

# Implementation Guide Rail Carrier Shipment Information

**EDI 404** 

Carload Bill of Lading Lumber and Pulp

**Version 008030** 

# **Connection to CN**

CN has a secure MFT server https://mftedi.cn.ca/ or we can push to an FTP server if you require. CN also connects with all major VAN's (Value Added Networks) and interconnects can be made available.

# **CN Contact**

The EDI Onboarding team email address is EDIMGR@cn.ca. You can also visit us at <a href="https://www.cn.ca">www.cn.ca</a>.

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

The enclosed documentation covers information required to handle carload traffic for both general merchandise and dangerous goods from a Canadian origin to a Canadian destination.

On this version 8030, there is a new requirement in the R2 segment that when there are multiple R2 segments present, the R203 (junction) is required on each, except for the final R2 segment.

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

CN recommends EDI shippers to be within 2 versions of the current EDI Standard X12 Standard Version/Release 8030/RAIL

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

ISA\*00\* \*00\* \*ZZ\*GENERIC \*02\*CN \*231216\*1454\*U\*00803\*000054913\*0\*P\*^

GS\*SR\*GENERIC\*CN\*20231216\*1454\*0092\*X\*008030

ST\*404\*00920001

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

BNX\*S\*\*S

M3\*R\*20231216\*1454

N9\*BM\*495033230\*\*20231216\*1454

N9\*WM\*1234A

N7\*CN\*123456\*192000\*N

F9\*\*WATSON\*SK

D9\*\*VANCOUVER\*BC

N1\*SH\*LUMBER SHIPPER INC

N3\*123 FIRST ROAD

N4\*WATSON\*SK\*S0K 4V0\*CA

PER\*IC\*CONTACT NAME\*TE\*123-123-1234\*EM\*JOHNDOE@LUMSHIP.COM

N1\*CN\*GENERIC LUMBER CO

N3\*12 SMITH STREET

N4\*VANCOUVER\*BC\*V5K 1P7\*CA

N1\*PF\*GENERIC LUMBER CO

N3\*12 SMITH STREET

N4\*VANCOUVER\*BC\*V5K 1P7\*CA

R2\*CN\*S

LX\*1

L5\*1\*LUMBER\*2421184\*T

L0\*1\*\*\*192000\*A3\*\*\*64\*BDL

MEA\*AI\*VOL\*250.6041\*CR\*\*\*15

MEA\*\*VWT\*0.7167\*KC\*\*\*15

SE\*30\*00920001

GE\*1\*0092

IEA\*1\*000054913

# **ISA Segment: Interchange Control Header**

ISA*00*	*00* *ZZ*GENERIC	*02*CN	*231216*	1454*U*0	0803*000054913*0*F
Ref. Des.	Name	]	Data Element	Attribu	tes
ISA01	Authorization Information Qualifie	er I	[01	ID	2/2
ISA02	Authorization Information (Ten spaces)	]	102	AN	10/10
ISA03	Security Information Qualifier	]	103	ID	2/2
ISA04	Security Information (Ten spaces)		[04	AN	10/10
ISA05	Interchange ID Qualifier		105	ID	2/2
ISA06	Interchange Sender ID (GENERIC - fill out field with space		106	AN	15/15
ISA07	Interchange ID Qualifier (If RR SCAC use 02)	]	105	ID	2/2
ISA08	Interchange Receiver ID (CN- fill out field with spaces)	]	107	AN	15/15
ISA09	Interchange Date (YYMMDD)	]	108	DT	6/6
ISA10	Interchange Time (HHMM)	]	109	TM	4/4
ISA11	Repetition Separator (Suggest "^")	]	165		1/1
ISA12	Interchange Control Version Numb (Value 00)	oer 1	[11	ID	5/5
ISA13	Interchange Control Number (a control number assigned by send		[12	N0	9/9
ISA14	Acknowledgment Requested (0 = none requested) (1= requested)		[13	ID	1/1
ISA15	Usage Indicator (P = Production) (T = Test)	]	[14	ID	1/1
ISA16	Component Element Separator (Suggest ":")	]	[15		1/1

