



204 Motor Carrier Load Tender

X12/V4010/204: 204 Motor Carrier Load Tender

Author:	FDS EC DEPT.
Publication:	Version-1.0
Trading Partner:	LTL Carriers.
Revised	07/09/2007(Updated Logo)
Notes:	Pick-up Notification

204

Motor Carrier Load Tender

Functional Group=SM

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.

Not Defined:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
	ISA	Interchange Control Header	M	1		
	GS	Functional Group Header	M	1		

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
010	ST	Transaction Set Header	M	1		
020	B2	Beginning Segment for Shipment Information Transaction	M	1		
030	B2A	Set Purpose	M	1		
080	L11	Business Instructions and Reference Number	O	50		
110	AT5	Bill of Lading Handling Requirements	O	6		

<u>LOOP ID - 0100</u>						<u>5</u>	<u>N1/140L</u>
140	N1	Name	O	1			N1/140
150	N2	Additional Name Information	O	1			
160	N3	Address Information	O	2			
170	N4	Geographic Location	O	1			

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	
<u>LOOP ID - 0300</u>						<u>2</u>	
010	S5	Stop Off Details	M	1			
020	L11	Business Instructions and Reference Number	O	50			
030	G62	Date/Time	O	2		N2/030	
065	NTE	Note/Special Instruction	O	20			
<u>LOOP ID - 0310</u>						<u>1</u>	
070	N1	Name	O	1			
090	N3	Address Information	O	2			
100	N4	Geographic Location	O	1			
120	G61	Contact	O	3			
<u>LOOP ID - 0320</u>						<u>99</u>	
130	L5	Description, Marks and Numbers	O	1			
135	AT8	Shipment Weight, Packaging and Quantity Data	O	1			
<u>LOOP ID - 0350</u>						<u>999</u>	<u>N2/150L</u>
150	OID	Order Identification Detail	O	1		N2/150	
160	G62	Date/Time	O	2			

Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
010	L3	Total Weight and Charges	O	1		
020	SE	Transaction Set Trailer	M	1		

Not Defined:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
	GE	Functional Group Trailer	M	1		
	IEA	Interchange Control Trailer	M	1		

Notes:

- 1/140L 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.
- 1/140 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.
- 2/030 Use G62 segment either in loop 0300 or loop 0350, but not both.
- 2/150L 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.
- 2/150 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.

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ISA01	I01	Authorization Information Qualifier Description: Code to identify the type of information in the Authorization Information All valid standard codes are used.	M	ID	2/2	Must use
ISA02	I02	Authorization Information Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)	M	AN	10/10	Must use
ISA03	I03	Security Information Qualifier Description: Code to identify the type of information in the Security Information All valid standard codes are used.	M	ID	2/2	Must use
ISA04	I04	Security Information Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)	M	AN	10/10	Must use
ISA05	I05	Interchange ID Qualifier Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified Code Name ZZ Mutually Defined	M	ID	2/2	Must use
ISA06	I06	Interchange Sender ID Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element FDS NOTES: FDS TEST ID: FAMILYDOLLART FDS PRODUCTION ID: FAMILYDOLLAR	M	AN	15/15	Must use
ISA07	I05	Interchange ID Qualifier Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified Code All valid EDI Codes can be used.	M	ID	2/2	Must use
ISA08	I07	Interchange Receiver ID Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them	M	AN	15/15	Must use
ISA09	I08	Interchange Date Description: Date of the interchange	M	DT	6/6	Must use
ISA10	I09	Interchange Time Description: Time of the interchange	M	TM	4/4	Must use
ISA11	I10	Interchange Control Standards Identifier Description: Code to identify the agency	M	ID	1/1	Must use

responsible for the control standard used by the message that is enclosed by the interchange header and trailer

All valid standard codes are used.

