

# 204 Motor Carrier Load Tender

Functional Group ID=**SM**

## Introduction:

This X12 Transaction Set 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, pickup notification, or manifest.

## Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
5	0100	ST	Transaction Set Header	M	1		
6	0200	B2	Beginning Segment for Shipment Information Transaction	M	1		
7	0300	B2A	Set Purpose	M	1		
Not Used	0400	C3	Currency Identifier	O	1		
8	0800	L11	Business Instructions and Reference Number	M	99999		
9	0900	G62	Date/Time	M	1		n1
Not Used	1000	MS3	Interline Information	O	1		
LOOP ID - 0050						6	
10	1100	AT5	Bill of Lading Handling Requirements	M	1		
Not Used	1120	RTT	Freight Rate Information	O	1		
Not Used	1150	C3	Currency Identifier	O	1		
Not Used	1200	PLD	Pallet Shipment Information	O	1		
Not Used	1250	LH6	Hazardous Certification	O	6		
11	1300	NTE	Note/Special Instruction	O	4		
LOOP ID - 0100						5	
12	1400	N1	Party Identification	M	1		n2
Not Used	1500	N2	Additional Name Information	O	1		
13	1600	N3	Party Location	M	2		
14	1700	N4	Geographic Location	M	1		
Not Used	1800	L11	Business Instructions and Reference Number	O	1		
Not Used	1900	G61	Contact	O	3		
LOOP ID - 0200						10	
15	2000	N7	Equipment Details	M	1		
Not Used	2030	N7A	Accessorial Equipment Details	O	1		
Not Used	2050	N7B	Additional Equipment Details	O	1		
Not Used	2080	MEA	Measurements	O	1		
Not Used	2100	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	
16	0100	S5	Stop-off Details	M	1		

Army and Air Force Exchange Service

17	0200	L11	Business Instructions and Reference Number	M	99999	
18	0300	G62	Date/Time	M	3	n3
Not Used	0400	AT8	Shipment Weight, Packaging and Quantity Data	O	1	n4
Not Used	0500	LAD	Lading Detail	O	99999	n5
LOOP ID - 0305					6	
19	0600	AT5	Bill of Lading Handling Requirements	O	1	
Not Used	0610	RTT	Freight Rate Information	O	1	
Not Used	0620	C3	Currency Identifier	O	1	
Not Used	0630	PLD	Pallet Shipment Information	O	1	
20	0650	NTE	Note/Special Instruction	O	20	
LOOP ID - 0310					1	
21	0700	N1	Party Identification	M	1	
Not Used	0800	N2	Additional Name Information	O	1	
22	0900	N3	Party Location	M	2	
23	1000	N4	Geographic Location	M	1	
24	1200	G61	Contact	O	3	
LOOP ID - 0320					99999	
Not Used	1300	L5	Description, Marks and Numbers	O	1	
Not Used	1350	AT8	Shipment Weight, Packaging and Quantity Data	O	1	
LOOP ID - 0325					6	
Not Used	1351	AT5	Bill of Lading Handling Requirements	O	1	
Not Used	1353	RTT	Freight Rate Information	O	1	
Not Used	1355	C3	Currency Identifier	O	1	
Not Used	1356	L11	Business Instructions and Reference Number	O	>1	
Not Used	1360	MEA	Measurements	O	10	
Not Used	1370	PER	Administrative Communications Contact	O	1	n6
Not Used	1375	L4	Measurement	O	1	
LOOP ID - 0325					99	
Not Used	1400	G61	Contact	O	1	n7
Not Used	1410	L11	Business Instructions and Reference Number	O	5	n8
Not Used	1420	LH6	Hazardous Certification	O	6	
LOOP ID - 0330					25	
Not Used	1430	LH1	Hazardous Identification Information	O	1	
Not Used	1440	LH2	Hazardous Classification Information	O	4	
Not Used	1450	LH3	Hazardous Material Shipping Name Information	O	10	
Not Used	1460	LFH	Free-form Hazardous Material Information	O	20	
Not Used	1470	LEP	EPA Required Data	O	3	
Not Used	1480	LH4	Canadian Dangerous Requirements	O	1	
Not Used	1490	LHT	Transborder Hazardous Requirements	O	3	
LOOP ID - 0350					99999	
25	1500	OID	Order Information Detail	M	1	n9
Not Used	1600	G62	Date/Time	O	2	
Not Used	1800	LAD	Lading Detail	O	99999	
LOOP ID - 0360					99999	
Not Used	1900	L5	Description, Marks and Numbers	O	1	n10
Not Used	1950	AT8	Shipment Weight, Packaging and Quantity Data	O	1	n11
Not Used	1955	L4	Measurement	O	1	
LOOP ID - 0365					99	

