C.H. ROBINSON

204 International Dray Intermodal Carrier Load Tender

X12/V4010/204: 204 Motor Carrier Load Tender

Version: 1.2 Final

Author:	**Carrier Connectivity EDI**
Modified:	**12/7/2020**
Notes:	**Added new L11 Values.**

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204 Motor Carrier Load Tender

Functional Group=SM

Purpose: 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:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
010	ST	Transaction Set Header	M	1			Must use
020	B2	Beginning Segment for Shipment Information Transaction	M	1			Must use
030	B2A	Set Purpose	M	1			Must use
080	L11	Business Instructions and Reference Number	O	50			Used
090	G62	Date/Time	O	1		N1/090	Used
100	MS3	Interline Information	O	1			Used
130	NTE	Note/Special Instruction	O	10			Used
LOOP ID - 0100					**5**	**N1/140L**	
140	N1	Name	O	1			Used
160	N3	Address Information	O	2			Used
170	N4	Geographic Location	O	1			Used
190	G61	Contact	O	3			Used
LOOP ID - 0200					**10**		
200	N7	Equipment Details	O	1			Used
210	M7	Seal Numbers	O	2			Used

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - 0300					**999**		
010	S5	Stop Off Details	M	1			Must use
020	L11	Business Instructions and Reference Number	O	50			Used
030	G62	Date/Time	O	2		N2/030	Used
065	NTE	Note/Special Instruction	O	20			Used
LOOP ID - 0310					**1**		
070	N1	Name	O	1			Used
090	N3	Address Information	O	2			Used
100	N4	Geographic Location	O	1			Used
120	G61	Contact	O	3			Used

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - 0350					**999**	**N2/150L**	
150	OID	Order Identification Detail	O	1			Used
160	G62	Date/Time	O	2			Not used
180	LAD	Lading Detail	O	999			Used
LOOP ID - 0360					**99**	**N2/190L**	
190	L5	Description, Marks and Numbers	O	1			Used
LOOP ID - 0365					**99**		
200	G61	Contact	O	1		N2/200	Used
LOOP ID - 0370					**25**		
203	LH1	Hazardous Identification Information	O	1			Used

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
010	L3	Total Weight and Charges	O	1			Used
020	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Notes:

1/090   Segment G62 in header is used to convey the must-respond-by date and time when responding to a 204 transaction.

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.

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.

2/190L   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.

2/200   The G61 segment contains the person or company to be contacted by the carrier in case of emergency.

ISA Interchange Control Header

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

User Option (Usage): Must use

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier**	M	ID	2/2	Must use

Description: Code to identify the type of information in the Authorization Information

All valid standard codes are used. (Total Codes: 7)

ISA02	I02	**Authorization Information**	M	AN	10/10	Must use

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)

ISA03	I03	**Security Information Qualifier**	M	ID	2/2	Must use

Description: Code to identify the type of information in the Security Information

All valid standard codes are used. (Total Codes: 2)

ISA04	I04	**Security Information**	M	AN	10/10	Must use

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)

ISA05	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use

Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified

Element Notes: *C.H. Robinson (CHR) qualifiers for both Test and Production: 02*

CodeList Summary (Total Codes: 38, Included: 1)

Code	Name
02	SCAC (Standard Carrier Alpha Code)

ISA06	I06	**Interchange Sender ID**	M	AN	15/15	Must use

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

Element Notes:

<u>CHR IDs</u>

Test: RBINTEST

Production: RBIN

ISA07	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use

Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified

All valid standard codes are used. (Total Codes: 38)

ISA08	I07	**Interchange Receiver ID**	M	AN	15/15	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		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				
ISA09	I08	**Interchange Date**	M	DT	6/6	Must use
		Description: Date of the interchange				
ISA10	I09	**Interchange Time**	M	TM	4/4	Must use
		Description: Time of the interchange				
ISA11	I10	**Interchange Control Standards Identifier**	M	ID	1/1	Must use
		Description: Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer **All valid standard codes are used. (Total Codes: 1)**				
ISA12	I11	**Interchange Control Version Number**	M	ID	5/5	Must use
		Description: Code specifying the version number of the interchange control segments **All valid standard codes are used. (Total Codes: 14)**				
ISA13	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				
ISA14	I13	**Acknowledgment Requested**	M	ID	1/1	Must use
		Description: Code sent by the sender to request an interchange acknowledgment (TA1) **All valid standard codes are used. (Total Codes: 2)**				
ISA15	I14	**Usage Indicator**	M	ID	1/1	Must use
		Description: Code to indicate whether data enclosed by this interchange envelope is test, production or information				