ISA12	I11	Interchange Control Version Number Description: Code specifying the version number of the interchange control segments All valid standard codes are used.	M	ID	5/5	Must use
ISA13	I12	Interchange Control Number Description: A control number assigned by the interchange sender	M	N0	9/9	Must use
ISA14	I13	Acknowledgment Requested Description: Code sent by the sender to request an interchange acknowledgment (TA1)	M	ID	1/1	Must use
		Code Name 0 No Acknowledgment Requested				
ISA15	I14	Usage Indicator Description: Code to indicate whether data enclosed by this interchange envelope is test, production or information	M	ID	1/1	Must use
		Code Name P Production Data T Test Data				
ISA16	I15	Component Element Separator Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator	M		1/1	Must use

GS**Functional Group Header**

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

To indicate the beginning of a functional group and to provide control information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GS01	479	Functional Identifier Code Description: Code identifying a group of application related transaction sets	M	ID	2/2	Must use
		Code Name SM Motor Carrier Load Tender (204)				
GS02	142	Application Sender's Code Description: Code identifying party sending transmission; codes agreed to by trading partners	M	AN	2/15	Must use
		FDS NOTES: FDS TEST: FAMILYDOLLAR FDS PROD: FAMILYDOLLAR				
GS03	124	Application Receiver's Code Description: Code identifying party receiving transmission; codes agreed to by trading partners	M	AN	2/15	Must use
GS04	373	Date Description: Date expressed as CCYYMMDD	M	DT	8/8	Must use
GS05	337	Time Description: 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	TM	4/8	Must use
GS06	28	Group Control Number Description: Assigned number originated and maintained by the sender	M	N0	1/9	Must use
GS07	455	Responsible Agency Code Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480	M	ID	1/2	Must use
		Code Name X Accredited Standards Committee X12				
GS08	480	Version / Release / Industry Identifier Code Description: Code indicating the version, release, sub release, and industry identifier of the EDI standard being used, including the GS and GE segments	M	AN	1/12	Must use
		Code Name 004010 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997				

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

ST Transaction Set Header

Pos: 010	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

To indicate the start of a transaction set and to assign a control number

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ST01	143	Transaction Set Identifier Code Description: Code uniquely identifying a Transaction Set	M	ID	3/3	Must use
		Code Name				
		204 Motor Carrier Load Tender				
ST02	329	Transaction Set Control Number Description: 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	Must use

Semantics:

1. The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

B2 Beginning Segment for Shipment Information Transaction

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 3

To transmit basic data relating to shipment information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
B202	140	Standard Carrier Alpha Code Description: Standard Carrier Alpha Code	O	ID	2/4	Used				
B204	145	Shipment Identification Number Description: 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) FDS NOTES: <i>FDS SHIPMENT REFERENCE NUMBER NEEDS TO BE RETURNED ON THE EDI-214. THIS NUMBER IS GENERATED BY OUR TRANSPORTATION MANAGEMENT SYSTEM.</i>	O	AN	1/30	Used				
B206	146	Shipment Method of Payment Description: Code identifying payment terms for transportation charges <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>CC</td> <td>Collect</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	CC	Collect	M	ID	2/2	Must use
<u>Code</u>	<u>Name</u>									
CC	Collect									

Semantics:

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.

B2A Set Purpose

Pos: 030	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 1

To allow for positive identification of transaction set purpose

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
B2A01	353	Transaction Set Purpose Code Description: Code identifying purpose of transaction set	M	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		00 Original				
		01 Cancellation				

L11 Business Instructions and Reference Number

Pos: 080	Max: 50
Heading - Optional	
Loop: N/A	Elements: 2

To specify instructions in this business relationship or a reference number

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
L1101	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier FDS NOTES: FDS SHIPMENT REFERENCE NUMBER.	X	AN	1/30	Used				
L1102	128	Reference Identification Qualifier Description: Code qualifying the Reference Identification <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>ZZ</td> <td>Mutually Defined</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	ZZ	Mutually Defined	X	ID	2/3	Used
<u>Code</u>	<u>Name</u>									
ZZ	Mutually Defined									

Syntax:

1. R0103 - At least one of L1101,L1103 is required
2. P0102 - If either L1101,L1102 is present, then all are required

AT5 Bill of Lading Handling Requirements

Pos: 110	Max: 6
Heading - Optional	
Loop: N/A	Elements: 2

To identify Bill of Lading handling and service requirements

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
AT501	152	Special Handling Code Description: Code specifying special transportation handling instructions <u>Code</u> <u>Name</u> NC Notify Consignee Before Delivery	X	ID	2/3	Used
AT502	560	Special Services Code Description: Code identifying the special service <u>Code</u> <u>Name</u> NC Notify Consignee Before Delivery	X	ID	2/10	Used

Syntax:

1. E0103 - Only one of AT501,AT503 may be presented
2. E0203 - Only one of AT502,AT503 may be presented

Loop 0100

Pos: 140	Repeat: 5
Optional	
Loop: 0100	Elements: N/A

To identify a party by type of organization, name, and code

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>
140	N1	Name	O	1	
150	N2	Additional Name Information	O	1	
160	N3	Address Information	O	2	
170	N4	Geographic Location	O	1	

N1

Name

Pos: 140	Max: 1
Heading - Optional	
Loop: 0100	Elements: 2

To identify a party by type of organization, name, and code

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	Entity Identifier Code Description: Code identifying an organizational entity, a physical location, property or an individual	M	ID	2/3	Must use
		Code Name BT Bill-to-Party				
N102	93	Name Description: Free-form name	X	AN	1/60	Used

Syntax:

1. R0203 - At least one of N102,N103 is required
2. P0304 - If either N103,N104 is present, then all are required

N2**Additional Name Information**

Pos: 150	Max: 1
Heading - Optional	
Loop: 0100	Elements: 1

To specify additional names or those longer than 35 characters in length

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N201	93	Name Description: Free-form name	M	AN	1/60	Must use

N3

Address Information

Pos: 160	Max: 2
Heading - Optional	
Loop: 0100	Elements: 1

To specify the location of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N301	166	Address Information Description: Address information	M	AN	1/55	Must use

N4 Geographic Location

Pos: 170	Max: 1
Heading - Optional	
Loop: 0100	Elements: 4

To specify the geographic place of the named party

Element Summary:

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

Syntax:

1. C0605 - If N406 is present, then all of N405 are required

Loop 0300

Pos: 010	Repeat: 2
Mandatory	
Loop: 0300	Elements: N/A

To specify stop-off detail reference numbers and stop reason

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>
010	S5	Stop Off Details	M	1	
020	L11	Business Instructions and Reference Number	O	50	
030	G62	Date/Time	O	2	
065	NTE	Note/Special Instruction	O	20	
070		Loop 0310	O		1
130		Loop 0320	O		99
150		Loop 0350	O		999

S5 Stop Off Details

Pos: 010	Max:1
Detail - Mandatory	
Loop: 0300	Elements: 2

To specify stop-off detail reference numbers and stop reason

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>						
S501	165	Stop Sequence Number Description: Identifying number for the specific stop and the sequence in which the stop is to be performed FDS NOTES: <i>PICK-UP- "1"</i> <i>DELIVERY - "2"</i>	M	N0	1/3	Must use						
S502	163	Stop Reason Code Description: Code specifying the reason for the stop <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>CL</td> <td>Complete Load</td> </tr> <tr> <td>CU</td> <td>Complete Unload</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	CL	Complete Load	CU	Complete Unload	M	ID	2/2	Must use
<u>Code</u>	<u>Name</u>											
CL	Complete Load											
CU	Complete Unload											

Syntax:

1. P0304 - If either S503,S504 is present, then all are required
2. P0506 - If either S505,S506 is present, then all are required
3. P0708 - If either S507,S508 is present, then all are required

Semantics:

1. S509 is the stop reason description.

L11 Business Instructions and Reference Number

Pos: 020	Max: 50
Detail - Optional	
Loop: 0300	Elements: 2

To specify instructions in this business relationship or a reference number

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
L1101	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN	1/30	Used
L1102	128	Reference Identification Qualifier Description: Code qualifying the Reference Identification	X	ID	2/3	Used
		Code Name				
		CR Customer Reference Number				

Syntax:

1. R0103 - At least one of L1101,L1103 is required
2. P0102 - If either L1101,L1102 is present, then all are required

G62**Date/Time**

Pos: 030	Max: 2
Detail - Optional	
Loop: 0300	Elements: 5

To specify pertinent dates and times

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G6201	432	Date Qualifier Description: Code specifying type of date	X	ID	2/2	Used
		Code Name				
		10 Requested Ship Date/Pick-up Date				
		68 Requested Delivery Date				
G6202	373	Date Description: Date expressed as CCYYMMDD	X	DT	8/8	Used
G6203	176	Time Qualifier Description: Code specifying the reported time	X	ID	1/2	Used
		Code Name				
		Y Requested Pick Up Time				
		Z Requested Delivery Time				
G6204	337	Time Description: 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	Used
G6205	623	Time Code Description: 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	O	ID	2/2	Used
		Code Name				
		ES Eastern Standard Time				

Syntax:

1. R0103 - At least one of G6201,G6203 is required
2. P0102 - If either G6201,G6202 is present, then all are required
3. P0304 - If either G6203,G6204 is present, then all are required

