Estes Express Lines

204 MOTOR CARRIER SHIPMENT INFORMATION

VERSION 4010

Estes Express ISA Information

Qualifier: 02

ID: EXLA

VAN: Kleinschmidt

204 Motor Carrier Load Tender

Introduction:

This Draft Standard for Trial Use 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 full load (truckload) motor carrier including detailed scheduling, equipment requirements, commodities, and shipping instructions pertinent to a load tender. It is not to be used to provide a motor carrier with data relative to a Less-than-Truckload bill of lading, pick-up notification, or manifest.

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
5	010	ST	Transaction Set Header	M	1		
6	020	B2	Beginning Segment for Shipment Information Transaction	M	1		
7	030	B2A	Set Purpose	M	1		
8	080	L11	Business Instructions and Reference Number	O	50		
9	090	G62	Date/Time	O	1		n1
10	100	MS3	Interline Information	O	1		
11	110	AT5	Bill of Lading Handling Requirements	O	6		
12	120	PLD	Pallet Information	O	1		
Not Used	125	LH6	Hazardous Certification	O	6		
13	130	NTE	Note/Special Instruction	O	10		
			LOOP ID - 0100			5	
14	140	N1	Name	O	1		n2
Not Used	150	N2	Additional Name Information	O	1		
15	160	N3	Address Information	O	2		
16	170	N4	Geographic Location	O	1		
Not Used	180	L11	Business Instructions and Reference Number	O	1		
17	190	G61	Contact	O	3		
			LOOP ID - 0200			10	
18	200	N7	Equipment Details	O	1		
Not Used	203	N7A	Accessorial Equipment Details	O	1		
Not Used	205	N7B	Additional Equipment Details	O	1		
Not Used	208	MEA	Measurements	O	1		
Not Used	210	M7	Seal Numbers	O	2		

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - 0300			999	
19	010	S5	Stop-off Details	M	1		
20	020	L11	Business Instructions and Reference Number	O	50		
21	030	G62	Date/Time	O	2		n3
22	040	AT8	Shipment Weight, Packaging and Quantity Data	O	1		n4
Not Used	050	LAD	Lading Detail	O	999		n5
11	060	AT5	Bill of Lading Handling Requirements	O	6		

23	063	PLD	Pallet Information	O	1		
24	065	NTE	Note/Special Instruction	O	20		

LOOP ID - 0310						1	
25	070	N1	Name	O	1		
Not Used	080	N2	Additional Name Information	O	1		
26	090	N3	Address Information	O	2		
27	100	N4	Geographic Location	O	1		
28	120	G61	Contact	O	3		

LOOP ID - 0320						99	
29	130	L5	Description, Marks and Numbers	O	1		
30	135	AT8	Shipment Weight, Packaging and Quantity Data	O	1		

LOOP ID - 0325						99	
31	140	G61	Contact	O	1		n6
Not Used	141	L11	Business Instructions and Reference Number	O	5		n7
Not Used	142	LH6	Hazardous Certification	O	6		

LOOP ID - 0330						25	
Not Used	143	LH1	Hazardous Identification Information	O	1		
Not Used	144	LH2	Hazardous Classification Information	O	4		
Not Used	145	LH3	Hazardous Material Shipping Name	O	10		
Not Used	146	LFH	Freeform Hazardous Material Information	O	20		
Not Used	147	LEP	EPA Required Data	O	3		
Not Used	148	LH4	Canadian Dangerous Requirements	O	1		
Not Used	149	LHT	Transborder Hazardous Requirements	O	3		

LOOP ID - 0350						999	
32	150	OID	Order Identification Detail	O	1		n8
Not Used	160	G62	Date/Time	O	2		
33	180	LAD	Lading Detail	O	999		

LOOP ID - 0360						99	
34	190	L5	Description, Marks and Numbers	O	1		n9
35	195	AT8	Shipment Weight, Packaging and Quantity Data	O	1		n10

LOOP ID - 0365						99	
Not Used	200	G61	Contact	O	1		n11
Not Used	201	L11	Business Instructions and Reference Number	O	5		n12
Not Used	202	LH6	Hazardous Certification	O	6		