CodeList Summary (Total Codes: 3, Included: 1)

Code	Name
P	Production Data

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA16	I15	**Component Element Separator**	M		1/1	Must use
		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				

GS   **Functional Group Header**

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

User Option (Usage): Must use

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code**	M	ID	2/2	Must use

Description: Code identifying a group of application related transaction sets

CodeList Summary (Total Codes: 240, Included: 1)

Code	Name
SM	Motor Carrier Load Tender (204)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS02	142	**Application Sender's Code**	M	AN	2/15	Must use

Description: Code identifying party sending transmission; codes agreed to by trading partners

Element Notes:

CHR IDs

Test: RBINTEST

Production: RBIN

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS03	124	**Application Receiver's Code**	M	AN	2/15	Must use

Description: Code identifying party receiving transmission; codes agreed to by trading partners

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS04	373	**Date**	M	DT	8/8	Must use

Description: Date expressed as CCYYMMDD

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS05	337	**Time**	M	TM	4/8	Must use

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)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS06	28	**Group Control Number**	M	N0	1/9	Must use

Description: Assigned number originated and maintained by the sender

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS07	455	**Responsible Agency Code**	M	ID	1/2	Must use

Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480

All valid standard codes are used. (Total Codes: 2)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS08	480	**Version / Release / Industry Identifier Code**	M	AN	1/12	Must use

Description: Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed

CodeList Summary (Total Codes: 39, Included: 1)

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.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST Transaction Set Header

<table>
<tr><td>Pos: 010</td><td>Max: 1</td></tr>
<tr><td colspan="2">Heading - Mandatory</td></tr>
<tr><td>Loop: N/A</td><td>Elements: 2</td></tr>
</table>

User Option (Usage): Must use

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use

    Description: Code uniquely identifying a Transaction Set

    All valid standard codes are used. (Total Codes: 298)

ST02	329	**Transaction Set Control Number**	M	AN	4/9	Must use

    Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

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).

Segment/Loop Notes:

Sample Pick Up (Export) load:
*ISA*00*   *00*   *02*RBIN   *02*SCAC*
*190805*0959*U*00401*000001732*0*P*}*
*GS*SM*RBIN*SCAC*20190805*0959*516*X*004010*
*ST*204*0829*
*B2**SCAC**296700851**PP*
*B2A*00*
*L11*OIPU*SI*
*L11*20FT*EQ*
*L11*NAM3533449*BN*
*L11*TRLU9148439*OC*
*L11*CMA CGM AMAZON*WU*
*L11*0TU7YN1MA*V3*
*L11*T5370548*VD*
*G62*CA*20190805*
*MS3*RBIN*B*Port of Savannah*X*GA*
*NTE*EED*PU MT: 20FT*
*NTE*OTH*Please consign inland bill of lading to CMA-CGM Inc (INTL), Booking # NAM353344*
*NTE*OTH*9 To ensure prompt payment, an invoice must accompany all billing with the Carri*
*NTE*OTH*er Name and CHR #.   Thank you, Shonese Jones   Email Shonese.Jones@chrobins*
*NTE*OTH*on.com*
*N1*SH*C.H. ROBINSON INC.*
*G61*CN*SHONESE JONES*TE*8652466900*