# **GS Segment:** Functional Group Header

### GS\*SR\*GENERIC\*CN\*20231216\*1454\*0092\*X\*008030

Ref. Des.	Name	Data Element	Attribut	es
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 maintaine	28 d by the sender)	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 008030 of the X12 ED	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

Ref. Des.	Name	Data Element	Attribu	tes
ST01	Transaction Set Identifier Code (404 = Rail Carrier Shipment Information (	143 Bill of Lading))	ID	3/3
ST02	Transaction Set Control Number (Sequential control number generated by C	329 ustomer)	AN	4/9

# **BX Segment: General Shipment Information**

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

Ref. Des.	Name	Data Element	Attributes		
DV01	Transaction Cat Dames Cala	252	ID	2/2	
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)	146	ID	2/2	
BX05	Standard Carrier Alpha Code (CN = CN Rail)	140	ID	2/4	
BX06	Weight Unit Code (L = Pounds)	188	ID	1/1	
BX07	Shipment Qualifier (B = Bill of Lading for Individual Shipment)	147 nent)	ID	1/1	

# **BNX Segment: Rail Shipment Information**

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

Ref. Des.	Name	Data Element	Attribut	es
BNX01	Shipment Weight Code (S = Shipper Certified Scale Weights)	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 at a future date.

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### M3\*R\*20231216\*1454

Ref. Des.	Name	Data Element	Attribu	tes
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: Extended Reference Information**

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\*\*20231216\*1454 N9\*WM\*1234A

Ref. Des.	Name	Data Element	Attributes	
N901	Reference Number Qualifier (BM = Bill of Lading number)	128	ID	2/3
N902	(WM = Weight Agreement Number) 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 HHMMSSDI H=hours 00-23 M=minutes 00-59 S=second DD=decimal seconds in tenths and hundred	ds 00-59	TM	4/8

### **N7 Segment:** Equipment Details

### N7\*CN\*123456\*192000\*N

Ref. Des.	Name	Data Element	Attributes	
N701 N702	Equipment Initial Equipment Number	206 207	AN AN	1/4 1/15
N703	Weight	81	R	1/10
N704	Weight Qualifier	187	ID	1/2
	(N = Net Weight)			

### F9 Segment: Origin Station

Indicates the origin of the shipment, the point from where 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

Ref. Des.	Name	Data Element	Attributes	
	Origin Station	19	AN	2/30
	State or Province Code	156	ID	2/2

### **D9 Segment: Destination Station**

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

Ref. Des.	Name	Data Element	Attributes		
D902	Destination Station	19	AN	2/30	
D903	State or Province Code	156	ID	2/2	

### **N1 Segment: Party Identification**

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

N1\*SH\*LUMBER SHIPPER INC
N3\*123 FIRST ROAD
N4\*WATSON\*SK\*S0K 4V0\*CA
N1\*CN\*GENERIC LUMBER CO
N3\*12 SMITH STREET
N4\*VANCOUVER\*BC\*V5K 1P7\*CA
N1\*PF\*GENERIC LUMBER CO
N3\*12 SMITH STREET
N4\*VANCOUVER\*BC\*V5K 1P7\*CA

Ref. Des.	Name	Data Element	Attribu	tes
N101	Entity Identifier Code (CN = Consignee) (SH = Shipper)	98	ID	2/3
N102	(PF = Payor of Freight) Name	93	AN	1/35

### **N3 Segment: Party Location**

Ref. Des.	Name	Data Element	Attributes	
N301	Address Information	166	AN	1/30

### **N4 Segment: Geographic Location**

Ref. Des.	Name	Data Element	Attributes		
N401	City Name	19	AN	2/30	
N402	State or Province Code	156	ID	2/2	
N403	Postal Code	116	ID	3/15	
N404	Country Code	26	ID	2/3	
** For North American countries use the ICO 2166 Alpha 2 character of					

<sup>\*\*</sup>For North American countries, use the ISO-3166 Alpha-2 character code.

