



Implementation Guide Motor Carrier Load Tender

EDI 204

Version 4010

Overview

Purpose of Motor Carrier Load Tender EDI 204 Message

This EDI 204 Motor Carrier Load Tender message is to provide the motor carrier with detailed information pertinent to a full truck motor carrier shipment. This document is the initial shipment tender between the shipper and the motor carrier and is used as an advanced pick-up notification (load tender).

EDI Version & Guidelines

This EDI 204, version 004010, closely complies with the official published Motor Carrier Industry Guide to Electronic Data Interchange Implementation and Conventions. A Response to a Load Tender (EDI 990) is generated for every EDI 204 Load Tender received by CN within a half hour of receipt. All orders are automatically accepted via our current EDI 990 response.

Customized Formats

The Sender of the EDI 204 who requires coding or mapping structure other than expressly written in the Guidelines and in the CN Implementation documents must have the necessary changes performed at their system or through a Value Added Network (Kleinschmidt).

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 www.cn.ca.

Summary of Segments required by CN for

EDI 204 Transaction Set

TABLE 1 SECTION

- B2 Beginning Segment for Shipment Information Transaction
- B2A Set Purpose
- L11 Business Instructions and Reference Number (consolidation shipment number)
- G62 Date/Time (respond by date)
- AT5 Bill of Lading Handling Requirements (temperature control)
- NTE Note/Special Instruction
- N1 Name (OB, BT and/or SH)
- N2 Additional Name Information (optional)
- N3 Address Information
- N4 Geographic Location
- G61 Contact (Optional)
- N7 Requested Equipment Details

TABLE 2 SECTION

- S5 Stop Off Details
- G62 Date/Time (pickup date)
- N1 Name (SF, Ship From name)
- N2 Additional Name Information (optional)
- N3 Address Information
- N4 Geographic Location
- G61 Contact
- OID Order Identification Detail
- L5 Description, Marks, and Numbers
- AT8 Shipment Weight, Packaging, and Quantity Data
- S5 Stop Off Details
- G62 Date/Time (Appointment Date and Time)
- N1 Name (SF Ship From and ST, Ship To name)
- N2 Additional Name Information (optional)
- N3 Address Information (Ship From or Ship To address)
- N4 Geographic Location (Ship From or Ship To geography)
- G61 Contact
- OID Order Identification Detail
- L5 Description, Marks, and Numbers
- AT8 Shipment Weight, Packaging, and Quantity Data

TABLE 3 SECTION

- L3 Weight, Piece Count, Rate and Charges

Motor Carrier Load Tender Mapping Guide (EDI 204)

This section contains the details of how the EDI 204 message will be formatted.

Example EDI 204 message

ISA*00* *00*KNSX *01*GENERIC *02*CNBH *250116*0911*U*00401*000014741*1*P*>
GS*SM*GENERIC*CNBH*20250116*0911*2695*X*004010
ST*204*0001
B2**CNBH**ShipmentID*L*PP
B2A*00*LT
L11*ReferenceID*CR
G62*64*20250106*1*1016*LT
AT5***FA*65
NTE*GEN*Notation
MS3*CNBH*B**J
N1*OB*Customer Name
N1*SH*Customer Name
N1*BT*Customer Name
N3*Customer Address
N4*CITY*ST*Postal
N7**0*****TA****5300
S5*1*CL
G62*10*20250107
AT8*G*L*27912.83*1365
N1*SF*Customer Name
N3*Customer Address
N4*CITY*ST*Postal
OID*ReferenceID*POnumber**ReferenceID*PLT*17*L*27912*L*200
S5*2*CU
L11*666666*PO
G62*68*20250112
AT8*G*L*27912.83*1365
N1*ST*Customer Name
N3*Customer Address
N4*CITY*ST*Postal
G61*DC*Contact*TE*555-555-5555
OID*ReferenceID*POnumber**ReferenceID*PLT*17*L*27912*L*200
L3*27912.83*G*****200*L*1365*L
SE*32*0001
GE*1*2695
IEA*1*000014741

