



EDI 204

Mandatory Fields

MANDATORY EDI204 FIELDS

Summary

Segment ID	Name/Description
ST	Transaction Set Header
B2	Beginning Segment for Shipment Information Transaction
B2A	Set Purpose
G62	Date/Time / Ready & Closing Time
AT5	Bill of Lading Handling Requirements
N1	Bill-to, Shipper & Consignee Company Name
N3	Bill-to, Shipper & Consignee Company Civic Address
N4	Bill-to, Shipper & Consignee Company Geographic Location
S5	Stop-off Details
G61	Shipper & Consignee Name & Phone number
L3	Total Weight and Charges
SE	Transaction Set Trailer

204 MOTOR CARRIER LOAD TENDER

Preferred segment terminator is ~

Introduction

This document contains the format and establishes the data contents of the Motor Carrier Load Tender Transaction Set (204) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to allow shippers or other interested parties to offer (tender) a shipment to a motor carrier including detailed scheduling, equipment requirements, commodities, and shipping instructions pertinent to a load tender.

***Mandatory fields (highlighted in grey below) are required within your 204 Load Tender.**

Heading							
	POS. NO.	SEG. ID	Name	REQ. DES.	Max. Use	Loop Repeat	Notes & Comments
M	10	ST	Transaction Set Header	M	1		ST*204*1772~
M	20	B2	Beginning Segment for Shipment Information Transaction	M	1		B2**DAYR**135648068**PP*L~
M	30	B2A	Set Purpose	M	1		B2A*00*LT~
	80	L11	Business Instructions and Reference Number	O	50		
M	90	G62	Date/Time	M	1		READY AND CLOSING TIME
M	110	AT5	Bill of Lading Handling Requirements	O	6		AT5***PSC~
	125	LH6	Hazardous Certification	O	6		
	130	NTE	Note/Special Instruction	O	10	5	
			LOOP ID - 0100				
M	140	N1	Name	M	1		BILL TO NAME
M	160	N3	Address Information	M	2		BILL TO CIVIC ADDRESS
M	170	N4	Geographic Location	M	1		BILL TO ADDRESS
	190	G61	Contact	O	3		
			LOOP ID - 0200			10	
	200	N7	Equipment Details	O	1		
Detail							
	POS. NO.	SEG. ID	Name	REQ. DES.	Max. Use	Loop Repeat	Notes & Comments
			LOOP ID - 0300			999	
M	010	S5	Stop-off Details	M	1		S5*2*UL*334.240*L*1*PC~
	020	L11	Business Instructions and Reference Number	O	50		
	030	G62	Date/Time	O	2		
	063	PLD	Pallet Information	O	1		
	065	NTE	Note/Special Instruction	O	20		
			LOOP ID - 0310			1	
M	070	N1	Name	M	1		SHIPPER & CONSIGNEE NAME
	080	N2	Additional Name Information	O	1		
M	090	N3	Address Information	M	2		SHIPPER & CONSIGNEE CIVC ADDRESS
M	100	N4	Geographic Location	M	1		SHIPPER & CONSIGNEE ADDRESS
M	120	G1	Contact	M	3		SHIPPER & CONSIGNEE CONTACT INFORMATION

Example

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ST*204*1772~
B2**DAYR**135648068**PP*L~
B2A*00*LT~
G62*64*20200505*1*0939*CS~
AT5*LTT~
N1*BT*BILL TO COMPANY NAME*93*BSA~
N3*123 MAIN~
N4*NASHVILLE*TN*37214*USA~

N7**UNKNOWN*****TF***05300***0*LT***M5GP~

S5*1*LD*334.240*L*1*PC~
L11*50*ACD*0820975488~
G62*37*20200506*1*143000*LT~
G62*38*20200506*K*143000*LT~
AT8*G*L*334.240*1~
N1*SF*SHIPPER NAME*93*D306~
N3*300 MAIN STREET~
N4*SAINT BRUNO*QC*J3V6B7*CAN~
G61*A5*SHIPPER CONTACT NAME*TE*450-123-4567~
G61*A5*SHIPPER CONTACT NAME~
OID*0820975488*269837**PCS*1*L*334.240~
LAD*PCS*1***L*334.240*CG*6939761*****PIECE~
L5*1*UAP2 250 FUELTECH*TREAD*Z*PCS*6939761-25690601*SM~
AT8*U*L*83.560**4~
S5*2*UL*334.240*L*1*PC~
L11*50*ACD*0820975488~
G62*53*20200507*G*070000*LT~
G62*54*20200507*L*070000*LT~

AT8*G*L*334.240*1~

N1*ST*CONSIGNEE NAME*93*302906~
N3*300 MAIN ST~
N4*GATINEAU*QC*J8R3N9*CAN~
G61*A5*CONSIGNEE CONTACT NAME*TE*819-124-6699~
G61*A5*CONSIGNEE CONTACT NAME~
OID*0820975488*269837**PCS*1*L*334.240~
LAD*PCS*1***L*334.240*CG*6939761*****PIECE~
L5*1*UAP2 250 FUELTECH*TREAD*Z*PCS*6939761-25690601*SM~
AT8*U*L*83.560**4~