*G61*CN*SHONESE JONES*FX*8652466950*
*N1*BT*Knoxville GF I*93*0622*
*N3*800 S Gay St Ste 900*
*N4*Knoxville*TN*37929-9729*
*N1*9B*Port of Savannah*
*N4*SAVANNAH*GA*31401*
*N7**TRLU914843*38468*G*******CN****0020***9**0*0*
*M7*13551*
*S5*1*LD*
*L11*0*FSN*
*G62*38*20190805*
*NTE*SPH*LIVE LOAD!!*
*N1*SF*Kordsa Inc*93*W6058507*
*N3*4501 North Accesss Rd*
*N4*Chattanooga*TN*37415*US*
*G61*CN*TIM BRICKLEY*TE*4236430000*
*OID**62453**BG*1*L*38467.81*E*882.87*
*LAD*******SK*4211XC00000110001*
*L5*1*Nylon Flake*
*S5*2*DR*
*L11*1*FSN*
*G62*68*20190805*
*G62*54*20190809*L*1600*
*N1*RO*Port of Savannah*93*W1124125*
*N4*SAVANNAH*GA*31401*US*
*G61*CN*Port*TE*9129643811*
*L3*38468*G*1*FR*******1*
*SE*47*0829*
*GE*1*516*
*IEA*1*000001732*

Sample Delivery (Import) load:
*IISA*00*   *00*   *02*RBIN   *02*SCAC*
**190708*1403*U*00401*000005255*0*P*}*
*GS*SM*RBIN*SCAC*20190708*1403*772*X*004010*
*ST*204*0854*
*B2**SCAC**296303191**CC*
*B2A*00*
*L11*OIDL*SI*
*L11*20FT*EQ*
*L11*NB9BE9386800*BN*
*L11*TRHU3553117*OC*
*L11*ONEYNB9BE9386800*MB*
*L11*OCEAN NETWORK EXPRESS (ONE)*ABS*
*L11*296303191*KK*
*L11*ONE ARCADIA*WU*

L11*042E*V3
L11*T5332796*VD
MS3*RBIN*B*West Basin Container Terminal *X*CA
NTE*EED*PU MT: 20FT
NTE*DEE*Import: Destination Terminal ETA
NTE*OTH*4500330997_4500330999_4500330998_4500330996_4500331306_4500331316_4500331328_450
NTE*OTH*0331336_4500332440 To ensure prompt payment, an invoice must accompany all billi
NTE*OTH*ng with the Carrier Name and CHR #.   Thank you, Daisy Jara   Email Daisy.Ja
NTE*OTH*ra@chrobinson.com
N1*SH*C.H. ROBINSON INC.
G61*CN*DAISY JARA*TE*6302747950
G61*CN*DAISY JARA*FX*6302747955
N1*BT*CHRW INTL Dray Payables*93*7506
N3*LOADDOCS@CHROBINSON.COM*PO BOX 5550
N4*Coralville*IA*52241
N7**TRHU355311*15512*G*******CN****0020***7**0*0
M7*CNAH55214
S5*1*DR
L11*4*FSN
G62*38*20190716*K*0000
N1*RD*West Basin Container Terminal Y773*93*W4934576
N3*2050 John S. Gibson Blvd.*Berth 126
N4*San Pedro*CA*90731*US
G61*CN*NA*TE*8887440000
S5*2*UL
L11*1*FSN
NTE*SPH*LIVE LOAD!!
NTE*SPH*Must Schedule Delivery
N1*ST*Spin Master C/O DSV*93*W14565819
N3*8291 Milliken Ave
N4*RANCHO CUCAMONGA*CA*91730-3926*US
G61*CN*BOLs*TE*9093490000
OID**4500330997**CT*823*L*1397.07*E*214.36
LAD******SK*1072084
L5*1*CGI KPZ Lic Kids 100pc TwrPzl GBL4pkM01
OID**4500330999**CT*495*L*927.58*E*134.55
LAD******SK*1072078
L5*2*CGI KPZ Lic 24pc TowerPzlAst GBL4pkM01
OID**4500330998**CT*919*L*1418.21*E*249.67
LAD******SK*1072082
L5*3*CGI KPZ Lic 48pc TowerPzlAst GBL4pkM01
OID**4500330996**CT*194*L*1625.22*E*78.05
LAD******SK*1072096
L5*4*CGI KPZ YouTubeKids WdSdPz CDU GBL6pkM01