LOOP ID - 0370						25	
Not Used	203	LH1	Hazardous Identification Information	O	1		
Not Used	204	LH2	Hazardous Classification Information	O	4		
Not Used	205	LH3	Hazardous Material Shipping Name	O	10		
Not Used	206	LFH	Freeform Hazardous Material Information	O	20		
Not Used	207	LEP	EPA Required Data	O	3		
Not Used	208	LH4	Canadian Dangerous Requirements	O	1		
Not Used	209	LHT	Transborder Hazardous Requirements	O	3		

LOOP ID - 0380						10	
Not Used	210	N7	Equipment Details	O	1		
Not Used	220	N7A	Accessorial Equipment Details	O	1		
Not Used	230	N7B	Additional Equipment Details	O	1		
Not Used	240	MEA	Measurements	O	1		
Not Used	250	M7	Seal Numbers	O	2		

Summary:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
36	010	L3	Total Weight and Charges	O	1		
37	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. Segment G62 in header is used to convey the must-respond-by date and time when responding to a 204 transaction.
2. Loop 0100 is used to convey name and address detail relative to bill-to, party controlling freight, or other shipment level name and address information. It is not used to convey ship from or ship to detail which should be handled within loop 0300 in table 2.
3. Use G62 segment either in loop 0300 or loop 0350, but not both.
4. Segment AT8 in loop 0300 is intended for the transmitting of total weight, quantity, and volume relative to the specific stop-off. Should weight, quantity, and volume also be sent in segment AT8 in loop 0320 and tied to commodity detail, then the accumulated amounts of weight, quantity, and volume in the AT8 segment in loop 0320 should equal the amounts in the single AT8 occurrence in loop 0300.
5. Use LAD segment either in loop 0300 or loop 0350, but not both.
6. The G61 segment contains the person or company to be contacted by the carrier in case of emergency.
7. The L11 segment contains the specific hazardous material reference numbers. Used in loop 0325 it pertains to all iterations of loop 0330 following.
8. Use loop 0350 for conveying seller's order/invoice level detail or buyer's purchase order level detail. If not using order level detail, this loop should not be used.
9. If sending order level detail within the 0350 loop, then use L5 and AT8 segments in loop 0360 to relay commodity detail. Otherwise, use L5 and AT8 segments within the 0320 loop to relay commodity detail. Use either loop 0320 or loop 0360, but not both.
10. Accumulated weights, quantities, and volumes sent in the AT8 segment in loop 0360 should total to the weight, quantity, and volume in the OID segment in loop 0350. Accumulated weights and quantities in the LAD segment in loop 0350 should total to the weight and quantity in the OID segment in loop 0350.
11. The G61 segment contains the person or company to be contacted by the carrier in case of emergency.
12. The L11 segment contains the specific hazardous material reference numbers. Used in loop 0365 it pertains to all iterations of loop 0370 following.

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. Des. Attributes	Data Element	Name		
M	ST01	143	**Transaction Set Identifier Code**	M	ID 3/3
			Code uniquely identifying a Transaction Set		
			204 Motor Carrier Load Tender		
M	ST02	329	**Transaction Set Control Number**	M	AN 4/9
			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.
	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.
	2 B209 is mandatory for rail transactions.

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
B202	140	**Standard Carrier Alpha Code**	O	ID 2/4
		Standard Carrier Alpha Code		
B204	145	**Shipment Identification Number**	O	AN 1/30
		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)		
M	B206	146	**Shipment Method of Payment**	M	ID 2/2
		Code identifying payment terms for transportation charges		
		CC Collect		
		PP Prepaid (by Seller)		
		TP Third Party Pay		

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. Des. Attributes	Data Element	Name			
M **B2A01**	**353**	**Transaction Set Purpose Code**	**M**	**ID 2/2**	
		Code identifying purpose of transaction set			
		00 Original			
B2A02	**346**	**Application Type**	**O**	**ID 2/2**	
		Code identifying an application			
		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 pick-up notification			
		PS Partial Load Tender, Shipper Consolidate			

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. Des. Attributes	Data Element	Name		
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		
	12	Billing Account		
		Account number under which billing is rendered		
	CMN	Continuous Move Number		
	CR	Customer Reference Number		
	IT	Internal Customer Number		
	PO	Purchase Order Number		
	RB	Rate code number		
	SI	Shipper's Identifying Number for Shipment (SID)		
		A unique number (to the shipper) assigned by the shipper to identify the shipment		
	TB	Trucker's Bill of Lading		
	TH	Transportation Account Code (TAC)		
	VD	Volume Number		