L3*334.24*G***31248*****1*L~

SE*43*1772~
    
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		LOOP ID - 0350			999
150	OID	Order Identification Detail	O	1	
180	LAD	Lading Detail	O	999	
		LOOP ID - 0360			99
190	L5	Description, Marks and Numbers	O	1	
195	AT8	Shipment Weight, Packaging and Quantity Data	O	1	
		LOOP ID - 0365			
200	G61	Contact	O	1	
201	L11	Business Instructions and Reference Number	O	5	
		LOOP ID - 0230			2
1100	N1	Name	M	3	
1200	N2	Additional Name Information	O	1	
1300	N3	Address Information	M	3	
1400	N4	Geographic Location	M	3	
1500	G61	Contact	M	3	G61*IC*Emergency Hazardous Contact*TE*1-800-424-9300~
1600	L11	Business Instructions and Reference Number	O	50	
1700	LH6	Hazardous Certification	O	6	
		LOOP ID - 0231			999
1800	LH1	Hazardous Identification Information	M	1	LH1*LB*54*UN1263~
1900	LH2	Hazardous Classification Information	O	4	
2000	LH3	Hazardous Material Shipping Name	O	10	
2100	LH4	Canadian Dangerous Requirements	M	1	
2200	LFH	Freeform Hazardous Material Information	O	20	
2300	L11	Business Instructions and Reference Number	O	5	

DANGEROUS GOODS EXAMPLE
ST*204*151472380~
B2**DAYR**01902182**TP~
B2A*00*LT~
L11*01902182*BM~
L11*151472380*TG~
G62*37*20200506*I*080000*LT~
G62*38*20200506*K*143000*LT~
AT5*LTT~
NTE*ZZZ*1370.6~
N1*BT*TESTING COMPANY*93*TEST~
N3*123 MAIN ST~
N4*SAULT STE MARIE*ON*P6B 4J3~
S5*1*CL~
N1*SF*DAY AND ROSS POOL*93*SU_DAY_AND_ROSS_POOL~
N3*245 123 ROAD~
N3*170 VAN KIRK DRIVE~
N4*BRAMPTON*ON*L7A 1K9*CA~
G61*A5*SHIPPER CONTACT NAME*TE*450-123-4567~
S5*2*CU~
N1*ST*WINNIPEG WHSE*93*ORG-1154-333497~
N3*169 LOWSON CRESCENT ~
N4*WINNIPEG*MB*R3P 1A6*CA|
OID*INC-2469316*22200**PC*10*L*544.54*E*7~
G61*IC*Emergency Hazardous Contact*TE*1-800-424-9300~
LH1*LB*54*UN1263~
LH2*FLAMMABLE LIQUIDS*P~
L3*545*G***11872*****10*L~
27 SE*27*151472380~

Summary						
POS. NO.	SEG. ID	Name	REQ. DES.	Max. Use	Loop Repeat	Notes & Comments
M	010	L3	Total Weight and Charges	M	1	L3*334.24*G***31248*****1*L~
M	020	SE	Transaction Set Trailer	M	1	SE*43*1772~

Segment ST Transaction Set Header

Position:	010					
Loop Level:			Heading			
Usage:			Mandatory			
Max Use:			1			
Purpose:			To indicate the start of a transaction set and to assign a control number			
Syntax Notes:						
Semantic Notes:			1) The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).			
Comments:						
			Data Element Summary			
	Ref. Data Attributes	Data Element	Name	REQ. DES.	Max. Use	Loop Repeat
M	ST01	143	Transaction Set Identifier Code	M	ID 3/3	ST*204*1772~
			Code uniquely identifying a Transaction Set 204 Motor Carrier Load Tender			
M	ST02	329	Transaction Set Control Number	M	AN 4/9	ST*204*1772~
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set			

Segment B2 Beginning Segment for Shipment Information Transaction

Position:	020						
Loop:							
Level:			Heading				
Usage:			Mandatory				
Max Use:			1				
Purpose:			To transmit basic data relating to shipment information				
Syntax Notes:							
Semantic Notes:			1) B202 contains the Standard Carrier Alpha Code (SCAC) of the carrier that will receive the bill of lading (e.g., 810 selects the Invoice Transaction Set). 2) If B211 is used, B206 will indicate the party or parties responsible for payment of the transportation terms identified in B211.				
Comments:			1) B202 is mandatory for transaction set 204.				
			Data Element Summary				
	Ref. Data Attributes	Data Element	Name	REQ. DES.	Max. Use	Loop Repeat	
M	B202	140	Standard Carrier Alpha Code	M	ID 2/4		B2**DAYR**135648068**PP*L~
			Standard Carrier Alpha Code				
M	B204	145	Shipment Identification Number	M	AN 1/30		B2**DAYR**135648068**PP*L~
			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)				
	B205	188	Weight Unit Code	O	ID 1/1		
			Code specifying the weight unit K Kilograms L Pounds				
M	B206	146	Shipment Method of Payment	M	ID 2/2		B2**DAYR**135648068**PP*L~
			Code identifying payment terms for transportation charges CC Collect (Shipment charges billed to Consignee) PP Prepaid (Shipment charges billed to Shipper) TP Third Party Pay (Shipment charges billed to another party not the Shipper or Consignee)				
Segment B2A Set Purpose							
Position:	030						
Loop:							
Level:			Heading				
Usage:			Mandatory				
Max Use:			1				
Purpose:			To allow for positive identification of transaction set purpose				
Syntax Notes:							
Semantic Notes:							
Comments:							
			Data Element Summary				
	Ref. Data Attributes	Data Element	Name	REQ. DES.	Max. Use	Loop Repeat	
M	B2A01	353	Transaction Set Purpose Code	M	ID 2/2		B2A*00*LT~
			Code identifying purpose of transaction set An EDI 997 is required for all EDI 204's. This also applies to EDI 204's that contain a code of "Original - No Responses Necessary" 00 Original 01 Cancellation 04 Change A change status indicates an update (change) from the original tender. 49 Original - No Response Necessary				

