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

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.

Preferred segment terminator is ~

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		
			LOOP ID - 0100			5	
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

	POS. NO.	SEG. ID	Name	REQ. DES.	Max. Use	Loop Repeat	Notes & Comments	DANGEROUS GOODS EXAMPLE
			LOOP ID - 0350			999		**DANGEROUS GOODS EXAMPLE**
	150	OID	Order Identification Detail	O	1			ST*204*151472380~
	180	LAD	Lading Detail	O	999			B2**DAYR**01902182**TP~
			LOOP ID - 0360			99		B2A*00*LT~
	190	L5	Description, Marks and Numbers	O	1			L11*01902182*BM~
	195	AT8	Shipment Weight, Packaging and Quantity Data	O	1			L11*151472380*TG~
			LOOP ID - 0365					G62*37*20200506*I*080000*LT~
	200	G61	Contact	O	1			G62*38*20200506*K*143000*LT~
	201	L11	Business Instructions and Reference Number	O	5			AT5*LTT~
			LOOP ID - 0230			2		NTE*ZZZ*1370.6~
	1100	N1	Name	M	3			N1*BT*TESTING COMPANY*93*TEST~
	1200	N2	Additional Name Information	O	1			N3*123 MAIN ST~
	1300	N3	Address Information	M	3			N4*SAULT STE MARIE*ON*P6B 4J3~
	1400	N4	Geographic Location	M	3			
	1500	G61	Contact	M	3		G61*IC*Emergency Hazardous Contact*TE*1-800-424-9300~	S5*1*CL~
	1600	L11	Business Instructions and Reference Number	O	50			N1*SF*DAY AND ROSS POOL*93*SU_DAY_AND_ROSS_POOL~
	1700	LH6	Hazardous Certification	O	6			N3*245 123 ROAD~
			LOOP ID - 0231			999		N3*170 VAN KIRK DRIVE~
	1800	LH1	Hazardous Identification Information	M	1		LH1*LB*54*UN1263~	N4*BRAMPTON*ON*L7A 1K9*CA~
	1900	LH2	Hazardous Classification Information	O	4			G61*A5*SHIPPER CONTACT NAME*TE*450-123-4567~
	2000	LH3	Hazardous Material Shipping Name	O	10			S5*2*CU~
	2100	LH4	Canadian Dangerous Requirements	M	1			N1*ST*WINNIPEG WHSE*93*ORG-1154-333497~
	2200	LFH	Freeform Hazardous Material Information	O	20			N3*169 LOWSON CRESCENT ~
	2300	L11	Business Instructions and Reference Number	O	5			N4*WINNIPEG*MB*R3P 1A6*CA|
								OID*INC-2469316*22200**PC*10*L*544.54*E*7~

Summary:

								G61*IC*Emergency Hazardous Contact*TE*1-800-424-9300~
								LH1*LB*54*UN1263~
	POS. NO.	SEG. ID	Name	REQ. DES.	Max. Use	Loop Repeat	Notes & Comments	LH2*FLAMMABLE LIQUIDS*P~
M	010	L3	Total Weight and Charges	M	1		L3*334.24*G***31248******1*L~	L3*545*G***11872******10*L~
M	020	SE	Transaction Set Trailer	M	1		SE*43*1772~	27 SE*27*151472380~

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** Code specifying the weight unit **K Kilograms** **L Pounds**	O	ID 1/1			
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)**					

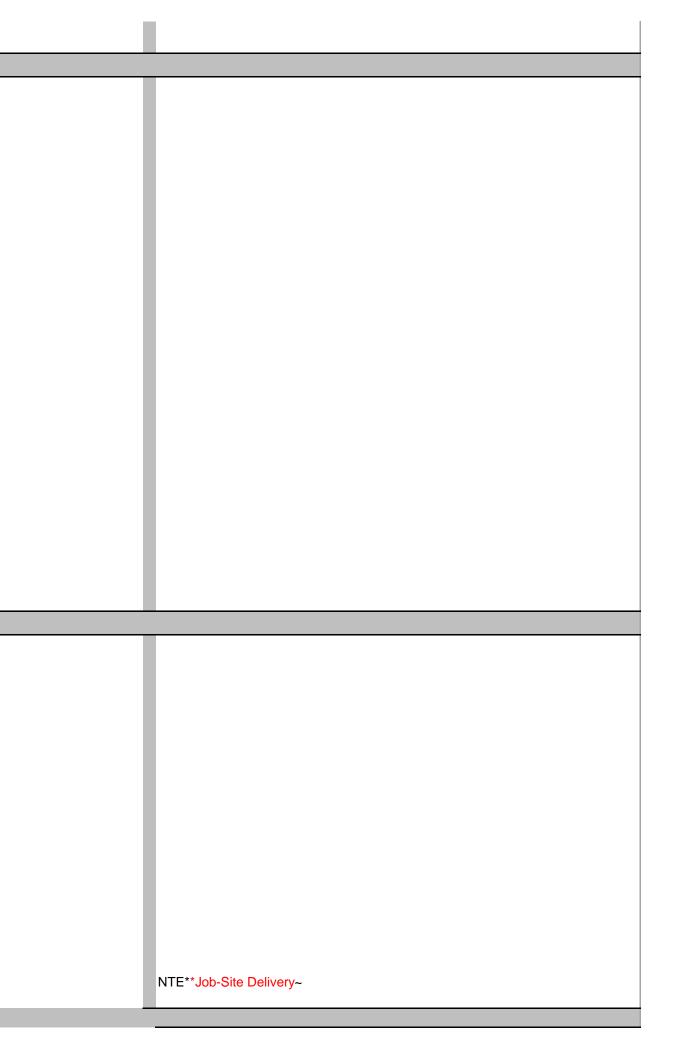| Segment:			**B2A Set Purpose**					
Position:	030							
Loop:								
Level:			Heading					
Usage:			Mandatory					
Max Use:			1					
Purpose:			To allow for positive identification of transaction set purpose					
Syntax Notes:								
Semantic Notes:								
Comments:								
			Data Element Summary					
	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**					SHIPPER & CONSIGNEE READY AND CLOSING
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~