Segment: # G62 Date/Time

Position: 090
Loop:
Level: Heading
Usage: Optional
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:

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
G6201	432	**Date Qualifier**	X	**ID 2/2**
		Code specifying type of date		
		10 Requested Ship Date/Pick-up Date		
		64 Must Respond By		
G6202	373	**Date**	X	**DT 8/8**
		Date expressed as CCYYMMDD		
G6203	176	**Time Qualifier**	X	**ID 1/2**
		Code specifying the reported time		
		1 Must Respond By		
		Y Requested Pick Up Time		
G6204	337	**Time**	X	**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 DD = hundredths (00-99)		
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		
		CD Central Daylight Time		
		LT Local Time		

Segment:	**MS3** Interline Information			

Segment: **MS3** Interline Information
Position: 100
Loop:
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify the interline carrier and relevant data
Syntax Notes: 1 If MS305 is present, then MS303 is required.
Semantic Notes: 1 MS301 is the Standard Carrier Alpha Code (SCAC) of the interline carrier.
2 MS303 is the city where the interline was performed.
Comments:

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	MS301	140	**Standard Carrier Alpha Code**	M	ID 2/4
			Standard Carrier Alpha Code		
M	MS302	133	**Routing Sequence Code**	M	ID 1/2
			Code describing the relationship of a carrier to a specific shipment movement		
			Z Mutually Defined		
	MS304	91	**Transportation Method/Type Code**	O	ID 1/2
			Code specifying the method or type of transportation for the shipment		
			LT Less Than Trailer Load (LTL)		

Segment: **AT5** **Bill of Lading Handling Requirements**
Position: 110
Loop:
Level: Heading
Usage: Optional
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:

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
AT501	152	**Special Handling Code**	X	ID 2/3

Code specifying special transportation handling instructions

EXP   Expedited Rates Applied
EP   Expedite
RO   Rush Order

AT502	560	**Special Services Code**	X	ID 2/10

Code identifying the special service

EX   Expedited Service

AT503	153	**Special Handling Description**	X	AN 2/30

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

	Segment:	**PLD** Pallet Information
	Position:	120
	Loop:	
	Level:	Heading
	Usage:	Optional
	Max Use:	1
	Purpose:	To specify pallet information including quantity, exchange, and weight
	Syntax Notes:	**1** If either PLD03 or PLD04 is present, then the other is required.
	Semantic Notes:	
	Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name Attributes		
M	PLD01	406	**Quantity of Pallets Shipped**	M	N0 1/3
			Number of pallets shipped		

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.

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
	NTE01	363	Note Reference Code	O	ID 3/3
			Code identifying the functional area or purpose for which the note applies		
			PRI Priority		
			TRA Transportation		
			ZZZ Mutually Defined		
M	NTE02	352	Description	M	AN 1/80
			A free-form description to clarify the related data elements and their content		

Segment: # N1 Name

Position:	140
Loop:	0100 Optional
Level:	Heading
Usage:	Optional
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.

Data Element Summary

Attributes	Ref. Des.	Data Element	Name		
M	N101	98	**Entity Identifier Code**	M	ID 2/3

Code identifying an organizational entity, a physical location, property or an individual

BT	Bill-to-Party
SH	Shipper
VI	Contact Person

	N102	93	**Name**	X	AN 1/60

Free-form name

	N103	66	**Identification Code Qualifier**	X	ID 1/2

Code designating the system/method of code structure used for Identification Code (67)

9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix
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: **N3** Address Information
Position: 160
Loop: 0100 Optional
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	N301	166	**Address Information**	M	AN 1/55
			Address information		
	N302	166	**Address Information**	O	AN 1/55
			Address information		

Segment: **N4** **Geographic Location**
Position: 170
Loop: 0100   Optional
Level: Heading
Usage: Optional
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.

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
N401	**19**	**City Name**	**O**	**AN 2/30**
		Free-form text for city name		
N402	**156**	**State or Province Code**	**O**	**ID 2/2**
		Code (Standard State/Province) as defined by appropriate government agency		
N403	**116**	**Postal Code**	**O**	**ID 3/15**
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
N404	**26**	**Country Code**	**O**	**ID 2/3**
		Code identifying the country		

Segment:		**G61** Contact			
Position:		190			
Loop:		0100	Optional		
Level:		Heading			
Usage:		Optional			
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.			