			Auto Accept - will be used when an EDI 990 is not required in response to the tender. An EDI 997 is still required. Primarily to be used for Less-Than-Truckload carriers.			
	B2A02	346	Application Type Code identifying an application	O	ID 2/2	
Segment L11 Business Instructions and Reference Number						
Position:	080					
Loop:						
Level:			Heading			
Usage:			Optional			
Max Use:			50			
Purpose:			To specify instructions in this business relationship or a reference number			
Syntax Notes:			1) At least one of L1101 or L1103 is required. 2) If either L1101 or L1102 is present, then the other is required.			
Semantic Notes:						
Comments:						
			Data Element Summary			
	Ref. Data Attributes	Data Element	Name	REQ. DES.	Max. Use	Loop Repeat
	L1101	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN 1/30	
	L1102	128	Reference Identification Qualifier Code qualifying the Reference Identification	X	ID 2/3	
	L1103	352	Description A free-form description to clarify the related data elements and their content	X	AN 1/80	
Segment G62 Date/Time						
Position:	090					
Loop:						
Level:			Heading			
Usage:			Mandatory			
Max Use:			1			
Purpose:			To specify pertinent dates and times			
Syntax Notes:			1) At least one of G6201 or G6203 is required. 2) If either G6201 or G6202 is present, then the other is required. 3) If either G6203 or G6204 is present, then the other is required.			
Semantic Notes:						
Comments:						
Notes:			1) This segment is used to transmit the date and time the EDI 990 must be received by in order to confirm or reject the load. If the EDI 990 is not received before this date and time then the load may or may not be re-assigned to another carrier.			
			Data Element Summary			
	Ref. Data Attributes	Data Element	Name	REQ. DES.	Max. Use	Loop Repeat
M	G6201	432	Date Qualifier Code specifying type of date	M	ID 2/2	G62*37*20200506*I*143000*LT~
M			37 Ship Not Before Date Shipment ready date	M		G62*37*20200506*I*143000*LT~
M			38 Ship Not Later Than Date Shipper closing date / or pickup no later then date	M		G62*38*20200506*K*143000*LT~
M	G6202	373	Date Date expressed as CCYYMMDD	M	DT 8/8	G62*54*20200507*L*070000*LT~
SHIPPER & CONSIGNEE READY AND CLOSING						

M	G6203	176	Time Qualifier Code specifying the reported time	M	ID 1/2		
M			I Earliest Requested Pick Up Time Shipment ready time	M			G62*37*20200506*I*143000*LT~
M			K Latest Requested Pick Up Time Shipper closing time / or pickup no later then time	M			G62*38*20200506*K*143000*LT~
			X Scheduled Delivery Time No appointment is required Z Requested Delivery Time Appointment is required, carrier will call for appointment				
M	G6204	337	Time 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 D = hundredths (00-99)	M	TM 4/8		G62*37*20200506*I*143000*LT~
M	G6205	623	Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow Note- LT refers to the local time of the stop. AT Alaska Time CT Central Time ET Eastern Time LT Local Time MT Mountain Time PT Pacific Time	M	ID 2/2		G62*37*20200506*I*143000*LT~
Segment AT5 Bill of Lading Handling Requirements							
Position:	110						
Loop:			Heading				
Level:			Mandatory				
Usage:			6				
Max Use:			To identify Bill of Lading handling and service requirements				
Purpose:			1) Only one of AT501 or AT503 may be present. 2) Only one of AT502 or AT503 may be present.				
Syntax Notes:							
Semantic Notes:							
Comments:							
Notes:							
	Ref. Data Attributes	Data Element	Name	REQ. DES.	Max. Use	Loop Repeat	
M	AT501	152	Special Handling Code Code specifying special transportation handling instructions LTT Less Than Truckload (LTL or EG Service) RES Residential Delivery (Residential or Homeway Service) TLS Truckload DA Dangerous MRF Refrigerated OTC Temperature Control PSC Protective Service - Cold	M	ID 2/3		AT5*LTT~
	AT502	560	Special Services Code ID Inside Delivery	X	ID 2/10		AT5*LTT*ID~
	AT503	153	Special Handling Description Free-form additional description of special handling instructions to appear on printed bill if special handling code is not adequate	X	AN 2/30		AT5*TLS**FLATBED~

