

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

Functional Group ID=**SM**

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:

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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:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
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
Not Used	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:

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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

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 204 Motor Carrier Load Tender	M ID 3/3
M	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9

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

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

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

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	
M	B2A01	353	Transaction Set Purpose Code Code identifying purpose of transaction set 00 Original	M ID 2/2
	B2A02	346	Application Type 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	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

<u>Ref.</u> <u>Des.</u> <u>Attributes</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	
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
	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

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>		
G6201	432	Date Qualifier Code specifying type of date 10 Requested Ship Date/Pick-up Date 64 Must Respond By	X	ID 2/2
G6202	373	Date Date expressed as CCYYMMDD	X	DT 8/8
G6203	176	Time Qualifier Code specifying the reported time 1 Must Respond By Y Requested Pick Up Time	X	ID 1/2
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 DD = hundredths (00-99)	X	TM 4/8
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 CD Central Daylight Time LT Local Time	O	ID 2/2

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

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

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

<u>Ref.</u> <u>Des.</u> <u>Attributes</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	
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

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

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

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

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	
	<u>Attributes</u>			
	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

	<u>Ref.</u> <u>Des.</u> <u>Attributes</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	
M	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual BT Bill-to-Party SH Shipper VI Contact Person	M ID 2/3
	N102	93	Name Free-form name	X AN 1/60
	N103	66	Identification Code Qualifier 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	X ID 1/2
	N104	67	Identification Code Code identifying a party or other code	X AN 2/80

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. <u>Attributes</u>	Data Element	Name		
M	N301	166	Address Information Address information	M	AN 1/55
	N302	166	Address Information Address information	O	AN 1/55

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

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

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

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	
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 inquiries 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

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

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

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	
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 CL Complete CU Complete Unload LD Load UL Unload	M ID 2/2
	S503	81	Weight Numeric value of weight	X R 1/10
	S504	188	Weight Unit Code Code specifying the weight unit L Pounds	X ID 1/1
	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 PC Piece	X ID 2/2

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

<u>Ref.</u> <u>Des.</u> <u>Attributes</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	
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
	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

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	
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

<u>Ref.</u>	<u>Data</u>	<u>Name</u>		
<u>Des.</u>	<u>Element</u>			
<u>Attributes</u>				
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: **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

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

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

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	
	<u>Attributes</u>			
	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

	<u>Ref.</u> <u>Des.</u> <u>Attributes</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	
M	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual CN Consignee SF Ship From ST Ship To	M ID 2/3
	N102	93	Name Free-form name	X AN 1/60
	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 ZZ Mutually Defined	X ID 1/2
	N104	67	Identification Code Code identifying a party or other code	X AN 2/80

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

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>		
M	N301	166	Address Information Address information	M	AN 1/55
	N302	166	Address Information Address information	O	AN 1/55

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

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

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

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

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>		
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

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>		
<u>Attributes</u> AT801	187	Weight Qualifier Code defining the type of weight U Weight Per Unit	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

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

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

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

<u>Ref.</u> <u>Des.</u> <u>Attributes</u>	<u>Data</u> <u>Element</u>	<u>Name</u>		
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

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

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.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>		
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

<u>Ref.</u>	<u>Data</u>	<u>Name</u>		
<u>Des.</u>	<u>Element</u>			
<u>Attributes</u>				
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:
Comments: 1 L305 is the total charges.

Data Element Summary					
<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>		
<u>Attributes</u>					
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. <u>Attributes</u>	Data Element	Name	
M	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M N0 1/10
M	SE02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9