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M G6101	366	**Contact Function Code**	M	ID 2/2
		Code identifying the major duty or responsibility of the person or group named		
		BI Bill Inquiry Contact		
		Service Provider contact for making inquires about information on the invoice		
		CN General Contact		
		IC Information Contact		
		ZZ Mutually Defined		
M G6102	93	**Name**	M	AN 1/60
		Free-form name		
G6103	365	**Communication Number Qualifier**	X	ID 2/2
		Code identifying the type of communication number		
		EM Electronic Mail		
		TE Telephone		
G6104	364	**Communication Number**	X	AN 1/80
		Complete communications number including country or area code when applicable		
G6105	443	**Contact Inquiry Reference**	O	AN 1/20
		Additional reference number or description to clarify a contact number		

Segment: **N7** **Equipment Details**
Position: 200
Loop: 0200   Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify the equipment
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: **1** N712 is the owner of the equipment.
2 N723 is the operator or carrier of the rights of the equipment.
Comments: **1** N701 is mandatory for rail transactions.
2 N720 and N721 are expressed in inches.

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	N702	207	**Equipment Number**	M	**AN 1/10**
			Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)		
	N703	81	**Weight**	X	**R 1/10**
			Numeric value of weight		
	N704	187	**Weight Qualifier**	X	**ID 1/2**
			Code defining the type of weight		
			G Gross Weight		
	N711	40	**Equipment Description Code**	O	**ID 2/2**
			Code identifying type of equipment used for shipment		
			TF Trailer, Dry Freight		
			TV Truck, Van		
	N715	567	**Equipment Length**	O	**N0 4/5**
			Length (in feet and inches) of equipment ordered or used to transport shipment (The format is FFFII where FFF is feet and II is inches; the range for II is 00 through 11)		
	N720	65	**Height**	O	**R 1/8**
			Vertical dimension of an object measured when the object is in the upright position		
	N721	189	**Width**	O	**R 1/8**
			Shorter measurement of the two horizontal dimensions measured with the object in the upright position		

Segment: **S5** **Stop-off Details**

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:	

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M **S501**	**165**	**Stop Sequence Number** Identifying number for the specific stop and the sequence in which the stop is to be performed	**M**	**N0 1/3**
M **S502**	**163**	**Stop Reason Code** Code specifying the reason for the stop	**M**	**ID 2/2**
		CL Complete		
		CU Complete Unload		
		LD Load		
		UL Unload		
S503	**81**	**Weight** Numeric value of weight	**X**	**R 1/10**
S504	**188**	**Weight Unit Code** Code specifying the weight unit	**X**	**ID 1/1**
		L Pounds		
S505	**382**	**Number of Units Shipped** Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set	**X**	**R 1/10**
S506	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	**X**	**ID 2/2**
		PC Piece		

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:	

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
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		
	12	Billing Account		
		Account number under which billing is rendered		
	BM	Bill of Lading Number		
	CR	Customer Reference Number		
	DO	Delivery Order Number		
	F8	Original Reference Number		
	GZ	General Ledger Account		
	IA	Internal Vendor Number		
	KK	Delivery Reference		
	PO	Purchase Order Number		
	PU	Previous Bill of Lading Number		

Segment: **G62** Date/Time

Position:	030	
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:		

Data Element Summary

Ref. Des. Attributes	Data Element	Name			
G6201	432	**Date Qualifier**		X	ID 2/2
		Code specifying type of date			
		10	Requested Ship Date/Pick-up Date		
		37	Ship Not Before Date		
		38	Ship Not Later Than Date		
		54	Deliver No Later Than Date		
		68	Requested Delivery Date		
		79	Pickup Requested Scheduled Date		
		80	Delivery Requested Scheduled Date		
G6202	373	**Date**		X	DT 8/8
		Date expressed as CCYYMMDD			
G6203	176	**Time Qualifier**		X	ID 1/2
		Code specifying the reported time			
		4	Pickup Requested Scheduled Time		
		5	Delivery Requested Scheduled Time		
		I	Earliest Requested Pick Up Time		
		K	Latest Requested Pick Up Time		
		Y	Requested Pick Up Time		
		Z	Requested Delivery Time		
G6204	337	**Time**		X	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 DD = hundredths (00-99)			
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			
		CD	Central Daylight Time		
		ED	Eastern Daylight Time		