Segment		LH6 Hazardous Certification				
Position:	125					
Loop:						
Level:			Heading			
Usage:			Optional			
Max Use:			6			
Purpose:			To specify the name of the person certifying that the shipment complies with the regulations and/or the actual certification			
Syntax Notes:			1) If either LH602 or LH603 is present, then the other is required.			
Semantic Notes:						
Comments:						
Notes:						
			Data Element Summary			
Ref. Data Attributes	Data Element	Name	REQ. DES.	Max. Use	Loop Repeat	
LH601	93	Name Free-form name To contain an emergency contact name and phone number.	O	AN 1/60		
LH602	272	Hazardous Certification Code Code indicating the form of the hazardous certification 1 unless otherwise indicated.	X	ID 1/1		
LH603	273	Hazardous Certification Declaration Hazardous material certification verbiage as required by Title 49 of Code of Federal Regulations From Title 49 of the federal code.	X	AN 1/25		
LH604	273	Hazardous Certification Declaration Hazardous material certification verbiage as required by Title 49 of Code of Federal Regulations From Title 49 of the federal code.	O	AN 1/25		
Segment		NTE Note/Special Instruction				
Position:	130					
Loop:						
Level:			Heading			
Usage:			Optional			
Max Use:			10			
Purpose:			To transmit information in a free-form format, if necessary, for comment or special instruction			
Syntax Notes:						
Semantic Notes:						
Comments:			1) The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.			
Notes:						
			Data Element Summary			
Ref. Data Attributes	Data Element	Name	REQ. DES.	Max. Use	Loop Repeat	
NTE02	352	Description A free-form description to clarify the related data elements and their content	O	AN 1/80		NTE**Job-Site Delivery~
Segment		N1 Name				
Position:	140					
Loop:			0100 Mandatory			
		BILL TO INFORMATION IS IN THE HEADING				

Level:			Heading				
Usage:			Mandatory				
Max Use:			1				
Purpose:			To identify a party by type of organization, name, and code				
Syntax Notes:			1) At least one of N102 or N103 is required. 2) If either N103 or N104 is present, then the other is required.				
Semantic Notes:							
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.				
Notes:							
			Data Element Summary				
	Ref. Data Attributes	Data Element	Name	REQ. DES.	Max. Use	Loop Repeat	
M	N101	98	Entity Identifier Code	M	ID 2/3		N1*BT*BILLTO COMPANY NAME*93*AAA~
			Code identifying an organizational entity, a physical location, property or an individual BT Bill-to-Party SF Ship From ST Ship to				
M	N102	93	Name	M	AN 1/60		N1*BT*BILLTO COMPANY NAME*93*AAA~
			Free-form name				
M	N103	66	Identification Code Qualifier	M	ID 1/2		N1*BT*BILLTO COMPANY NAME*93*AAA~
			Code designating the system/method of code structure used for Identification Code (67) 93 Code assigned by the organization originating the transaction set				
M	N104	67	Identification Code	M	AN 2/80		N1*BT*BILLTO COMPANY NAME*93*AAA~
			Code identifying a party or other code				
Segment			N3 Address Information				BILL TO CIVIC ADDRESS
Position:	160						
Loop:			0100 Mandatory				
Level:			Heading				
Usage:			Mandatory				
Max Use:			2				
Purpose:			To specify the location of the named party				
Syntax Notes:							
Semantic Notes:							
Comments:							
Notes:							
			Data Element Summary				
	Ref. Data Attributes	Data Element	Name	REQ. DES.	Max. Use	Loop Repeat	
M	N301	166	Address Information	M	AN 1/55		N3*123 MAIN~
			Address information				
	N302	166	Address Information	O	AN 1/55		
			Address information May contain address notes (i.e. suite number, dock number).				
Segment			N4 Geographic Location				BILL TO ADDRESS
Position:	170						
Loop:			0100 Mandatory				
Level:			Heading				