# **PER Segment: Administrative Communications Contact**

### PER\*IC\*CONTACT NAME\*TE\*123-123-1234\*EM\*JOHNDOE@LUMSHIP.COM

Ref. Des.	Name	Data Element	Attributes	
PER01	Contact function code	366	ID	2/2
PER02	(IC = Information contact) Name	93	AN	1/35
PER03	Communication number qualifier (TE=telephone)	365	ID	2/2
PER04	Communication number	364	AN	1/80
PER05	Communication number qualifier	365	ID	2/2
	(EM=email address)			
PER06	Communication number	364	AN	1/80

Note: Information Contact (IC) information is required for the Shipper (N101=SH) to provide contact for the person submitting the EDI404, and must include both a telephone number (TE) and an email address (EM)

The value entered in the PER02/03 should be the preferred method of contact.

### **R2 Segment: Route Information**

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

## R2\*CN\*S

Ref. Des.	Name	Data Element	Attributes	
R201	Standard Carrier Alpha Code (SCAC) (CN = Canadian National etc.)	140	ID	2/4
R202	Routing Sequence Code (S = Origin Carrier, Shipper's Routing (R	133 ail))	ID	1/2
R203	Junction Name (Contains R260 junction)	19	AN	2/30

<sup>\*\*</sup>When multiple iterations of the R2 segment are present, the R203 is required on each, except for the final.

### **LX Segment: Transaction Set Line Number**

### LX\*1

Ref. Des.	Name	Data Element	Attribut	tes
LX01	Assigned Number (Number assigned for differentiation within	554 a transaction set)	N0	1/6

### **L5 Segment: Description, Marks, and Numbers**

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

Ref. Des.	Name	Data Element	Attributes	
L501 L502 L503	Line Number Commodity Description Commodity Code	213 79 22	N0 AN AN	1/6 1/50 1/30
L504	Commodity Code Qualifier (T = Standard Transportation Commodity C	23 Code (STCC))	ID	1/1

### **L0 Segment:** Line Item - Quantity and Weight

### L0\*1\*\*\*192000\*A3\*\*\*64\*BDL

Ref. Des.	Name	Data Element	Attributes		
L001	Lading Line Item Number	213	N0	1/6	
L004	Weight	81	R	1/10	
L005	Weight Qualifier	187	ID	1/2	
L008	(A3 = Shipper's Weight) Lading Quantity Packaging Form Code (BDL = bundles)	80	N0	1/7	
L009		211	ID	3/3	

### **MEA Segment: Measurements**

To specify physical measurements or counts, including dimensions, tolerances, variances, and weights.

### MEA\*AI\*VOL\*250.6041\*CR\*\*\*15 MEA\*\*VWT\*0.7167\*KC\*\*\*15

Ref. Des.	Name	Data Element	Attributes	
MEA01	Measurement Reference ID Code	737	ID	2/2
	(AI = Net Compliance Total)			
MEA02	Measurement Qualifier	738	ID	1/3
	(VOL = volume)			
	(VWT = volume weight)			
MEA03	Measurement Value	739	R	1/28
MEA04	Unit or Basis for measurement code	355	ID	2/2
	(CR = cubic meters)			
	(KC = kilograms per cubic meter)			
MEA07	Measurement significance code	935	ID	2/2
	(15 = Standard temperature and pressure)			

# **SE Segment:** Transaction Set Trailer

### SE\*30\*00920001

Ref. Des.	Name	Data Element	Attributes	
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

Ref. Des.	Name	Data Element	Attributes		
GE01 GE02	Number of Transaction Sets Included Group Control Number (Repeated from GS segment GS06)	97 28	N0 N0	1/6 1/9	

# **IEA Segment: Interchange Control Trailer**

## IEA\*1\*000054913

Ref. Des.	Name	Data El	ement	Attrib	outes	
	Number of included Functional Interchange Control Number (Same number as ISA13)	Groups I12	I16	NO	NO 9/9	1/5