NTE Note/Special Instruction

Pos: 065	Max: 20
Detail - Optional	
Loop: 0300	Elements: 2

To transmit information in a free-form format, if necessary, for comment or special instruction

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
NTE01	363	Note Reference Code Description: Code identifying the functional area or purpose for which the note applies	O	ID	3/3	Used
		Code Name ZZZ Mutually Defined				
NTE02	352	Description Description: A free-form description to clarify the related data elements and their content	M	AN	1/80	Must use

Loop 0310

Pos: 070	Repeat: 1
Optional	
Loop: 0310	Elements: N/A

To identify a party by type of organization, name, and code

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>
070	N1	Name	O	1	
090	N3	Address Information	O	2	
100	N4	Geographic Location	O	1	
120	G61	Contact	O	3	

N1**Name**

Pos: 070	Max: 1
Detail - Optional	
Loop: 0310	Elements: 4

To identify a party by type of organization, name, and code

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	Entity Identifier Code Description: Code identifying an organizational entity, a physical location, property or an individual	M	ID	2/3	Must use
		Code Name SH Shipper CN Consignee				
N102	93	Name Description: Free-form name	X	AN	1/60	Used
N103	66	Identification Code Qualifier Description: Code designating the system/method of code structure used for Identification Code (67)	X	ID	1/2	Used
		Code Name ZZ Mutually Defined				
N104	67	Identification Code Description: Code identifying a party or other code	X	AN	2/80	Used

Syntax:

1. R0203 - At least one of N102,N103 is required
2. P0304 - If either N103,N104 is present, then all are required

N3

Address Information

Pos: 090	Max: 2
Detail - Optional	
Loop: 0310	Elements: 1

To specify the location of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N301	166	Address Information Description: Address information	M	AN	1/55	Must use

N4 Geographic Location

Pos: 100	Max: 1
Detail - Optional	
Loop: 0310	Elements: 4

To specify the geographic place of the named party

Element Summary:

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

Syntax:

1. C0605 - If N406 is present, then all of N405 are required

G61 Contact

Pos: 120	Max: 3
Detail - Optional	
Loop: 0310	Elements: 4

To identify a person or office to whom communications should be directed

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G6101	366	Contact Function Code Description: Code identifying the major duty or responsibility of the person or group named <u>Code</u> <u>Name</u> IC Information Contact	M	ID	2/2	Must use
G6102	93	Name Description: Free-form name	M	AN	1/60	Must use
G6103	365	Communication Number Qualifier Description: Code identifying the type of communication number <u>Code</u> <u>Name</u> TE Telephone	X	ID	2/2	Used
G6104	364	Communication Number Description: Complete communications number including country or area code when applicable	X	AN	1/80	Used

Syntax:

1. P0304 - If either G6103, G6104 is present, then all are required

Loop 0320

Pos: 130	Repeat: 99
Optional	
Loop: 0320	Elements: N/A

To specify the line item in terms of description, quantity, packaging, and marks and numbers

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>
130	L5	Description, Marks and Numbers	O	1	
135	AT8	Shipment Weight, Packaging and Quantity Data	O	1	

L5**Description, Marks and Numbers**

Pos: 130	Max: 1
Detail - Optional	
Loop: 0320	Elements: 3

To specify the line item in terms of description, quantity, packaging, and marks and numbers

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
L502	79	Lading Description Description: Description of an item as required for rating and billing purposes	O	AN	1/50	Used
L503	22	Commodity Code Description: Code describing a commodity or group of commodities	X	AN	1/30	Used
L504	23	Commodity Code Qualifier Description: Code identifying the commodity coding system used for Commodity Code	X	ID	1/1	Used
		<u>Code</u> <u>Name</u>				
		N National Motor Freight Classification (NMFC)				

Syntax:

1. P0304 - If either L503,L504 is present, then all are required
2. C0706 - If L507 is present, then all of L506 are required
3. P0809 - If either L508,L509 is present, then all are required