Usage:			Mandatory				
Max Use:			1				
Purpose:			To specify the geographic place of the named party				
Syntax Notes:			1) If N406 is present, then N405 is required.				
Semantic Notes:							
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.				
Notes:							
			Data Element Summary				
	Ref. Data Attributes	Data Element	Name	REQ. DES.	Max. Use	Loop Repeat	
M	N401	19	City Name Free-form text for city name	M	AN 2/30		N4*NASHVILLE*TN*37214*USA~
M	N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	M	ID 2/2		N4*NASHVILLE*TN*37214*USA~
M	N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	M	ID 3/15		N4*NASHVILLE*TN*37214*USA~
M	N404	26	Country Code Code identifying the country	M	ID 2/3		N4*NASHVILLE*TN*37214*USA~
Segment			G61 Contact				BILL TO CONTACT
Position:	190						
Loop:			0100 Mandatory				
Level:			Heading				
Usage:			Optional				
Max Use:			1				
Purpose:			To identify a person or office to whom communications should be directed				
Syntax Notes:			1) If either G6103 or G6104 is present, then the other is required.				
Semantic Notes:							
Comments:			1) G6103 qualifies G6104.				
Notes:							
			Data Element Summary				
	Ref. Data Attributes	Data Element	Name	REQ. DES.	Max. Use	Loop Repeat	
	G6101	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named	O	ID 2/2		
	G6102	93	Name Free-form name	O	AN 1/60		
	G6103	365	Communication Number Qualifier Code identifying the type of communication number TE Telephone	O	ID 2/2		
	G6104	364	Communication Number Complete telephone communications number including area code	O	AN 1/80		
Segment			N7 Equipment Details				
Position:	200						
Loop:			0200 Optional				
Level:			Heading				
Usage:			Optional				
Max Use:			1				
Purpose:			To identify a person or office to whom communications should be directed				
Syntax Notes:			1) If either N703 or N704 is present, then the other is required. 2) If either N705 or N716 is present, then the other is required.				

			3) If either N708 or N709 is present, then the other is required.				
Semantic Notes:							
Comments:			1) G6103 qualifies G6104.				
Notes:							
			Data Element Summary				
	Ref. Data Attributes	Data Element	Name	REQ. DES.	Max. Use	Loop Repeat	
	N711	40	Equipment Description Code TL Trailer (not otherwise specified) TW Trailer, Refrigerated A refrigerated trailer capable of keeping product cold. Different from a temperature controlled trailer which is able to keep product at a constant temperature	O	ID 2/2		
	N713	319	Temperature Control Free-form abbreviation of temperature range or flash-point temperature	O	AN 3/6		
Segment	S5 Stop-off Details						LOAD & UNLOAD, PIECES AND WEIGHT
Position:	010		0300 Mandatory				
Loop:			Detail				
Level:			Mandatory				
Usage:			1				
Max Use:			To specify stop-off detail reference numbers and stop reason				
Purpose:			1) If either S503 or S504 is present, then the other is required.				
Syntax Notes:			2) If either S505 or S506 is present, then the other is required.				
			3) If either S507 or S508 is present, then the other is required.				
Semantic Notes:			1) S509 is the stop reason description.				
Comments:							
Notes:			Data Element Summary				
	Ref. Data Attributes	Data Element	Name	REQ. DES.	Max. Use	Loop Repeat	
M	S501	165	Stop Sequence Number Identifying number for the specific stop and the sequence in which the stop is to be performed Stops start with 0 and increment by 1.	M	N0 1/3		S5*1*LD*334.240*L*1*PC~
M	S502	163	Stop Reason Code Code specifying the reason for the stop CU Complete Unload LD Load PL Part Load PU Part Unload UL Unload	M	ID 2/2		S5*1*LD*334.240*L*1*PC~
M	S503	81	Weight Numeric value of weight Scaled Weight Associated With The Pick Up Or Drop.	M	R 1/10		S5*2*UL*334.240*L*1*PC~ S5*1*LD*334.240*L*1*PC~
M	S504	188	Weight Unit Code Code specifying the weight unit L Pounds	M	ID 1/1		S5*1*LD*334.240*L*1*PC~
M	S505	382	Number of Units Shipped Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set	M	R 1/10		S5*1*LD*334.240*L*1*PC~
M	S506	355	Unit or Basis for Measurement Code	M	ID 2/2		S5*1*LD*334.240*L*1*PC~

		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken MX Mixed PC Piece PL Pallet/Unit Load			
S507	183	Volume Value of volumetric measure	X	R 1/8	
S508	184	Volume Unit Qualifier Code identifying the volume unit E Cubic Feet	X	ID 1/1	

Segment L11 Business Instructions and Reference Number

Position:	020	
Loop:		0300 Mandatory
Level:		Detail
Usage:		Optional
Max Use:		50
Purpose:		To specify instructions in this business relationship or a reference number
Syntax Notes:		1) At least one of L1101 or L1103 is required. 2) If either L1101 or L1102 is present, then the other is required.
Semantic Notes:		
Comments:		
Notes:		

Data Element Summary

Ref. Data Attributes	Data Element	Name	REQ. DES.	Max. Use	Loop Repeat
L1101	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN 1/30	
L1102	128	Reference Identification Qualifier Code qualifying the Reference Identification	X	ID 2/3	
L1103	352	Description A free-form description to clarify the related data elements and their content	X	AN 1/80	

Segment: G62 Date/Time

Position:	30	
Loop:		0300 Mandatory
Level:		Detail
Usage:		Optional
Max Use:		2
Purpose:		To specify pertinent dates and times
Syntax Notes:		1) At least one of G6201 or G6203 is required. 2) If either G6201 or G6202 is present, then the other is required. 3) If either G6203 or G6204 is present, then the other is required.
Semantic Notes:		
Comments:		
Notes:		

Data Element Summary

Ref. Data Attributes	Data Element	Name	REQ. DES.	Max. Use	Loop Repeat
G6201	432	Date Qualifier	O	ID 2/2	
		Code specifying type of date			
		37 Ship Not Before Date Shipment ready time	O		
		38 Ship Not Later Than Date	O		