M	G6203	176	**Time Qualifier**	M	ID 1/2			
			Code specifying the reported time					
M			**I Earliest Requested Pick Up Time**	M				G62*37*20200506*I*143000*LT~
			Shipment ready time					
M			**K Latest Requested Pick Up Time**	M				G62*38*20200506*K*143000*LT~
			Shipper closing time / or pickup no later then time					
			X Scheduled Delivery Time					
			No appointment is required					
			Z Requested Delivery Time					
			Appointment is required, carrier will call for appointment					
M	G6204	337	**Time**	M	TM 4/8			G62*37*20200506*I*143000*LT~
			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	G6205	623	**Time Code**	M	ID 2/2			G62*37*20200506*I*143000*LT~
			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					

Segment:			**AT5 Bill of Lading Handling Requirements**					
Position:	110							
Loop:								
Level:			Heading					
Usage:			Mandatory					
Max Use:			6					
Purpose:			To identify Bill of Lading handling and service requirements					
Syntax Notes:			**1)** Only one of AT501 or AT503 may be present.					
			2) Only one of AT502 or AT503 may be present.					
Semantic Notes: **Comments:** **Notes:**								
			Data Element Summary					
	Ref. Data Attributes	**Data Element**	**Name**	**REQ. DES.**	**Max. Use**	**Loop Repeat**		
M	AT501	152	**Special Handling Code**	M	ID 2/3			AT5*LTT~
			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					
	AT502	560	**Special Services Code**	X	ID 2/10			AT5*LTT*ID~
			ID Inside Delivery					
	AT503	153	**Special Handling Description**	X	AN 2/30			AT5*TLS**FLATBED~

			Free-form additional description of special handling instructions to appear on printed bill if special handling code is not adequate				

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				BILL TO INFORMATION IS IN THE HEADING	
Position:	140							
Loop:			0100 Mandatory					
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 providingorganizational 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 AAA~	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 AAA~	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**	M	AN 2/30			N4*NASHVILLE*TN*37214*USA~
			Free-form text for city name					
M	N402	156	**State or Province Code**	M	ID 2/2			N4*NASHVILLE*TN*37214*USA~
			Code (Standard State/Province) as defined by appropriate government agency					
M	N403	116	**Postal Code**	M	ID 3/15			N4*NASHVILLE*TN*37214*USA~
			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*NASHVILLE*TN*37214*USA~
			Code identifying the country					

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**	O	ID 2/2			
			Code identifying the major duty or responsibility of the person or group named					
	G6102	93	**Name**	O	AN 1/60			
			Free-form name					
	G6103	365	**Communication Number Qualifier**	O	ID 2/2			
			Code identifying the type of communication number **TE Telephone**					
	G6104	364	**Communication Number**	O	AN 1/80			
			Complete telephone communications number including area code					

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**	O	ID 2/2		
			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				
	N713	319	**Temperature Control**	O	AN 3/6		
			Free-form abbreviation of temperature range or flash-point temperature				

Segment:			**S5 Stop-off Details**				LOAD & UNLOAD, PIECES AND WEIGHT
Position:	010						
Loop:			0300 Mandatory				
Level:			Detail				
Usage:			Mandatory				
Max Use:			1				
Purpose:			To specify stop-off detail reference numbers and stop reason				
Syntax Notes:			**1)** If either S503 or S504 is present, then the other is required.				
			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**	M	N0 1/3		S5*1*LD*334.240*L*1*PC~
			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	S502	163	**Stop Reason Code**	M	ID 2/2		S5*1*LD*334.240*L*1*PC~
			Code specifying the reason for the stop				
			CU Complete Unload				
			LD Load				
			PL Part Load				
			PU Part Unload				
			UL Unload				S5*2*UL*334.240*L*1*PC~
M	S503	81	**Weight**	M	R 1/10		S5*1*LD*334.240*L*1*PC~
			Numeric value of weight				
			Scaled Weight Associated With The Pick Up Or Drop.				
M	S504	188	**Weight Unit Code**	M	ID 1/1		S5*1*LD*334.240*L*1*PC~
			Code specifying the weight unit				