Army and Air Force Exchange Service

Not Used	2000	G61	Contact	O	1	n12
Not Used	2010	L11	Business Instructions and Reference Number	O	5	n13
Not Used	2020	LH6	Hazardous Certification	O	6	
<b>LOOP ID - 0370</b>						<b>25</b>
Not Used	2030	LH1	Hazardous Identification Information	O	1	
Not Used	2040	LH2	Hazardous Classification Information	O	4	
Not Used	2050	LH3	Hazardous Material Shipping Name Information	O	10	
Not Used	2060	LFH	Free-form Hazardous Material Information	O	20	
Not Used	2070	LEP	EPA Required Data	O	3	
Not Used	2080	LH4	Canadian Dangerous Requirements	O	1	
Not Used	2090	LHT	Transborder Hazardous Requirements	O	3	
<b>LOOP ID - 0380</b>						<b>10</b>
Not Used	2100	N7	Equipment Details	O	1	
Not Used	2200	N7A	Accessorial Equipment Details	O	1	
Not Used	2300	N7B	Additional Equipment Details	O	1	
Not Used	2400	MEA	Measurements	O	1	
Not Used	2500	M7	Seal Numbers	O	2	

**Summary:**

<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>
26	0100	L3	Total Weight and Charges	M	1		
<b>LOOP ID - 1000</b>						<b>1</b>	
Not Used	0150	LX	Transaction Set Line Number	O	1		
Not Used	0175	L4	Measurement	O	1		
27	0200	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 PER segment is used to specify the sales representative for the product shipped.
7. The G61 segment contains the person or company to be contacted by the carrier in case of emergency.
8. The L11 segment contains the specific hazardous material reference numbers. Used in loop 0325 it pertains to all iterations of loop 0330 following.
9. 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.
10. 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.
11. 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.
12. The G61 segment contains the person or company to be contacted by the carrier in case of emergency.

Army and Air Force Exchange Service

- 13.** 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:** 0100  
**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).
- 2 The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

**Comments:**  
**Business Rules:** Variable Name: STST

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	ST01	143	<b>Transaction Set Identifier Code</b> Code uniquely identifying a Transaction Set Refer to 005010 Data Element Dictionary for acceptable code values.	M 1 ID 3/3
M	ST02	329	<b>Transaction Set Control Number</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M 1 AN 4/9

**Segment:** **B2** Beginning Segment for Shipment Information Transaction  
**Position:** 0200  
**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.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	B202	140	<b>Standard Carrier Alpha Code</b> Standard Carrier Alpha Code	M 1 ID 4/4
M	B204	145	<b>Shipment Identification Number</b> 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 1 AN 1/30
M	B206	146	<b>Shipment Method of Payment</b> Code identifying payment terms for transportation charges CC Collect MX Mixed PP Prepaid (by Seller)	M 1 ID 2/2

**Segment:** **B2A** Set Purpose  
**Position:** 0300  
**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>	<u>Attributes</u>
M	B2A01	353	<b>Transaction Set Purpose Code</b> Code identifying purpose of transaction set 00 Original 01 Cancellation 04 Change	M 1 ID 2/2
M	B2A02	346	<b>Application Type</b> 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 pickup notification	M 1 ID 2/2

**Segment:** **L11 Business Instructions and Reference Number**  
**Position:** 0800  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 99999  
**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:**

- 1 L1104 contains data relating to the qualifier cited in L1102.
- 2 L1105 indicates if the reference numbers included in this transmission were transmitted to the carrier in electronic format or key entered by the carrier. A "Y" indicates the carrier utilized the electronic shipper supplied reference information to create this document. A "N" indicates the carrier key entered the reference information from a shipper supplied document.