	G6202	373	Shipper closing time / or pickup no later then time 53 Deliver Not Before Date Consignee ready time 54 Deliver No Later Than Date Consignee closing time / or deliver no later then time Date Date expressed as CCYYMMDD	O	DT 8/8	
	G6203	176	Time Qualifier Code specifying the reported time 2 Pickup Appointment Scheduled Time Appointment is required and carrier has already confirmed the appointment 3 Delivery Appointment Scheduled Time Appointment is required and carrier has already confirmed the appointment U Scheduled Pick Up Time No appointment is required X Scheduled Delivery Time No appointment is required Y Requested Pick Up Time Appointment is required, carrier will call for appointment Z Requested Delivery Time Appointment is required, carrier will call for appointment	O	ID 1/2	
M	G6204	337	Time 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 D = hundredths (00-99)	O	TM 4/8	
M	G6205	623	Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow Note- LT refers to the local time of the stop. AT Alaska Time CT Central Time ET Eastern Time LT Local Time MT Mountain Time PT Pacific Time	O	ID 2/2	

Segment		PLD Pallett Information						
Position:	063							
Loop:								
Level:			Heading					
Usage:			Optional					
Max Use:			10					
Purpose:			Number of pallets Shipped					
Syntax Notes:			1) If either PLD03 or PLD04 is present, then the other is required					
Semantic Notes:								
Comments:								
Notes:								
			Data Element Summary					
	Ref. Data Attributes	Data Element	Name	REQ. DES.	Max. Use	Loop Repeat		
	PLD01	406	Quantity of Palletts Shipped Number of units (pallets) of the lading commodity	O	N0 1/3			

Segment		NTE Note/Special Instruction							
Position:	065								
Loop:				0300 Mandatory					
Level:				Detail					
Usage:				Optional					
Max Use:				20					
Purpose:				To transmit information in a free-form format, if necessary, for comment or special instruction					
Syntax Notes:									
Semantic Notes:									
Comments:				1) The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.					
Notes:									
				Data Element Summary					
	Ref. Data Attributes	Data Element	Name	REQ. DES.	Max. Use	Loop Repeat			
	NTE02	352	Description A free-form description to clarify the related data elements and their content	O	AN 1/80				NTE**Job-Site Delivery~

Segment		N1 Name						SHIPPER & CONSIGNEE INFORMATION	
Position:	070								
Loop:				0310 Mandatory					
Level:				Detail					
Usage:				Mandatory					
Max Use:				1					
Purpose:				To identify a party by type of organization, name, and code					
Syntax Notes:				1) At least one of N102 or N103 is required. 2) If either N103 or N104 is present, then the other is required.					
Semantic Notes:									
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.					
Notes:									
				Data Element Summary					
	Ref. Data Attributes	Data Element	Name	REQ. DES.	Max. Use	Loop Repeat			
M	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual	M	ID 2/3				N1*SF*SHIPPER NAME*93*D306~
M			SF Ship From If S5 02 Is LD Then SF - Ship From	M					N1*SF*SHIPPER NAME*93*D306~
M			ST Ship To If S5 02 Is PU Then ST - Ship To	M					N1*ST*CONSIGNEE NAME*93*302906~
M	N102	93	Name Free-form name	M	AN 1/60				N1*SF*SHIPPER NAME*93*D306~ N1*ST*CONSIGNEE NAME*93*302906~
	N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 93 Code assigned by the organization originating the transaction set	X	ID 1/2				
	N104	67	Identification Code Code identifying a party or other code	X	AN 2/80				

Segment		N2 Additional Name Information							
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Position:	080						
Loop:			0310 Mandatory				
Level:			Detail				
Usage:			Optional				
Max Use:			1				
Purpose:			To specify additional names or those longer than 35 characters in length				
Syntax Notes:							
Semantic Notes:							
Comments:							
			Data Element Summary				
	Ref. Data Attributes	Data Element	Name	REQ. DES.	Max. Use	Loop Repeat	
	N201	93	Name Free-form name	O	AN 1/60		
	N202	93	Name Free-form name	O	AN 1/60		
Segment N3 Address Information							SHIPPER & CONSIGNEE CIVIC ADDRESS
Position:	090						
Loop:			0310 Mandatory				
Level:			Detail				
Usage:			Mandatory				
Max Use:			2				
Purpose:			To specify the location of the named party				
Syntax Notes:							
Semantic Notes:							
Comments:							
			Data Element Summary				
	Ref. Data Attributes	Data Element	Name	REQ. DES.	Max. Use	Loop Repeat	
M	N301	166	Address Information Address information	M	AN 1/55		N3*300 MAIN STREET~
	N302	166	Address Information Address information May contain address notes (i.e. suite number, dock number).	O	AN 1/55		
Segment N4 Geographic Location							SHIPPER & CONSIGNEE ADDRESS
Position:	100						
Loop:			0310 Mandatory				
Level:			Detail				
Usage:			Mandatory				
Max Use:			1				
Purpose:			To specify the geographic place of the named party				
Syntax Notes:			1) If N406 is present, then N405 is required.				
Semantic Notes:							
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.				
Notes:							
			Data Element Summary				
	Ref. Data Attributes	Data Element	Name	REQ. DES.	Max. Use	Loop Repeat	
M	N401	19	City Name	M	AN 2/30		N4*GATINEAU*QC*J8R3N9*CAN~

