/2
N711	Equipment Description Code (RR = Railcar }	40	ID	2/2

**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 Seq	Element Name	Data Element	Data Type	Characters Min/Max
F902	Origin Station	19	AN	2/30
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\*\*VANCOUVER\*BC**

Element Seq	Element Name	Data Element	Data Type	Characters Min/Max
D902	Destination Station	19	AN	2/30
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\*LUMBER & PULP INC  
 N3\*123 ROAD  
 N4\*WATSON\*SK\*S0K 4V0  
 N1\*CN\*GENERIC LUMBER CO  
 N3\*12 SMITH STREET  
 N4\*VANCOUVER\*BC\*V5K 1P7**

Element Seq	Element Name	Data Element	Data Type	Characters Min/Max
N101	Entity Identifier Code (CN = Consignee) (SH = Shipper) (C1 = Care of Party) (PH = Payor of Freight Charges)	98	ID	2/3
N102	Name	93	AN	1/35

**N3 Segment: Address**

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

**N4 Segment: City**

Element Seq	Element Name	Data Element	Data Type	Characters Min/Max
N401	City Name	19	AN	2/30
N402	State Or Province Code	156	ID	2/2
N403	Postal Code	116	ID	3/15

**PER Segment: Administrative Communications Contact**

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

Element Seq	Element Name	Data Element	Data Type	Characters Min/Max
PER01	Contact function code (IC = Information contact)	366	ID	2/2
PER02	Name	93	ID	1/60
PER03	Communication number qualifier (TE=telephone)	365	ID	2/2
PER04	Communication number	364	ID	1/25

## **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**

Element Seq	Element Name	Data Element	Data Type	Characters Min/Max
R201	Standard Carrier Alpha Code (SCAC) (CN = Canadian National etc)	140	ID	2/4
R202	Routing Sequence Code (S = Origin Carrier, Shipper's Routing (Rail))	133	ID	1/2
R206	Transportation Method/Type Code (R = Rail)	91	ID	1/2

## **LX Segment: Assigned Number**

### **LX\*1**

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

## **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\*LUMBER\*2421184\*T**

Element Seq	Element Name	Data Element	Data Type	Characters Min/Max
L501	Line Number	213	N0	1/6
L502	Commodity Description	79	AN	1/50
L503	Commodity Code (7 digit Standard Transportation Commodity Code (STCC)) (eg. WALLBOARD = 3275440)	22	AN	1/30
L504	Commodity Code Qualifier (T = Standard Transportation Commodity Code (STCC))	23	ID	1/1

**L0 Segment: Line Item, Quantity and Weight**

**L0\*1\*\*\*213360\*N\*\*\*43\*PKG**

Element Seq	Element Name	Data Element	Data Type	Characters Min/Max
L001	Lading Line Item Number	213	N0	1/6
L004	Weight	81	R	1/10
L005	Weight Qualifier (E = Estimated Weight) (N = Net Weight)	187	ID	1/2
L008	Lading Quantity	80	N0	1/7
L009	Packaging Form Code (CLD = Carload)	211	ID	3/3

**PI Segment: Price Authority Identification**

**PI\*CT\*12345\*\*\*CN**

Element Seq	Element Name	Data Element	Data Type	Characters Min/Max
PI01	Reference number qualifier (CT = Contract Number)	128	ID	2/3
PI02	Reference Number	127	AN	1/80
PI05	Tariff Agency Code (CN = Canadian National)	168	ID	1/4

**SE Segment: Transaction Set Trailer**

**SE\*21\*00920001**

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

**GE Segment: Functional Group Trailer**

**GE\*1\*0092**

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

**IEA Segment: Interchange Control Trailer**

**IEA\*1\*000054913**

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

## Canadian National Railway - Electronic Commerce Basic 404 (Rail Bill of Lading) Requirements

CN is currently using the X12 Standard Version/Release 7010/RAIL

Sample EDI Transmission with required data for the 404 Transaction Set on Pulp or Lumber traffic destined to the United States.

ISA\*00\*        \*00\*        \*ZZ\*GENERIC        \*02\*CN        \*180116\*145  
4\*U\*00701\*000054913\*0\*P\*^  
GS\*SR\*LBRPULP\*CN\*20180116\*1454\*0092\*X\*007010  
ST\*404\*00920001  
BX\*00\*R\*PP\*\*CN\*L\*B\*\*\*\*\*30\*\*2  
BNX\*A\*\*S  
M3\*R\*20180116\*1454  
N9\*BM\*495033230\*\*20180116\*1454  
N9\*WM\*1234A  
HS\*4403.21.00.40  
EP\*123123123AB  
N7\*CN\*123456\*150880\*N\*\*\*\*\*RR  
F9\*\*WATSON\*SK  
D9\*\*GROOS\*MI  
N1\*SH\*LUMBER & PULP INC  
N3\*123 ROAD  
N4\*WATSON\*SK  
PER\*IC\*CONTACT NAME\*TE\*123-123-1234  
N1\*CN\*GENERIC LUMBER CO  
N3\*12 SMITH STREET  
N4\*GROOS\*MI  
N1\*CB\*BROKER NAME  
R2\*CN\*S\*SUPER\*\*\*R  
R2\*UP\*1\*\*\*\*R  
LX\*1  
L5\*1\*WOODPULP SULPHATE BLEACHED\*2611135\*T  
L0\*1\*\*\*150880\*N\*\*\*270\*BAL  
PI\*CT\*123456\*\*\*CN  
X1\*\*AJR 773001\*C\*\*\*\*CA\*\*\*64\*31879.49\*\*MD\*500.00  
XH\*USD\*Y\*FCD\*512588  
X7\*ORIGIN COUNTRY:CANADA\*ORIGIN PROVINCE  
X7\*MANITOBA  
SE\*30\*00920001  
GE\*1\*0092  
IEA\*1\*000054913