			L Pounds					
M	S505	382	**Number of Units Shipped**	M	R 1/10			S5*1*LD*334.240*L*1*PC~
			Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set					
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**	X	R 1/8			
			Value of volumetric measure					
	S508	184	**Volume Unit Qualifier**	X	ID 1/1			
			Code identifying the volume unit E Cubic Feet					

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	O		
			Shipment ready time			
			38 Ship Not Later Than Date	O		
			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			
	G6202	373	**Date**	O	DT 8/8	
			Date expressed as CCYYMMDD			
	G6203	176	**Time Qualifier**	O	ID 1/2	
			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			
M	G6204	337	**Time**	O	TM 4/8	
			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	G6205	623	**Time Code**	O	ID 2/2	
			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			

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	**Quanity of Palletts Shipped**	O	N0 1/3		
			Number of units (pallets) of the lading commodity				

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:							

Ref. Data Attributes	Data Element	Name	REQ. DES.	Max. Use	Loop Repeat		
			Data Element Summary				
	NTE02	352	**Description**	O	AN 1/80		NTE**Job-Site Delivery~
			A free-form description to clarify the related data elements and their content				

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:							

Ref. Data Attributes	Data Element	Name	REQ. DES.	Max. Use	Loop Repeat		
			Data Element Summary				
M	N101	98	**Entity Identifier Code**	M	ID 2/3		N1*SF*SHIPPER NAME*93*D306~
			Code identifying an organizational entity, a physical location, property or an individual				
M			**SF Ship From**	M			N1*SF*SHIPPER NAME*93*D306~
			If S5 02 Is LD Then SF - Ship From				
M			**ST Ship To**	M			N1*ST*CONSIGNEE NAME*93*302906~
			If S5 02 Is PU Then ST - Ship To				
M	N102	93	**Name**	M	AN 1/60		N1*SF*SHIPPER NAME*93*D306~
			Free-form name				N1*ST*CONSIGNEE NAME*93*302906~
	N103	66	**Identification Code Qualifier**	X	ID 1/2		
			Code designating the system/method of code structure used for Identification Code (67)				

			93 Code assigned by the organization originating the transaction set				
	N104	67	**Identification Code**	X	AN 2/80		
			Code identifying a party or other code				

Segment:			**N2 Additional Name Information**				
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**	O	AN 1/60		
			Free-form name				
	N202	93	**Name**	O	AN 1/60		
			Free-form name				

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**	M	AN 1/55		N3*300 MAIN STREET~
			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**				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**	O	ID 2/2		
			Code identifying the major duty or responsibility of the person or group named				
	G6102	93	**Name**	O	AN 1/60		
			Free-form name				
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:		

Ref. Data Attributes	Data Element	Name	REQ. DES.	Max. Use	Loop Repeat
		Data Element Summary			
OID01	127	**Reference Identification** 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.	X	AN 1/30	

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:		**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	Loop Repeat
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	N0 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:		**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	Loop Repeat
L502	79	**Lading Description**	O	AN 1/50	

			Description of an item as required for rating and billing purposes			
	L503	22	**Commodity Code**	X	AN 1/30	
			Code describing a commodity or group of commodities			
	L504	23	**Commodity Code Qualifier**	X	ID 1/1	
			Code identifying the commodity coding system used for Commodity Code			
			N National Motor Freight Classification (NMFC)			

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**	X	ID 1/2	
		Code defining the type of weight			
		G Gross Weight			
AT802	188	**Weight Unit Code**	X	ID 1/1	
		Code specifying the weight unit			
		L Pounds			
AT803	81	**Weight**	X	R 1/10	
		Numeric value of weight			
AT804	80	**Lading Quantity**	O	N0 1/7	
		Number of units (pieces) of the lading commodity			
AT806	184	**Volume Unit Qualifier**	X	ID 1/1	
		Code identifying the volume unit			
		E Cubic Feet			
AT807	183	**Volume**	X	R 1/8	
		Value of volumetric measure			

Segment:		**G61 Contact**	CONSIGNEE CONTACT INFORMATION
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**	O	ID 2/2			
			Code identifying the major duty or responsibility of the person or group named					
	G6102	93	**Name**	O	AN 1/60			
			Free-form name					
M	G6103	365	**Communication Number Qualifier**	M	ID 2/2			G61*A5*CONSIGNEE 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*CONSIGNE CONTACT NAME*TE*819-124-6699~
			Complete communications number including area code					

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**	X	AN 1/30			
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier					
	L1102	128	**Reference Identification Qualifier**	X	ID 2/3			
			Code qualifying the Reference Identification					

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**	M	R 1/10			L3*334.24*G***31248******1*L~
			Numeric value of weight					
M	L302	187	**Weight Qualifier**	M	ID 1/2			L3*334.24*G***31248******1*L~
			Code defining the type of weight					
			G Gross Weight					

M	L311	80	**Lading Quantity**	M	N0 1/7			L3*334.24*G***31248******1*L~
			Number of units (pieces) of the lading commodity					
M	L312	188	**Weight Unit Code**	M	ID 1/1			L3*334.24*G***31248*******1*L~
			Code specifying the weight unit **L Pounds**					

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	N0 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					