ISA Segment: Interchange Control Header

ISA*00* *00*KNSX *01*GENERIC *02*CNBH *250116*0911*U*00401*000014741*1*P*>

Ref. Des.	Name	Data Element	Attributes	
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 (KNSX = Kleinschmidt)	I04	AN	10/10
ISA05	Interchange ID Qualifier	I05	ID	2/2
ISA06	Interchange Sender ID (CN - fill out field with spaces)	I06	ID	15/15
ISA07	Interchange ID Qualifier (If RR SCAC use 02)	I05	ID	2/2
ISA08	Interchange Receiver ID (GENERIC - fill out field with spaces)	I07	ID	15/15
ISA09	Interchange Date (YYMMDD)	I08	DT	6/6
ISA10	Interchange Time (HHMM)	I09	TM	4/4
ISA11	Repetition Separator (Suggest “^”)	I10	ID	1/1
ISA12	Interchange Control Version Number (Value 00401)	I11	ID	5/5
ISA13	Interchange Control Number (a control number assigned by CN)	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	AN	1/1

GS Segment: Functional Group Header**GS*SM*GENERIC*CNBH*2025016*0911*2695*X*004010**

Ref. Des.	Name	Data Element	Attributes	
GS01	Functional Identifier Code (SM= Motor Carrier Load Tender (204)	479	ID	2/2
GS02	Application Sender's Code (GENERIC)	142	AN	2/15
GS03	Application Receiver's Code (CNBH = CN)	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 CN)	28	N0	1/9
GS07	Responsible Agency Code (X = Accredited Standards Committee X12)	455	ID	1/2
GS08	Version / Release / Industry Identity	480	ID	1/12

ST Segment: Transaction Set Header

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

ST*204*001

Ref. Des.	Name	Data Element	Attributes	
ST01	Transaction Set Identifier Code (204 = Motor Carrier Load Tender (204))	143	ID	3/3
ST02	Transaction Set Control Number	329	AN	4/9

B2 Segment: Beginning Segment for Shipment Information Transaction**B2**CNBH**Shipment ID*L*PP**

Ref. Des.	Name	Data Element	Attributes	
B202	Standard Carrier Alpha Code (CNBH = CN)	127	AN	1/30
B204	Shipment Identification Number	145	AN	1/30
B205	Weight Unit Code (L= pounds)	188	ID	1/1
B206	Shipment Method of Payment (PP = prepaid)	146	ID	2/2

B2A Segment: Set Purpose**B2A*00*LT**

Ref. Des.	Name	Data Element	Attributes	
B2A01	Transaction Set Purpose Code (00 = original) (01 = cancellation) (04 = update)	353	ID	2/2
B2A02	Application type (LT = Load Tender - Truckload (TL) Carrier Only) Used by a shipper to inform carrier that a particular load is available or becoming available for movement; also signifies an advance pickup notification.	346	ID	2/2

L11 Segment: Business Instructions and Reference Number**L11*REFERENCE*CR**

Ref. Des.	Name	Data Element	Attributes	
L1101	Reference Identification	127	AN	1/30
L1102	Reference Identification Qualifier (CR = Customer Reference)	128	ID	2/3

G62 Segment: Date/Time**G62*64*20250106*1*1016*LT**

Ref. Des.	Name	Data Element	Attributes	
G6201	Date Qualifier (64 = Must Respond By)	432	ID	2/2
G6202	Date (Expressed as CCYYMMDD)	373	DT	8/8
G6203	Time Qualifier (1 = Must Respond By)	176	ID	1/2
G6204	Time (Expressed as HHMM)	337	TM	4/8
G6205	Time Code (LT = Local Time)	623	ID	2/2

AT5 Segment: Bill of Lading Handling Requirements**AT5***FA*65**

Ref. Des.	Name	Data Element	Attributes	
AT501	Special Handling Code (GEN = General)	152	ID	2/3
AT502	Special Services Code	560	ID	2/10
AT503	Special Handling Description	153	AN	2/30
AT504	Unit or Basis for Measurement Code (FA = Fahrenheit) (CE = Celsius)	355	ID	2/2
AT505	Temperature	408	R	1/4