**ISA Segment: Interchange Control Header**

**ISA\*00\*      \*00\*      \*ZZ\*GENERIC      \*02\*CN      \*180116\*145  
4\*U\*00701\*000054913\*0\*P\*^**

Element Seq	Element Name	Data Element	Data Type	Characters Min/Max
ISA01	Authorization Information Qualifier	I01	ID	2/2
ISA02	Authorization Information (ten spaces)	I02	AN	10/10
ISA03	Security Information Qualifier	I03	ID	2/2
ISA04	Security Information (ten spaces)	I04	AN	10/10
ISA05	Interchange ID Qualifier	I05	ID	2/2
ISA06	Interchange Sender ID (GENERIC - fill out field with spaces)	I06	AN	15/15
ISA07	Interchange ID Qualifier (If RR SCAC use 02)	I05	ID	2/2
ISA08	Interchange Receiver ID (CN- fill out field with spaces)	I07	AN	15/15
ISA09	Interchange Date (YYMMDD)	I08	DT	6/6
ISA10	Interchange Time (HHMM)	I09	TM	4/4
ISA11	Repetition Separator (Suggest “^”)	I65		1/1
ISA12	Interchange Control Version Number (Value 00701)	I11	ID	5/5
ISA13	Interchange Control Number (a control number assigned by sender)	I12	N0	9/9
ISA14	Acknowledgment Requested (0 = none requested, 1= requested)	I13	ID	1/1
ISA15	Usage Indicator (P = Production, T = Test)	I14	ID	1/1
ISA16	Component Element Separator (Suggest “.”)	I15		1/1

**GS Segment: Functional Group Header**

**GS\*SR\*LBRPULP\*CN\*20180116\*1454\*0092\*X\*007010**

Element Seq	Element Name	Data Element	Data Type	Characters Min/Max
GS01	Functional Identifier Code (SR = Rail Carrier Shipment Information)	479	ID	2/2
GS02	Application Sender's Code (Customer's sender ID)	142	AN	2/15
GS03	Application Receiver's Code (CN = Canadian National)	124	AN	2/15
GS04	Date (CCYYMMDD)	373	DT	8/8
GS05	Time (HHMM)	337	TM	4/6
GS06	Group Control Number (Assigned number originated and maintained by the sender)	28	N0	1/9
GS07	Responsible Agency Code (X = Accredited Standards Committee X12)	455	ID	1/2
GS08	Version / Release / Industry Identity (CN is using version 007010 of the X12 EDI Standards)	480	AN	1/12

**ST Segment: Transaction Set Header**

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

**ST\*404\*00920001**

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

### **BX Segment: General Shipment Information**

**BX\*00\*R\*PP\*\*CN\*L\*B\*\*\*\*10\*\*2**

Element Seq	Element Name	Data Element	Data Type	Characters Min/Max
BX01	Transaction Set Purpose Code (00 = Original)	353	ID	2/2
BX02	Transportation Method/Type Code (R = Rail )	91	ID	1/2
BX03	Shipment Method Of Payment (PP = Prepaid, CC = Collect)	146	ID	2/2
BX05	Standard Carrier Alpha Code (CN = CN Rail)	140	ID	2/4
BX06	Weight Unit Code (L = Pounds, K= Kilograms)	188	ID	1/1
BX07	Shipment Qualifier (B = Bill of Lading for Individual Shipment)	147	ID	1/1
BX11	Customs Documentation handling code (10 = Proforma entered, no B13 required) (30 = Proforma with Broker, no B13 required)	501	ID	2/2
BX13	GST Declaration code (2 = No GST to apply)	714	ID	1/1

### **BNX Segment: Rail Shipment Information**

**BNX\*A\*\*S**

Element Seq	Element Name	Data Element	Data Type	Characters Min/Max
BNX01	Shipment Weight Code (A = Wgt Agreement Number) (N = Per Car Charge) (R = Rail Carrier Scale)	460	ID	1/1
BNX03	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\*20180116\*1454**

Element Seq	Element Name	Data Element	Data Type	Characters 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\*\*20180116\*1454**  
**N9\*WM\*1234A**  
**N9\*HS\*4403\*21\*00\*40**  
**N9\*EP\*123456789AB**