**Comments:**

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	L1101	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M 1 AN 1/50
M	L1102	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification TN Transaction Reference Number	M 1 ID 2/3



**Segment:** **G62** Date/Time  
**Position:** 0900  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify pertinent dates and times  
**Syntax Notes:**  
 1 At least one of G6201 or G6203 is required.  
 2 If either G6201 or G6202 is present, then the other is required.  
 3 If either G6203 or G6204 is present, then the other is required.

**Semantic Notes:**  
**Comments:**

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	G6201	432	<b>Date Qualifier</b> Code specifying type of date <i>Code "01", meaning canceling the original transaction, will only be used when B2A01 = "01".</i> <i>Code "45", meaning informational, will only be used when B2A01 = "04".</i> 01 Cancel After This Date 45 Notified 64 Must Respond By	M 1 ID 2/2
M	G6202	373	<b>Date</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M 1 DT 8/8
M	G6203	176	<b>Time Qualifier</b> Code specifying the reported time <i>Code "0", meaning canceling the original transaction, will only be used when B2A01 = "01".</i> <i>Code "N", meaning informational, will only be used when B2A01 = "04".</i> 0 Original Transaction 1 Must Respond By N Notified	M 1 ID 1/2
M	G6204	337	<b>Time</b> 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)	M 1 TM 4/8
M	G6205	623	<b>Time Code</b> 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 LT Local Time	M 1 ID 2/2

**Segment:** **AT5** **Bill of Lading Handling Requirements**  
**Position:** 1100  
**Loop:** 0050 Mandatory  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**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.
- 3 If AT504 is present, then at least one of AT505 or AT506 is required.
- 4 If AT505 is present, then AT504 is required.
- 5 If AT506 is present, then AT504 is required.

**Semantic Notes:**

- 1 AT505 is the minimum temperature.
- 2 AT506 is the maximum temperature.

**Comments:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M	<u>Des.</u> AT501	<u>Element</u> 152 <b>Special Handling Code</b> Code specifying special transportation handling instructions	M 1 ID 2/3
		LTT Less Than Truckload	
		MP Multiple Pickup	
		STD Stop-off at Destination	
		TLS Tendered as Truckload (Truckload Service Requested)	

**Segment:** **NTE** Note/Special Instruction  
**Position:** 1300  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 4  
**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 processible. 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>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Description</u>	
M	NTE02	352	Description	M 1 AN 1/80
			A free-form description to clarify the related data elements and their content	

**Segment:** **N1 Party Identification**  
**Position:** 1400  
**Loop:** 0100 Mandatory  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name, and code  
**Syntax Notes:**  
 1 At least one of N102 or N103 is required.  
 2 If either N103 or N104 is present, then the other is required.  
**Semantic Notes:**  
**Comments:**  
 1 This segment, used alone, provides the most efficient method of 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>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N101	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual BT Bill-to-Party	M 1 ID 2/3
M	N102	93	<b>Name</b> Free-form name	M 1 AN 1/60

**Segment:** **N3 Party Location**  
**Position:** 1600  
**Loop:** 0100 Mandatory  
**Level:** Heading  
**Usage:** Mandatory  
**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>	<u>Attributes</u>
M	N301	166	<b>Address Information</b> Address information	M 1 AN 1/55
M	N302	166	<b>Address Information</b> Address information	M 1 AN 1/55

**Segment:** **N4 Geographic Location**  
**Position:** 1700  
**Loop:** 0100 Mandatory  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify the geographic place of the named party  
**Syntax Notes:**

- 1 Only one of N402 or N407 may be present.
- 2 If N406 is present, then N405 is required.
- 3 If N407 is present, then N404 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.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	N401	19	<b>City Name</b> Free-form text for city name	M 1 AN 2/30
M	N402	156	<b>State or Province Code</b> Code (Standard State/Province) as defined by appropriate government agency	M 1 ID 2/2
M	N403	116	<b>Postal Code</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	M 1 ID 3/15
M	N404	26	<b>Country Code</b> Code identifying the country	M 1 ID 2/3

**Segment:** **N7 Equipment Details**  
**Position:** 2000  
**Loop:** 0200 Mandatory  
**Level:** Heading  
**Usage:** Mandatory  
**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.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N702	207	<b>Equipment Number</b> Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)	M 1 AN 1/15
M	N711	40	<b>Equipment Description Code</b> Code identifying type of equipment used for shipment FF Frozen Food Trailer RT Controlled Temperature Trailer (Reefer) TF Trailer, Dry Freight TW Trailer, Refrigerated A refrigerated trailer capable of keeping product cold. Different from a temperature controlled trailer which is able to keep product at a constant temperature	M 1 ID 2/2