NTE Segment: Note/Special Instruction**NTE*GEN*Notation**

Ref. Des.	Name	Data Element	Attributes	
NTE01	Note Reference Code (GEN = General)	363	ID	3/3
NTE02	Description	352	AN	1/80

MS3 Segment: Interline Information**MS3*CNBH*B**J**

Ref. Des.	Name	Data Element	Attributes	
MS301	Standard Carrier Alpha Code (CNBH = CN)	140	ID	2/4
MS302	Routing Sequence Code (B = Origin/Delivery Carrier (Any Mode))	133	ID	1/2
MS304	Transportation Method/Type Code (J = motor)	91	ID	1/2

N1 Segment: Name**N1*OB*Customer Name****N1*SH*Customer Name****N1*BT*Customer Name**

Ref. Des.	Name	Data Element	Attributes	
N101	Entity Identifier Code (OB = Ordered By) (SH = Shipper) (BT = Bill-to Party)	98	ID	2/3
N102	Name	93	AN	1/60

N3 Segment: Address Information**N3*Customer Address**

Ref. Des.	Name	Data Element	Attributes	
N301	Address Information	166	AN	1/55

N4 Segment: Geographic Location

N4*CITY*PR/ST*POSTAL CODE

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

N7 Segment: Equipment Details

N70*****CN****5300**

Ref. Des.	Name	Data Element	Attributes	
N701	Equipment Initials	206	AN	1/4
N702	Equipment Number	207	AN	1/15
N711	Equipment Description Code (CN = dry container)	40	ID	2/2
N715	Equipment Length (5300 = 53 foot)	567	N0	4/5

S5 Segment: Stop Off Details

S5*1*CL

Ref. Des.	Name	Data Element	Attributes	
S501	Stop Sequence Number	165	N0	1/3
S502	Stop Reason Code (CL = complete)	163	ID	2/2

G62 Segment: Date/Time**G62*10*20250107**

Ref. Des.	Name	Data Element	Attributes	
G6201	Date Qualifier (10 = Requested Ship Date/Pickup Date) (38 = Ship no later than)	432	ID	2/2
G6202	Date (Expressed as CCYYMMDD)	373	DT	8/8
G6203	Time Qualifier	176	ID	1/2
G6204	Time (Expressed as HHMM)	337	TM	4/8
G6205	Time Code	623	ID	2/2

AT8 Segment: Shipment Weight, Packaging and Quantity Data**AT8*G*L*27912.83*1365**

Ref. Des.	Name	Data Element	Attributes	
AT801	Weight Qualifier (G = gross weight)	187	ID	1/2
AT802	Weight Unit Code (L = pounds)	188	ID	1/1
AT803	Weight	81	R	1/10
AT804	Lading Quantity (Piece count)	80	N0	1/7
AT805	Lading Quantity (Piece count)	80	N0	1/7

N1 Segment: Name**N1*Sf*Customer Name**

Ref. Des.	Name	Data Element	Attributes	
N101	Entity Identifier Code (SF = Ship From)	98	ID	2/3
N102	Name	93	AN	1/60

N3 Segment: Address Information**N3*Customer Address**

Ref. Des.	Name	Data Element	Attributes	
N301	Address Information	166	AN	1/55

N4 Segment: Geographic Location**N4*CITY*ST*Postal**

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

OID Segment: Order Identification Detail**OID*ReferenceID*POnumber**ReferenceID*PLT*17*L*27912*L*200**

Ref. Des.	Name	Data Element	Attributes	
OID01	Reference Identification (DC = Delivery Contact)	127	AN	1/50
OID02	Purchase Order Number	324	AN	1/22
OID03	Reference Identification	127	AN	1/50
OID04	Packing Form Code	211	ID	3/3
OID05	Quantity	380	R	1/15
OID06	Weight Unit Code	188	ID	1/1
OID07	Weight	81	R	1/10
OID08	Volume Unit Qualifier	184	ID	1/1