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

CN is currently using the X12 Standard Version/Release 8030/RAIL

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

EDI 404 with mandatory transborder data highlighted in bold red.

```
ISA*00*
         *00*
                *ZZ*GENERIC
                             *02*CN
                                       *231216*1454*U*00803*000054913*0*P*^
GS*SR*GENERIC*CN*20231216*1454*0092*X*008030
ST*404*00920001
BX*00*R*PP**CN*L*B****10**2
BNX*S**S
M3*R*20231216*1454
N9*BM*495033230**20231216*1454
N9*WM*1234A
N9*HS*470500
N7*CN*123456*183960*N*******RR
M7*112233
F9**WATSON*SK
D9**SCHOOLCRAFT*MI
N1*SH*LUMBER & PULP INC
N3*123 FIRST ROAD
N4*WATSON*SK*S0K 1S0*CA
PER*IC*CONTACT NAME*TE*123-123-1234*EM*JOHNDOE@LUMPULP.COM
N1*CN*GENERIC LUMBER CO
N3*12 SMITH STREET
N4*SCHOOLCRAFT*MI*12345*US
N1*PF*GENERIC LUMBER CO
N3*12 SMITH STREET
N4*SCHOOLCRAFT*MI*12345*US
N1*XU*LIVINGSTON INTERNATIONAL
N3*123 MAIN STREET
N4*RANIER*MN*12345*US
R2*CN*S*KALAM
R2*GDLK*1
LX*1
L5*1* HARDWOOD BLEACHED KRAFT*2611135*T
L0*1***183960*N***315*BAL
MEA*AI*VOL*250.6041*CR***15
MEA**VWT*0.7167*KC***15
X1******CA
XH*USD
SE*38*00920001
GE*1*0092
```

IEA\*1\*000054913

# **BX Segment: General Shipment Information**

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

Ref. Des.	Name	Data Element	Attribu	tes
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 Shipmen	147 t)	ID	1/1
BX11	Customs Documentation handling code (10 = Proforma entered, 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\*S\*\*S

Ref. Des.	Name	Data Element	Attributes	
BNX01	Shipment Weight Code (S = Shipper Certified Scale Weights)	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\*20231216\*1454

Ref. Des.	Name	Data Element	Attribut	tes
M301	Release Code	132	ID	1/1
M302	(R = Release with Shipment Information) Release Date	373	DT	8/8
M303	(CCYYMMDD) Release Time	337	TM	4/6
	(HHMM, 24-hour clock 0001-2359)			

# **N9 Segment: Extended Reference Information**

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\*\*20231216\*1454 N9\*WM\*1234A N9\*HS\*470500

Ref. Des.	Name	Data Element	Attributes				
N901	Reference Number Qualifier	128	ID	2/3			
	(BM = Bill of Lading number) (WM = Weight Agreement Number						
	(HS = harmonized system code)						
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	4/8			
	(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 hundred	lths 00-99)					

### **N7 Segment:** Equipment Details

### N7\*CN\*123456\*183960\*N\*\*\*\*\*\*\*RR

Ref. Des.	Name	Data Element	Attributes		
N701	Equipment Initial	206	AN	1/4	
N702	Equipment Number	207	AN	1/15	
N703	Weight	81	R	1/10	
N704	Weight Qualifier (N = Net Weight)	187	ID	1/2	
N711	Equipment Description Code (RR = Railcar)	40	ID	2/2	

### M7 Segment: Seal Numbers

### M7\*112233

Ref. Des.	Name	Data Element	Attributes	
M701	Seal Number	225	AN	2/15

### **F9 Segment: Origin Station**

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

Ref. Des.	Name	Data Element		Attributes		
F902	Origin Station	19	AN	2/30		
F903	State or Province Code	156	ID	2/2		

### **D9 Segment: Destination Station**

Indicates the destination of the shipment, the point at which it will b 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\*\*SCHOOLCRAFT\*MI

Ref. Des.	Name	Data Element	Attributes		
	Destination Station	19	AN	2/30	
	State or Province Code	156	ID	2/2	

### **N1 Segment: Party Identification**

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

N1\*SH\*LUMBER & PULP INC
N3\*123 FIRST ROAD
N4\*WATSON\*SK\*SOK 1S0\*CA
N1\*CN\*GENERIC LUMBER CO
N3\*12 SMITH STREET
N4\*SCHOOLCRAFT\*MI\*12345US
N1\*PF\*GENERIC LUMBER CO
N3\*12 SMITH STREET
N4\*SCHOOLCRAFT\*MI\*12345\*US
N1\*XU\*LIVINGSTON INTERNATIONAL
N3\*123 MAIN STREET
N4\*RANIER\*MN\*12345\*US