Segment:	**AT8** Shipment Weight, Packaging and Quantity Data
Position:	040
Loop:	0300 Mandatory
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:	

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
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: PLD Pallet Information
Position: 063
Loop: 0300 Mandatory
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify pallet information including quantity, exchange, and weight
Syntax Notes: 1 If either PLD03 or PLD04 is present, then the other is required.
Semantic Notes:
Comments:

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M PLD01	406	**Quantity of Pallets Shipped**	M	N0 1/3
		Number of pallets shipped		
PLD02	399	**Pallet Exchange Code**	O	ID 1/1
		Code specifying pallet exchange instructions		
		1 No Exchange/No Return		

	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.

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
	NTE01	**363**	**Note Reference Code**	**O**	**ID 3/3**
			Code identifying the functional area or purpose for which the note applies		
			BOL Bill of Lading Note		
			GEN Entire Transaction Set		
			ORI Order Instructions		
			OTH Other Instructions		
			SPH Special Handling		
M	**NTE02**	**352**	**Description**	**M**	**AN 1/80**
			A free-form description to clarify the related data elements and their content		

Segment: # N1 Name

Position: 070
Loop: 0310   Optional
Level: Detail
Usage: Optional
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.

Data Element Summary

Ref. Des. Attributes		Data Element	Name		
M	N101	98	**Entity Identifier Code**	M	**ID 2/3**

Code identifying an organizational entity, a physical location, property or an individual

CN	Consignee	
SF	Ship From	
ST	Ship To	

	N102	93	**Name**	X	**AN 1/60**

Free-form name

	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	
ZZ	Mutually Defined	

	N104	67	**Identification Code**	X	**AN 2/80**

Code identifying a party or other code

Segment: **N3** Address Information

Position: 090
Loop: 0310   Optional
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M N301	166	**Address Information**	M	AN 1/55
		Address information		
N302	166	**Address Information**	O	AN 1/55
		Address information		

Segment: **N4** **Geographic Location**
Position: 100
Loop: 0310   Optional
Level: Detail
Usage: Optional
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.

Data Element Summary

Ref. Des. **Attributes**	Data Element	**Name**		
N401	**19**	**City Name**	**O**	**AN 2/30**
		Free-form text for city name		
N402	**156**	**State or Province Code**	**O**	**ID 2/2**
		Code (Standard State/Province) as defined by appropriate government agency		
N403	**116**	**Postal Code**	**O**	**ID 3/15**
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
N404	**26**	**Country Code**	**O**	**ID 2/3**
		Code identifying the country		

Segment: **G61** Contact
Position: 120
Loop: 0310   Optional
Level: Detail
Usage: Optional
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.

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M G6101	366	**Contact Function Code**	M	**ID 2/2**
		Code identifying the major duty or responsibility of the person or group named		
		CN General Contact		
		IC Information Contact		
M G6102	93	**Name**	M	**AN 1/60**
		Free-form name		
G6103	365	**Communication Number Qualifier**	X	**ID 2/2**
		Code identifying the type of communication number		
		TE Telephone		
G6104	364	**Communication Number**	X	**AN 1/80**
		Complete communications number including country or area code when applicable		

Segment: **L5** **Description, Marks and Numbers**
Position: 130
Loop: 0320 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.

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
L501	213	**Lading Line Item Number**	O	N0 1/3
		Sequential line number for a lading item		
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: **AT8** **Shipment Weight, Packaging and Quantity Data**
Position: 135
Loop: 0320   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:

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
AT801	187	**Weight Qualifier**	X	ID 1/2
		Code defining the type of weight		
		U Weight Per Unit		
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		

Segment: **G61** Contact

Position: 140
Loop: 0325   Optional
Level: Detail
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.