**Segment:** **S5** Stop-off Details  
**Position:** 0100  
**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>	<u>Attributes</u>
M	S501	165	<b>Stop Sequence Number</b> Identifying number for the specific stop and the sequence in which the stop is to be performed	M 1 N0 1/3
M	S502	163	<b>Stop Reason Code</b> Code specifying the reason for the stop LD Load UL Unload	M 1 ID 2/2
M	S503	81	<b>Weight</b> Numeric value of weight	M 1 R 1/10
M	S504	188	<b>Weight Unit Code</b> Code specifying the weight unit L Pounds	M 1 ID 1/1
M	S505	382	<b>Number of Units Shipped</b> Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set	M 1 R 1/10
M	S506	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken CT Carton PC Piece PL Pallet/Unit Load	M 1 ID 2/2
M	S507	183	<b>Volume</b> Value of volumetric measure	M 1 R 1/8
M	S508	184	<b>Volume Unit Qualifier</b> Code identifying the volume unit E Cubic Feet	M 1 ID 1/1



**Segment:** **L11 Business Instructions and Reference Number**  
**Position:** 0200  
**Loop:** 0300 Mandatory  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 99999  
**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:**  
 1 L1104 contains data relating to the qualifier cited in L1102.  
 2 L1105 indicates if the reference numbers included in this transmission were transmitted to the carrier in electronic format or key entered by the carrier. A "Y" indicates the carrier utilized the electronic shipper supplied reference information to create this document. A "N" indicates the carrier key entered the reference information from a shipper supplied document.  
**Comments:**

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	L1101	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M 1 AN 1/50
M	L1102	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification QN Stop Sequence Number	M 1 ID 2/3

**Segment:** **G62** Date/Time  
**Position:** 0300  
**Loop:** 0300 Mandatory  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 3  
**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>	<u>Attributes</u>
M	G6201	432	<b>Date Qualifier</b> Code specifying type of date 53 Deliver Not Before Date 54 Deliver No Later Than Date 69 Scheduled Pickup Date	M 1 ID 2/2
M	G6202	373	<b>Date</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M 1 DT 8/8
M	G6203	176	<b>Time Qualifier</b> Code specifying the reported time I Earliest Requested Pickup Time K Latest Requested Pickup Time	M 1 ID 1/2
M	G6204	337	<b>Time</b> 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)	M 1 TM 4/8
M	G6205	623	<b>Time Code</b> 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 LT Local Time	M 1 ID 2/2

**Segment:** **AT5** **Bill of Lading Handling Requirements**  
**Position:** 0600  
**Loop:** 0305 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**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.
- 3 If AT504 is present, then at least one of AT505 or AT506 is required.
- 4 If AT505 is present, then AT504 is required.
- 5 If AT506 is present, then AT504 is required.

**Semantic Notes:**

- 1 AT505 is the minimum temperature.
- 2 AT506 is the maximum temperature.

**Comments:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
M	AT501	152 <b>Special Handling Code</b>	M 1 ID 2/3
		Code specifying special transportation handling instructions	
		DNF Do Not Freeze	
		Specifies that the temperature of a shipment must not go below the freezing point during transit	
		FG Flammable Gas	
		FL Flammable	
		HAZ Hazardous Cargo	
		MRF Refrigerated	
		PER Special Permits	
		Carrier required to provide special permits in order to move freight	
		PFH Protect From Heat	
		PUP PUP Trailer Rates Apply	
		SMP Small Package	
		ZZZ Mutually Defined	

**Segment:** **NTE** Note/Special Instruction  
**Position:** 0650  
**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 processible. 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>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Description</u>	
M	NTE02	352	A free-form description to clarify the related data elements and their content	M 1 AN 1/80

**Segment:** **N1 Party Identification**  
**Position:** 0700  
**Loop:** 0310 Mandatory  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name, and code  
**Syntax Notes:**  
 1 At least one of N102 or N103 is required.  
 2 If either N103 or N104 is present, then the other is required.  
**Semantic Notes:**  
**Comments:**  
 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.  
 2 N105 and N106 further define the type of entity in N101.