OID**4500331316**CT*14*L*120.37*E*10.59
LAD******SK*1060286
L5*5*CGI CLG FoldinCribbage TrdnBx GEN6pkM02
OID**4500331328**CT*133*L*2697.53*E*74.51
LAD******SK*1055869
L5*6*CGI CLG 300 11.5g Poker Eet GEN2pkM02
OID**4500331336**CT*155*L*1366.84*E*60.21
LAD******SK*1054552
L5*7*CGI DOM MxTrnDomAlmCsBkGd WLMX NEN2pkSLD
OID**4500332440**CT*127*L*1455.91*E*21.54
LAD******SK*1039895
L5*8*CGI CLG 100 11.5Gram Poker Set NEN4pkSLD
OID**4500333946**CT*125*L*367.95*E*24.01
LAD******SK*1069908
L5*9*CGI AGM Goat on a Boat GBC4pkSLD
OID**4500330979**CT*280*L*827.16*E*32.38
LAD******SK*1072310
L5*10*CGI CLG 100pc 2.0gPokerChips GEN6pkSLD
OID**4500304462**CT*484*L*3307.76*E*100.01
LAD******SK*1061240
L5*11*CGI AGM No Trumps Card Game GBC6pkSLD
L3*15512*G*1*FR******3749
SE*78*0854
GE*1*772
IEA*1*000005255

Sample: Domestic Pick Up Order (IPU)
ST*204*92880001
B2**XXXX**38348119**PP
B2A*00
L11*IDL*SI
L11*APCU*PID
L11*180.00*22*400-Line Haul
L11*45.00*22*405-Fuel Surcharge (IMDL)
G62*64*20070108*1*1707
MS3*APLS*B*UP MONTEBELLO*X*CA
NTE*EED*ProgramType: APCU
NTE*PMT*SEND INVOICES TO: C.H. ROBINSON INTERMODAL ATTN: DRAY PAYABLES
NTE*PMT*PO BOX 5580 CORALVILLE, IA 52241 FAX # (800) 316-8130
NTE*PMT*MUST HAVE SIGNED BOL WITH IN/OUT TIMES
N1*SH*C.H. ROBINSON INC.
G61*CN*EDDY SHAHEEN*TE*6305771700*AFT HRS 6306053654
G61*CN*EDDY SHAHEEN*FX*6305770178
G61*CN*EDDY SHAHEEN*EM*273-WEST@CHROBINSON.COM
N1*SF*The Clorox Sales Co
N3*1113 Maryland Avenue*C/O Rockline Ind
N4*Sheboygan*WI*53081

N1*RO*UP Global 1
N3*1425 S. Western Ave.
N4*Chicago*IL*60608
N7**APCU537395*42960*G*******CN****0053*****0*0
S5*1*DR
L11*3*FSN
NTE*WHI*SATELLITE RAMP FOR UP OVERFLOW TRAFFIC FROM ARMOURDALE, COUNCIL
BLUFFS, DENVER,
NTE*WHI*DUPO AND SALT LAKE CITY.
N1*RD*UP MONTEBELLO*93*W2008449
N3*329 VAN NORMAN ROAD
N4*Montebello*CA*90640*USA
G61*CN*GENERAL CONTACT NUMBER*TE*5629497279
S5*2*UL
L11*1*FSN
NTE*SPH*LIVE LOAD!! No Touch
NTE*SPH*Must Schedule Delivery
NTE*WHI*For Outbounds Ext 222 Jennifer
NTE*WHI*IF you are not CHR ATLANTA. DO NOT CALL this receiver. PLEASE!!!
NTE*WHI*MUST DELIVER ON TIME>>>>CARRIER WILL BE FINED $250 FOR MISSED DELIVERY
APPTS>>>>
NTE*WHI*External LocationNum: SEON13
NTE*WHI*Name: SERVICECRAFT
NTE*WHI*Address: 5600 E FRANCIS STREET
NTE*WHI*Address:
NTE*WHI*City/St/Zip: ONTARIO, CA 91761
NTE*WHI*(909) 390-3566
N1*ST*Servicecraft*93*00913803300BZ
N3*5600 E Francis St
N4*Ontario*CA*91761*USA
G61*CN*Carl*TE*8886044294
OID**1001332094****L*42960
L5*1*MISC
L3*42960*G*1*FR*22500*4500*4500*405***4200
8/6/2019 Motor Carrier Load Tender - 204
204 Intermodal Dray Carrier Specs.ecs 4 For internal use only
SE*53*92880001

Sample Domestic Delivery Order (IDL):
ST*204*92890001
B2**XXXX**38367927**PP
B2A*00
L11*IDL*SI
L11*APCU*PID
L11*160.00*22*400-Line Haul