Ref. Des.	Name	Data Element	Attrib	utes	
N101	Entity Identifier Code (SH = Shipper) (CN = Consignee) (PF = Payer of Freight) (XU = US Broker)	98	ID	2/2	
N102	Name	93	AN	1/35	

### **N3 Segment: Party Location**

Ref. Des.	Name	Data Element	Attributes		
N301	Address Information	166	AN	1/30	

### **N4 Segment: Geographic Location**

Ref. Des.	Name	Data Element	Attributes		
N401	City Name	19	AN	2/30	
N402	State or Province Code	156	ID	2/2	
N403	Postal Code	116	ID	3/15	
N404	Country Code	26	ID	2/3	
	**For North American countries, use the ISO-3166 Alpha-2 character code.				

### **PER Segment: Administrative Communications Contact**

### PER\*IC\*CONTACT NAME\*TE\*123-123-1234\*EM\*JOHNDOE@LUMPULP.COM

Ref. Des.	Name	Data Element	Attributes		
PER01	Contact function code (IC = Information contact)	366	ID	2/2	
PER02	,	93	AN	1/35	
PER03	Communication number qualifier (TE=telephone)	365	ID	2/2	
PER04	Communication number	364	AN	1/80	
PER05	Communication number qualifier (EM=email address)	365	ID	2/2	
PER06	,	364	AN	1/80	

Note: Information Contact (IC) information is required for the Shipper (N101=SH) to provide contact for the person submitting the EDI404, and must include both a telephone number (TE) and an email address (EM)

The value entered in the PER02/03 should be the preferred method of contact.

### **R2 Segment: Route Information**

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

### R2\*CN\*S\*KALAM R2\*GDLK\*1

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 (F	Rail))				
	$(1 = 1^{st} \text{ carrier after origin carrier})$					
R203	Junction Name	19	AN	2/30		
	(Contains R260 junction)					

<sup>\*\*</sup>When multiple iterations of the R2 segment are present, the R203 is required on each, except for the final.

### **LX Segment: Transaction Set Line Number**

### LX\*1

Ref. Des.	Name	Data Element	Attributes		
LX01	Assigned Number	554	N0	1/6	
	(Number assigned for differentiation within a transaction set)				

### L5 Segment: Description, Marks, and Numbers

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\*HARDWOOD BLEACHED KRAFT\*2611135\*T

Ref. Des.	Name	Data Element	Attributes	
L501	Line Number	213	N0	1/6
L502	Commodity Description	79	AN	1/50
L503	Commodity Code	22	AN	1/30
	(7-digit Standard Transportation Commodity Code (STCC))			
L504	Commodity Code Qualifier	23	ID	1/1
	(T = Standard Transportation Commodity Code (STCC))			

### **L0 Segment:** Line Item - Quantity and Weight

### L0\*1\*\*\*183960\*N\*\*\*315\*BAL

Ref. Des.	Name	Data Element	Attributes		
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 (BAL = bales)	211	ID	3/3	

### **MEA Segment: Measurements**

To specify physical measurements or counts, including dimensions, tolerances, variances, and weights.

### MEA\*AI\*VOL\*250.6041\*CR\*\*\*15 MEA\*\*VWT\*0.7167\*KC\*\*\*15

Ref. Des.	Name	Data Element	Attribut	es
MEA01	Measurement Reference ID Code (AI = Net Compliance Total)	737	ID	2/2
MEA02	Measurement Qualifier (VOL = volume) (VWT = volume weight)	738	ID	1/3
MEA03	Measurement Value	739	R	1/28
MEA04	Unit or Basis for measurement code (CR = cubic meters)	355	ID	2/2
MEA07	(KC = kilograms per cubic meter) Measurement significance code (15 = Standard temperature and pressure)	935	ID	2/2

## X1 Segment: Export License

### Mandatory for transborder shipments

### X1\*\*\*\*\*\*CA

Ref. Des.	Name	Data Element	Attributes		
X107	Country Code	26	ID	2/3	

# XH Segment: Proforma - B13 Information

# XH\*USD

Ref. Des.	Name	Data Element	Attributes		
XH01	Currency Code (USD = US Dollars)	100	ID	3/3	