			Free-form text for city name						
M	N402	156	State or Province Code	M	ID 2/2				N4*GATINEAU*QC*J8R3N9*CAN~
			Code (Standard State/Province) as defined by appropriate government agency						
M	N403	116	Postal Code	M	ID 3/15				N4*GATINEAU*QC*J8R3N9*CAN~
			Code defining international postal zone code excluding punctuation and blanks (zip code for United States)						
M	N404	26	Country Code	M	ID 2/3				N4*GATINEAU*QC*J8R3N9*CAN~
			Code identifying the country						
Segment G61 Contact					SHIPPER CONTACT INFORMATION				
Position:	120								
Loop:			0310 Mandatory						
Level:			Detail						
Usage:			Mandatory						
Max Use:			3						
Purpose:			To identify a person or office to whom communications should be directed						
Syntax Notes:			1) If either G6103 or G6104 is present, then the other is required.						
Semantic Notes:									
Comments:			1) G6103 qualifies G6104.						
Notes:									
			Data Element Summary						
	Ref. Data Attributes	Data Element	Name	REQ. DES.	Max. Use	Loop Repeat			
	G6101	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named	O	ID 2/2				
	G6102	93	Name Free-form name	O	AN 1/60				
M	G6103	365	Communication Number Qualifier	M	ID 2/2				G61*A5*SHIPPER CONTACT NAME*TE*819-124-6699~
			Code identifying the type of communication number TE Telephone						
M	G6104	364	Communication Number	M	AN 1/80				G61*A5*SHIPPER CONTACT NAME*TE*819-124-6699~
			Complete communications number including area code						
Segment OID Order Identification Detail									
Position:	150								
Loop:			0350 Mandatory						
Level:			Detail						
Usage:			Optional						
Max Use:			1						
Purpose:			To specify order identification detail						
Syntax Notes:			1) At least one of OID01 or OID02 is required. 2) If OID03 is present, then OID02 is required. 3) If either OID04 or OID05 is present, then the other is required. 4) If either OID06 or OID07 is present, then the other is required. 5) If either OID08 or OID09 is present, then the other is required.						
Semantic Notes:			1) OID01 is the seller's order identification number. 2) OID03 is the number assigned by the consignee to further define the purchase order number.						
Comments:									
Notes:									
			Data Element Summary						
	Ref. Data Attributes	Data Element	Name	REQ. DES.	Max. Use	Loop Repeat			
	OID01	127	Reference Identification	X	AN 1/30				

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier
Shipment ID used to match shipment load/unload by stops.

Segment LAD Lading Detail

Position:	180				
Loop:			0350 Optional		
Level:			Detail		
Usage:			Optional		
Max Use:			999		
Purpose:			To transmit detailed lading data pertinent to a pickup or delivery		
Syntax Notes:			<ol style="list-style-type: none"> 1) If either LAD01 or LAD02 is present, then the other is required. 2) If either LAD03 or LAD04 is present, then the other is required. 3) If either LAD05 or LAD06 is present, then the other is required. 4) If either LAD07 or LAD08 is present, then the other is required. 5) If either LAD09 or LAD10 is present, then the other is required. 6) If either LAD11 or LAD12 is present, then the other is required. 		
Semantic Notes:					
Comments:					
Notes:					
			Data Element Summary		
	Ref. Data Attributes	Data Element	Name	REQ. DES.	Max. Use
	LAD01	211	Packaging Form Code Code for packaging form of the lading quantity BOX Box CNT Container PCS Pieces	X	ID 3/3
	LAD02	80	Lading Quantity Number of units (pieces) of the lading commodity	X	NO 1/7
	LAD13	79	Lading Description Description of an item as required for rating and billing purposes	0	AN 1/50

Segment L5 Description, Marks and Numbers

Position:	190				
Loop:			0360 Optional		
Level:			Detail		
Usage:			Optional		
Max Use:			1		
Purpose:			To specify the line item in terms of description, quantity, packaging, and marks and numbers		
Syntax Notes:			<ol style="list-style-type: none"> 1) If either L503 or L504 is present, then the other is required. 2) If L507 is present, then L506 is required. 3) If either L508 or L509 is present, then the other is required. 		
Semantic Notes:					
Comments:			1) L502 may be used to send quantity information as part of the product description.		
Notes:					
			Data Element Summary		
	Ref. Data Attributes	Data Element	Name	REQ. DES.	Max. Use
	L502	79	Lading Description Description of an item as required for rating and billing purposes	O	AN 1/50
	L503	22	Commodity Code Code describing a commodity or group of commodities	X	AN 1/30

L504	23	Commodity Code Qualifier Code identifying the commodity coding system used for Commodity Code N National Motor Freight Classification (NMFC)	X	ID 1/1	
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Segment L5 Description, Marks and Numbers