S5 Segment: Stop Off Details**S5*2*CU**

Ref. Des.	Name	Data Element	Attributes	
S501	Stop Sequence Number	165	N0	1/3
S502	Stop Reason Code (CU = complete unload)	163	ID	2/2

L11 Segment: Business Instructions and Reference Number**L11*666666*PO**

Ref. Des.	Name	Data Element	Attributes	
L1101	Reference Identification	127	AN	1/50
L1102	Reference Identification Qualifier (PO = purchase order number)	128	ID	2/3

G62 Segment: Date/Time**G62*68*20250112**

Ref. Des.	Name	Data Element	Attributes	
G6201	Date Qualifier (68 = Requested Delivery Date) (54 = Deliver no later than)	432	ID	2/2
G6202	Date (Expressed as CCYYMMDD)	373	DT	8/8
G6203	Time Qualifier	176	ID	1/2
G6204	Time (Expressed as HHMM)	337	TM	4/8
G6205	Time Code	623	ID	2/2

AT8 Segment: Shipment Weight, Packaging and Quantity Data**AT8*G*L*27912.83*1365**

Ref. Des.	Name	Data Element	Attributes	
AT801	Weight Qualifier (G = gross weight)	187	ID	1/2
AT802	Weight Unit Code (L = pounds)	188	ID	1/1
AT803	Weight	81	R	1/10
AT804	Lading Quantity	80	N0	1/7

N1 Segment: Name**N1*ST*Customer Name**

Ref. Des.	Name	Data Element	Attributes	
N101	Entity Identifier Code (ST = Ship To)	98	ID	2/3
N102	Name	93	AN	1/60

N3 Segment: Address Information**N3*Customer Address**

Ref. Des.	Name	Data Element	Attributes	
N301	Address Information	166	AN	1/55

N4 Segment: Geographic Location**N4*CITY*PR/ST*POSTAL CODE**

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

G61 Segment: Contact**G61*DC*Contact*TE*555-555-5555**

Ref. Des.	Name	Data Element	Attributes	
G6101	Contact Function Code (DC = Delivery Contact)	366	ID	2/2
G6102	Name	93	AN	1/60
G6103	Communication Number Qualifier (TE = telephone)	365	ID2/2	
G6104	Communication Number	364	AN	1/256

OID Segment: Order Identification Detail**OID*ReferenceID*POnumber**ReferenceID*PLT*17*L*27912*L*200**

Ref. Des.	Name	Data Element	Attributes	
OID01	Reference Identification (DC = Delivery Contact)	127	AN	1/50
OID02	Purchase Order Number	324	AN	1/22
OID03	Reference Identification	127	AN	1/50
OID04	Packing Form Code	211	ID	3/3
OID05	Quantity	380	R	1/15
OID06	Weight Unit Code	188	ID	1/1
OID07	Weight	81	R	1/10
OID08	Volume Unit Qualifier	184	ID	1/1

L3 Segment: Total Weight and Charges**L3*27912-83*G*****200*L*1365*L**

Ref. Des.	Name	Data Element	Attributes	
L301	Weight	81	R	1/10
L302	Weight Qualifier (L=legal weight)	187	ID	1/2
L309	Volume	183	R	1/8
L310	Volume Unit Qualifier (L = load) (E = cubic feet)	184	Id	1/1
L311	Lading Quantity	80	N0	1/7
L312	Weight Unit Code (L = pounds)	188	ID	1/1

SE Segment: Transaction Set Trailer**SE*33*001**

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*2695**

Ref. Des.	Name	Data Element	Attributes	
GE01	Number of Transaction Sets Included	97	N0	1/10
GE02	Group Control Number	28	N0	1/9

IEA Segment: Interchange Control Trailer**IEA*1*000014741**

Ref. Des.	Name	Data Element	Attributes	
IEA01	Number of included Functional Groups	I16	N0	1/5
IEA02	Interchange Control Number (Same number as ISA13)	I12	N0	9/9