Estes Express Lines

204 MOTOR CARRIER SHIPMENT INFORMATION

VERSION 4010

Estes Express ISA Information

Qualifier: 02

ID: EXLA

Communication Options: SFTP, AS2, or VAN

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:

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** 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

	Ref. Des.	Data Element	Name		Attributes
	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

	Ref. Des. Attributes	Data Element	Name			
M	**B2A01**	**353**	**Transaction Set Purpose Code** Code identifying purpose of transaction set		**M**	**ID 2/2**
			00	Original		
	B2A02	**346**	**Application Type** Code identifying an application		**O**	**ID 2/2**
			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.	Data Element	Name			
Attributes					
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

Ref. Des.	Data Element	Name		Attributes
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

	Ref. Des.	Data Element	Name		
	Attributes				
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

Ref. Des.	Data Element	Name		Attributes
AT501	**152**	**Special Handling Code** Code specifying special transportation handling instructions EXP Expedited Rates Applied EP Expedite RO Rush Order	**X**	**ID 2/3**
AT502	**560**	**Special Services Code** Code identifying the special service EX Expedited Service	**X**	**ID 2/10**
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

	Ref. Des.	Data Element	Name		
			Attributes		
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

	Ref. Des.	Data Element	Name		
	Attributes				
	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

	Ref. Des. Attributes	Data Element	Name			
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. Attributes	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

Ref. Des.	Data Element	Name		Attributes
N401	**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: 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** 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**	**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 EM Electronic Mail TE Telephone	**X**	**ID 2/2**
	G6104	**364**	**Communication Number** Complete communications number including country or area code when applicable	**X**	**AN 1/80**
	G6105	**443**	**Contact Inquiry Reference** Additional reference number or description to clarify a contact number	**O**	**AN 1/20**

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.	Data Element	Name	Attributes	
M	**N702**	**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

	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 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

Ref. Des.	Data Element	Name		Attributes
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

Ref. Des.	Data Element	Name		Attributes
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.	Data Element	Name	Attributes
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

	Ref. Des.	Data Element	Name		Attributes
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

	Ref. Des.	Data Element	Name	Attributes
	NTE01	**363**	**Note Reference Code** 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	**O ID 3/3**
M	**NTE02**	**352**	**Description** A free-form description to clarify the related data elements and their content	**M AN 1/80**

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** Code identifying an organizational entity, a physical location, property or an individual		**M**	**ID 2/3**
			CN	Consignee		
			SF	Ship From		
			ST	Ship To		
	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)		**X**	**ID 1/2**
			93	Code assigned by the organization originating the transaction set		
			ZZ	Mutually Defined		
	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

	Ref. Des.	Data Element	Name		Attributes
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		Attributes
N401	**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

	Ref. Des. Attributes	Data Element	Name		
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

Ref. Des.	Data Element	Name	Attributes
L501	**213**	**Lading Line Item Number** Sequential line number for a lading item	**O N0 1/3**
L502	**79**	**Lading Description** Description of an item as required for rating and billing purposes	**O AN 1/50**
L503	**22**	**Commodity Code** Code describing a commodity or group of commodities	**X AN 1/30**
L504	**23**	**Commodity Code Qualifier** Code identifying the commodity coding system used for Commodity Code N National Motor Freight Classification (NMFC)	**X ID 1/1**

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.	Data Element	Name	Attributes
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

	Ref. Des. Attributes	Data Element	Name		
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

Ref. Des.	Data Element	Name	Attributes	
OID01	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	**X**	**AN 1/30**
OID02	**324**	**Purchase Order Number** Identifying number for Purchase Order assigned by the orderer/purchaser	**X**	**AN 1/22**
OID04	**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 CA Case PC Piece	**X**	**ID 2/2**
OID05	**380**	**Quantity** Numeric value of quantity	**X**	**R 1/15**
OID06	**188**	**Weight Unit Code** Code specifying the weight unit L Pounds	**X**	**ID 1/1**
OID07	**81**	**Weight** Numeric value of weight	**X**	**R 1/10**
OID08	**184**	**Volume Unit Qualifier** Code identifying the volume unit E Cubic Feet	**X**	**ID 1/1**
OID09	**183**	**Volume** Value of volumetric measure	**X**	**R 1/8**

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.	Data Element	Name		Attributes
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

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

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.	Data Element	Name	Attributes
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: **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.	Data Element	Name	Attributes
L301	**81**	**Weight** Numeric value of weight	**X R 1/10**
L302	**187**	**Weight Qualifier** Code defining the type of weight A3 Shippers Weight G Gross Weight	**X ID 1/2**
L303	**60**	**Freight Rate** Rate that applies to the specific commodity	**X R 1/9**
L304	**122**	**Rate/Value Qualifier** Code qualifying how to extend charges or interpret value FR Flat Rate	**X ID 2/2**
L305	**58**	**Charge** 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	**O N2 1/12**
L306	**191**	**Advances** 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	**O N2 1/9**
L308	**150**	**Special Charge or Allowance Code** Code identifying type of special charge or allowance CSC Contract Service Charge	**O ID 3/3**
L309	**183**	**Volume** Value of volumetric measure	**X R 1/8**
L310	**184**	**Volume Unit Qualifier** Code identifying the volume unit E Cubic Feet	**X ID 1/1**
L311	**80**	**Lading Quantity** Number of units (pieces) of the lading commodity	**O N0 1/7**
L312	**188**	**Weight Unit Code** Code specifying the weight unit L Pounds	**O ID 1/1**

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.	Data Element	Name	Attributes
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**