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M **G6101**	**366**	**Contact Function Code**	**M**	**ID 2/2**
		Code identifying the major duty or responsibility of the person or group named		
		SH Shipper Contact		
M **G6102**	**93**	**Name**	**M**	**AN 1/60**
		Free-form name		
G6103	**365**	**Communication Number Qualifier**	**X**	**ID 2/2**
		Code identifying the type of communication number		
		TE Telephone		
G6104	**364**	**Communication Number**	**X**	**AN 1/80**
		Complete communications number including country or area code when applicable		

Segment: # OID Order Identification Detail

Position: 150
Loop: 0350   Optional
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:

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
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		
OID02	324	**Purchase Order Number**	X	AN 1/22
		Identifying number for Purchase Order assigned by the orderer/purchaser		
OID04	355	**Unit or Basis for Measurement Code**	X	ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		CA Case		
		PC Piece		
OID05	380	**Quantity**	X	R 1/15
		Numeric value of quantity		
OID06	188	**Weight Unit Code**	X	ID 1/1
		Code specifying the weight unit		
		L Pounds		
OID07	81	**Weight**	X	R 1/10
		Numeric value of weight		
OID08	184	**Volume Unit Qualifier**	X	ID 1/1
		Code identifying the volume unit		
		E Cubic Feet		
OID09	183	**Volume**	X	R 1/8
		Value of volumetric measure		

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:

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
LAD01	**211**	**Packaging Form Code**	**X**	**ID 3/3**
		Code for packaging form of the lading quantity		
		PLT Pallet		
LAD02	**80**	**Lading Quantity**	**X**	**N0 1/7**
		Number of units (pieces) of the lading commodity		

	L5 Description, Marks and Numbers
Segment:	
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.

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
L501	**213**	**Lading Line Item Number**	**O**	**N0 1/3**
		Sequential line number for a lading item		
L502	**79**	**Lading Description**	**O**	**AN 1/50**
		Description of an item as required for rating and billing purposes		
L505	**103**	**Packaging Code**	**O**	**AN 3/5**
		Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required		
		PCS Pieces		
L506	**87**	**Marks and Numbers**	**X**	**AN 1/48**
		Marks and numbers used to identify a shipment or parts of a shipment		
L508	**23**	**Commodity Code Qualifier**	**X**	**ID 1/1**
		Code identifying the commodity coding system used for Commodity Code		
		N National Motor Freight Classification (NMFC)		
L509	**22**	**Commodity Code**	**X**	**AN 1/30**
		Code describing a commodity or group of commodities		

Segment:	**AT8** **Shipment Weight, Packaging and Quantity Data**
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:	

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
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:	**L3** Total Weight and Charges
Position:	010
Loop:	
Level:	Summary
Usage:	Optional
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:	1 L305 is the total charges.
Comments:	

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
L301	**81**	**Weight**	**X**	**R 1/10**
		Numeric value of weight		
L302	**187**	**Weight Qualifier**	**X**	**ID 1/2**
		Code defining the type of weight		
		A3 Shippers Weight		
		G Gross Weight		
L303	**60**	**Freight Rate**	**X**	**R 1/9**
		Rate that applies to the specific commodity		
L304	**122**	**Rate/Value Qualifier**	**X**	**ID 2/2**
		Code qualifying how to extend charges or interpret value		
		FR Flat Rate		
L305	**58**	**Charge**	**O**	**N2 1/12**
		For a line item: freight or special charge; for the total invoice: the total charges -- expressed in the standard monetary denomination for the currency specified		
L306	**191**	**Advances**	**O**	**N2 1/9**
		Incidental charges occurring during transportation which are not generally considered to be freight charges (examples - stop charges, diversion and reconsignment, icing) expressed in the standard monetary denomination for the currency specified		
L308	**150**	**Special Charge or Allowance Code**	**O**	**ID 3/3**
		Code identifying type of special charge or allowance		
		CSC Contract Service Charge		
L309	**183**	**Volume**	**X**	**R 1/8**
		Value of volumetric measure		
L310	**184**	**Volume Unit Qualifier**	**X**	**ID 1/1**
		Code identifying the volume unit		
		E Cubic Feet		
L311	**80**	**Lading Quantity**	**O**	**N0 1/7**
		Number of units (pieces) of the lading commodity		
L312	**188**	**Weight Unit Code**	**O**	**ID 1/1**
		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. Des. Attributes	Data Element	Name		
M	SE01	96	**Number of Included Segments**	M	N0 1/10
			Total number of segments included in a transaction set including ST and SE segments		
M	SE02	329	**Transaction Set Control Number**	M	AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		