Element Seq	Element Name	Data Element	Data Type	Characters Min/Max
N901	Reference Number Qualifier (BM = Bill of Lading number) (WM = Weight Agreement Number) (PO = Purchase order Number)	128	ID	2/3
N902	Reference Number (Max 15 characters for B/L # (BM))	127	AN	1/30
N904	Date (CCYYMMDD, required for B/L (BM))	373	DT	8/8
N905	Time (HHMM, 24 hour clock 0001-2359 or HHMMSS or HHMMSSD or HHMMSSDD H=hours 00-23 M=minutes 00-59 S=seconds 00-59 DD=decimal seconds in tenths and hundredths 00-99)	337	TM	4/8

**N7 Segment: Equipment Details**

**N7\*CN\*123456\*150880\*E\*\*\*\*\*RR**

Element Seq	Element Name	Data Element	Data Type	Characters Min/Max
N701	Equipment Initial	206	AN	1/4
N702	Equipment Number	207	AN	1/15
N703	Weight	81	R	1/10
N704	Weight Qualifier (E = Estimated Weight) (N = Net Weight)	187	ID	1/2
N711	Equipment Description Code (RR = Railcar }	40	ID	2/2

**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 Seq	Element Name	Data Element	Data Type	Characters Min/Max
F902	Origin Station	19	AN	2/30
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\*\*GROOS\*MI**

Element Seq	Element Name	Data Element	Data Type	Characters Min/Max
D902	Destination Station	19	AN	2/30
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\*LUMBER & PULP INC  
N3\*123 ROAD  
N4\*WATSON\*SK  
N1\*CN\*GENERIC LUMBER CO  
N3\*12 SMITH STREET  
N4\*GROOS\*MI  
N1\*XU\*BROKER NAME**

Element Seq	Element Name	Data Element	Data Type	Characters Min/Max
N101	Entity Identifier Code (SH = Shipper) (CN = Consignee) (C1 = Care of Party) (PF = Payer of Freight) (XU = US Broker) (XQ = Canadian Broker) (XR = Mexican Broker)	98	ID	2/2

N102	Name	93	AN	1/35
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**N3 Segment: Address**

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

**N4 Segment: City**

Element Seq	Element Name	Data Element	Data Type	Characters Min/Max
N401	City Name	19	AN	2/30
N402	State or Province Code	156	ID	2/2
N403	Postal Code	116	ID	3/15

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

## **LX Segment: Assigned Number**

**LX\*1**

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

## **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\*WOODPULP SULPHATE BLEACHED\*2611135\*T**

Element Seq	Element Name	Data Element	Data Type	Characters Min/Max
L501	Line Number	213	N0	1/6
L502	Commodity Description	79	AN	1/50
L503	Commodity Code (7 digit Standard Transportation Commodity Code (STCC)) (ie 2611135 = Woodpulp)	22	AN	1/30
L504	Commodity Code Qualifier (T = Standard Transportation Commodity Code (STCC))	23	ID	1/1

**L0 Segment: Line Item, Quantity and Weight****L0\*1\*\*\*150880\*N\*\*\*270\*BAL**

Element Seq	Element Name	Data Element	Data Type	Characters Min/Max
L001	Lading Line Item Number	213	N0	1/6
L004	Weight	81	R	1/10
L005	Weight Qualifier (E = Estimated Weight) (N = Net Weight)	187	ID	1/2
L008	Lading Quantity	80	N0	1/7
L009	Packaging Form Code (CLD = Carload) (K = Kilograms)	211	ID	3/3

**X1 Segment: Export License****X1\*\*AJR 773001\*C\*\*\*\*CA\*\*\*64\*31879.49\*\*MD\*500.00**

Element Seq	Element Name	Data Element	Data Type	Characters Min/Max
X102	Export License Number	50	AN	6/35
X103	Export Lic Status Code	51	ID	1/1
X107	Country Code	26	ID	2/3
X110	Lading Quantity	80	N0	1/7
X111	Lading Value	148	R	2/9
X113	Unit or Basis for Measurement (MD = Air Dry Metric Tonne)	355	ID	2/2
X114	Unit Price	212	R	1/17

**XH Segment: Proforma/B13 Information****XH\*USD\*Y\*USD\*512588**

Element Seq	Element Name	Data Element	Data Type	Characters Min/Max
XH01	Currency Code (USD = US Dollars) (CAD = Canadian Dollars)	100	ID	3/3
XH02	Related Company Indication (Y = Sold to a related company)	645	ID	1/1
XH03	Special Charge Code (FCD = Freight charges to destination)	150	ID	3/3
XH04	Amount (Required if freight charges are not included in the value of the shipment)	610	N2	1/15

**X7 Segment: Additional Customs Information**

**X7\*ORIGIN COUNTRY:CANADA\*ORIGIN PROVINCE:  
X7\*SASKATCHEWAN**

Element Seq	Element Name	Data Element	Data Type	Characters Min/Max
X701	Free Form Message	61	AN	1/30
X701	Free Form Message	61	AN	1/30

**SE Segment: Transaction Set Trailer**

**SE\*22\*00920001**

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

**GE Segment: Functional Group Trailer**

**GE\*1\*0092**

Element Seq	Element Name	Data Element	Data Type	Characters 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**

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