AT8 Shipment Weight, Packaging and Quantity Data

Pos: 135	Max: 1
Detail - Optional	
Loop: 0320	Elements: 5

To specify shipment details in terms of weight, and quantity of handling units

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
AT801	187	Weight Qualifier Description: Code defining the type of weight	X	ID	1/2	Used
		<u>Code</u> <u>Name</u> G Gross Weight				
AT802	188	Weight Unit Code Description: Code specifying the weight unit	X	ID	1/1	Used
		<u>Code</u> <u>Name</u> L Pounds				
AT803	81	Weight Description: Numeric value of weight	X	R	1/10	Used
AT804	80	Lading Quantity Description: Number of units (pieces) of the lading commodity	O	N0	1/7	Used
		FDS NOTES: NOT UNITIZED				
AT805	80	Lading Quantity Description: Number of units (pieces) of the lading commodity	O	N0	1/7	Used
		FDS NOTES: UNITIZED				

Syntax:

1. P010203 - If either AT801,AT802,AT803 is present, then all are required
2. P0607 - If either AT806,AT807 is present, then all are required

Semantics:

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.

Loop 0350

Pos: 150	Repeat: 999
Optional	
Loop: 0350	Elements: N/A

To specify order identification detail

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>
150	OID	Order Identification Detail	O	1	
160	G62	Date/Time	O	2	

OID**Order Identification Detail**

Pos: 150	Max: 1
Detail - Optional	
Loop: 0350	Elements: 5

To specify order identification detail

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
OID02	324	Purchase Order Number Description: Identifying number for Purchase Order assigned by the orderer/purchaser	X	AN	1/22	Used
OID04	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	X	ID	2/2	Used
		Code Name				
		CA Case				
OID05	380	Quantity Description: Numeric value of quantity	X	R	1/15	Used
OID06	188	Weight Unit Code Description: Code specifying the weight unit	X	ID	1/1	Used
		Code Name				
		L Pounds				
OID07	81	Weight Description: Numeric value of weight	X	R	1/10	Used

Syntax:

1. R0102 - At least one of OID01,OID02 is required
2. C0302 - If OID03 is present, then all of OID02 are required
3. P0405 - If either OID04,OID05 is present, then all are required
4. P0607 - If either OID06,OID07 is present, then all are required
5. P0809 - If either OID08,OID09 is present, then all are required

Semantics:

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.

G62

Date/Time

Pos: 160	Max: 2
Detail - Optional	
Loop: 0350	Elements: 4

To specify pertinent dates and times

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G6201	432	Date Qualifier Description: Code specifying type of date	X	ID	2/2	Used
		Code Name				
		96 Scheduled Pick-up Date, Needs Confirmation				
G6202	373	Date Description: Date expressed as CCYYMMDD	X	DT	8/8	Used
		FDS NOTES: FDS: PO READY DATE.				
G6203	176	Time Qualifier Description: Code specifying the reported time	X	ID	1/2	Used
		Code Name				
		U Scheduled Pick Up Time				
G6204	337	Time Description: 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	Used

Syntax:

1. R0103 - At least one of G6201,G6203 is required
2. P0102 - If either G6201,G6202 is present, then all are required
3. P0304 - If either G6203,G6204 is present, then all are required

L3**Total Weight and Charges**

Pos: 010	Max: 1
Summary - Optional	
Loop: N/A	Elements: 3

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
L301	81	Weight Description: Numeric value of weight	X	R	1/10	Used
L302	187	Weight Qualifier Description: Code defining the type of weight	X	ID	1/2	Used
		Code Name				
		G Gross Weight				
L311	80	Lading Quantity Description: Number of units (pieces) of the lading commodity	O	N0	1/7	Used

Syntax:

1. P0102 - If either L301,L302 is present, then all are required
2. P0304 - If either L303,L304 is present, then all are required
3. P0910 - If either L309,L310 is present, then all are required
4. C1201 - If L312 is present, then all of L301 are required
5. P1415 - If either L314,L315 is present, then all are required

Semantics:

1. L305 is the total charges.

SE Transaction Set Trailer

Pos: 020	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	Number of Included Segments Description: Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Must use
SE02	329	Transaction Set Control Number Description: 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	Must use

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

To indicate the end of a functional group and to provide control information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GE01	97	Number of Transaction Sets Included Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	M	N0	1/6	Must use
GE02	28	Group Control Number Description: Assigned number originated and maintained by the sender	M	N0	1/9	Must use

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

IEA**Interchange Control Trailer**

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
IEA01	I16	Number of Included Functional Groups Description: A count of the number of functional groups included in an interchange	M	N0	1/5	Must use
IEA02	I12	Interchange Control Number Description: A control number assigned by the interchange sender	M	N0	9/9	Must use