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	N101	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual SF Ship From ST Ship To	M 1 ID 2/3
M	N102	93	<b>Name</b> Free-form name	M 1 AN 1/60

**Segment:** **N3 Party Location**  
**Position:** 0900  
**Loop:** 0310 Mandatory  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 2  
**Purpose:** To specify the location of the named party  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

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

**Segment:** **N4 Geographic Location**  
**Position:** 1000  
**Loop:** 0310 Mandatory  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify the geographic place of the named party  
**Syntax Notes:**

- 1 Only one of N402 or N407 may be present.
- 2 If N406 is present, then N405 is required.
- 3 If N407 is present, then N404 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.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	N401	19	<b>City Name</b> Free-form text for city name	M 1 AN 2/30
M	N402	156	<b>State or Province Code</b> Code (Standard State/Province) as defined by appropriate government agency	M 1 ID 2/2
M	N403	116	<b>Postal Code</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	M 1 ID 3/15
M	N404	26	<b>Country Code</b> Code identifying the country	M 1 ID 2/3

**Segment:** **G61 Contact**  
**Position:** 1200  
**Loop:** 0310 Mandatory  
**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>	<u>Attributes</u>
M	G6101	366	<b>Contact Function Code</b> Code identifying the major duty or responsibility of the person or group named IC Information Contact	M 1 ID 2/2
M	G6102	93	<b>Name</b> Free-form name	M 1 AN 1/60
M	G6103	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number EM Electronic Mail FX Facsimile TE Telephone	M 1 ID 2/2
M	G6104	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	M 1 AN 1/256



**Segment:** **OID** Order Information Detail  
**Position:** 1500  
**Loop:** 0350 Mandatory  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify order information 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.
- 3 OID11 specifies the sorting and/or segregating number for each receiving location (processing area).

**Comments:**

**Data Element Summary**

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	OID02	324	<b>Purchase Order Number</b> Identifying number for Purchase Order assigned by the orderer/purchaser	M 1 AN 1/22
M	OID04	211	<b>Packaging Form Code</b> Code for packaging form of the lading quantity CTN Carton PCS Pieces PLT Pallet	M 1 ID 3/3
M	OID05	380	<b>Quantity</b> Numeric value of quantity	M 1 R 1/15
M	OID06	188	<b>Weight Unit Code</b> Code specifying the weight unit L Pounds	M 1 ID 1/1
M	OID07	81	<b>Weight</b> Numeric value of weight	M 1 R 1/10
M	OID08	184	<b>Volume Unit Qualifier</b> Code identifying the volume unit E Cubic Feet	M 1 ID 1/1
M	OID09	183	<b>Volume</b> Value of volumetric measure	M 1 R 1/8

**Segment:** **L3** Total Weight and Charges

**Position:** 0100

**Loop:**

**Level:** Summary

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To specify the total shipment in terms of weight, volume, rates, charges, advances, and prepaid amounts applicable to one or more line items

**Syntax Notes:** 1 If either L301 or L302 is present, then the other is required.

2 If either L303 or L304 is present, then the other is required.

3 If either L309 or L310 is present, then the other is required.

4 If L312 is present, then L301 is required.

5 If either L314 or L315 is present, then the other is required.

**Semantic Notes:** 1 L305 is the total charges.

**Comments:**

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>			<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	L301	81	<b>Weight</b>		M 1 R 1/10
			Numeric value of weight		
M	L302	187	<b>Weight Qualifier</b>		M 1 ID 1/2
			Code defining the type of weight		
			G Gross Weight		
M	L309	183	<b>Volume</b>		M 1 R 1/8
			Value of volumetric measure		
M	L310	184	<b>Volume Unit Qualifier</b>		M 1 ID 1/1
			Code identifying the volume unit		
			E Cubic Feet		
M	L311	80	<b>Lading Quantity</b>		M 1 N0 1/7
			Number of units (pieces) of the lading commodity		
M	L312	188	<b>Weight Unit Code</b>		M 1 ID 1/1
			Code specifying the weight unit		
			L Pounds		

**Segment:** **SE** Transaction Set Trailer  
**Position:** 0200  
**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**

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