Position:	195	
Loop:		0360 Optional
Level:		Detail
Usage:		Optional
Max Use:		1
Purpose:		To specify shipment details in terms of weight, and quantity of handling units
Syntax Notes:		1) If any of AT801 AT802 or AT803 is present, then all are required. 2) If either AT806 or AT807 is present, then the other is required.
Semantic Notes:		1) AT804 is the quantity of handling units that are not unitized (for example a carton). When added to the quantity in AT805, it is the total quantity of handling units in the shipment. 2) AT805 is the quantity of handling units that are unitized (for example on a pallet or slip sheet). When added to the quantity in AT804 it is the total quantity of handling units for the shipment.

Comments:
Notes:

Data Element Summary

Ref. Data Attributes	Data Element	Name	REQ. DES.	Max. Use	Loop Repeat
AT801	187	Weight Qualifier Code defining the type of weight G Gross Weight	X	ID 1/2	
AT802	188	Weight Unit Code Code specifying the weight unit L Pounds	X	ID 1/1	
AT803	81	Weight Numeric value of weight	X	R 1/10	
AT804	80	Lading Quantity Number of units (pieces) of the lading commodity	O	N0 1/7	
AT806	184	Volume Unit Qualifier Code identifying the volume unit E Cubic Feet	X	ID 1/1	
AT807	183	Volume Value of volumetric measure	X	R 1/8	

Segment G61 Contact

Position:	200	
Loop:		0365 Mandatory
Level:		Detail
Usage:		Mandatory
Max Use:		1
Purpose:		To identify a person or office to whom communications should be directed
Syntax Notes:		1) If either G6103 or G6104 is present, then the other is required.
Semantic Notes:		
Comments:		1) G6103 qualifies G6104.

Notes:

Data Element Summary

Ref. Data Attributes	Data Element	Name	REQ. DES.	Max. Use	Loop Repeat
G6101	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named	O	ID 2/2	

CONSIGNEE CONTACT INFORMATION

	G6102	93	Name Free-form name	O	AN 1/60		
M	G6103	365	Communication Number Qualifier Code identifying the type of communication number TE Telephone	M	ID 2/2		G61*A5*CONSIGNEE CONTACT NAME*TE*819-124-6699~
M	G6104	364	Communication Number Complete communications number including area code	M	AN 1/80		G61*A5*CONSIGNE CONTACT NAME*TE*819-124-6699~
Segment L11 Business Instructions and Reference Number							
Position:	201						
Loop:			0365 Optional				
Level:			Detail				
Usage:			Optional				
Max Use:			5				
Purpose:			To specify instructions in this business relationship or a reference number				
Syntax Notes:			1) At least one of L1101 or L1103 is required. 2) If either L1101 or L1102 is present, then the other is required.				
Semantic Notes:							
Comments:							
			Data Element Summary				
	Ref. Data Attributes	Data Element	Name	REQ. DES.	Max. Use	Loop Repeat	
	L1101	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN 1/30		
	L1102	128	Reference Identification Qualifier Code qualifying the Reference Identification	X	ID 2/3		
Segment L3 Total Weight and Charges							
Position:	010						
Loop:							
Level:			Summary				
Usage:			Mandatory				
Max Use:			1				
Purpose:			To specify the total shipment in terms of weight, volume, rates, charges, advances, and prepaid amounts applicable to one or more line items				
Syntax Notes:			1) If either L301 or L302 is present, then the other is required. 2) If either L303 or L304 is present, then the other is required. 3) If either L309 or L310 is present, then the other is required. 4) If L312 is present, then L301 is required. 5) If either L314 or L315 is present, then the other is required.				
Semantic Notes:							
Comments:							
			Data Element Summary				
	Ref. Data Attributes	Data Element	Name	REQ. DES.	Max. Use	Loop Repeat	
M	L301	81	Weight Numeric value of weight	M	R 1/10		L3*334.24*G***31248*****1*L~
M	L302	187	Weight Qualifier Code defining the type of weight G Gross Weight	M	ID 1/2		L3*334.24*G***31248*****1*L~
M	L311	80	Lading Quantity Number of units (pieces) of the lading commodity	M	N0 1/7		L3*334.24*G***31248*****1*L~
M	L312	188	Weight Unit Code Code specifying the weight unit	M	ID 1/1		L3*334.24*G***31248*****1*L~

Segment		SE Transaction Set Trailer					
Position:	020						
Loop:							
Level:			Summary				
Usage:			Mandatory				
Max Use:			1				
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)				
Syntax Notes:							
Semantic Notes:							
Comments:			1) SE is the last segment of each transaction set.				
			Data Element Summary				
	Ref. Data Attributes	Data Element	Name	REQ. DES.	Max. Use	Loop Repeat	
M	SE01	96	Number of Included Segments	M	NO 1/10		SE*43*1772~
			Total number of segments included in a transaction set including ST and SE segments				
M	SE02	329	Transaction Set Control Number	M	AN 4/49		SE*43*1772~
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				