L11*40.00*22*405-Fuel Surcharge (IMDL)
G62*64*20070108*1*1730
MS3*APLS*B*UP City of Industry*X*CA
NTE*EED*ProgramType: APCU
NTE*PMT*SEND INVOICES TO: C.H. ROBINSON INTERMODAL ATTN: DRAY PAYABLES
NTE*PMT*PO BOX 5580 CORALVILLE, IA 52241 FAX # (800) 316-8130
NTE*PMT*MUST HAVE SIGNED BOL WITH IN/OUT TIMES
N1*SH*C.H. ROBINSON INC.
G61*CN*EDDY SHAHEEN*TE*6305771700*AFT HRS 6306053654
G61*CN*EDDY SHAHEEN*FX*6305770178
G61*CN*EDDY SHAHEEN*EM*273-WEST@CHROBINSON.COM
N1*SF*Green Bay Packaging
N3*3250 S Ridge Road
N4*Green Bay*WI*54304
N1*RO*UP Global 1
N3*1425 S. Western Ave.
N4*Chicago*IL*60608
N7**PACU894544*43500*G*******CN****0053*****0*0
S5*1*DR
L11*3*FSN
NTE*WHI*clerks desk at up-coind 626 935 7502
NTE*WHI*additional # 626 935 7501
NTE*WHI*john palamino...csx safety and claims representative on site at the ramp. 626 9
NTE*WHI*35 7501
N1*RD*UP City of Industry*93*W643702
N3*650 Stimson Ave.
N4*City Of Industry*CA*91745*USA
G61*CN*NT*TE*6269357502
S5*2*UL
L11*1*FSN
NTE*SPH*LIVE LOAD!! No Touch
NTE*SPH*Must Schedule Delivery
N1*ST*Green Bay Packaging*93*01
N3*10727 7th Street, Suite A*LA Coated Products Division
N4*Rancho Cucamonga*CA*91730*USA
G61*CN*Luis*TE*9094663501
OID**PO UNAVAILABLE****L*43500
L5*1*paper product
L3*43500*G*1*FR*20000*4000*4000*405***0
SE*46*92890001

B2 Beginning Segment for Shipment Information Transaction

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 6

User Option (Usage): Must use

Purpose: To transmit basic data relating to shipment information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
B201	375	**Tariff Service Code**	O	ID	2/2	Not used

Description: Code specifying the types of services for rating purposes

All valid standard codes are used. (Total Codes: 79)

B202	140	**Standard Carrier Alpha Code**	O	ID	2/4	Must use

Description: Standard Carrier Alpha Code

B203	154	**Standard Point Location Code**	O	ID	6/9	Not used

Description: Code (Standard Point Location) defined by NMFTA point development group as the official code assigned to a city or point (for ratemaking purposes) within a city

B204	145	**Shipment Identification Number**	O	AN	1/30	Must use

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)

Element Notes:

B2/04 is the CHR load number. It is mandatory to return the load number on the 990 and 214.

990:
B1/02   Example: B1*SCAC*300086530*20070511*A

214:
B10/02   Example: B10*512840*300086530*SCAC
L11 with 'AG' qualifier (header level)   Example: L11*300086530*AG

B205	188	**Weight Unit Code**	O	ID	1/1	Not used

Description: Code specifying the weight unit

All valid standard codes are used. (Total Codes: 8)

B206	146	**Shipment Method of Payment**	M	ID	2/2	Must use

Description: Code identifying payment terms for transportation charges

CodeList Summary (Total Codes: 28, Included: 3)

Code	Name
CC	Collect
PP	Prepaid (by Seller)
TP	Third Party Pay

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.

Comments:

1. B202 is mandatory for transaction set 204.
2. B209 is mandatory for rail transactions.

B2A Set Purpose

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

User Option (Usage): Must use

Purpose: To allow for positive identification of transaction set purpose

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
B2A01	353	**Transaction Set Purpose Code**	M	ID	2/2	Must use

Description: Code identifying purpose of transaction set

CodeList Summary (Total Codes: 65, Included: 3)

Code	Name
00	Original
01	Cancellation
04	Change

L11 Business Instructions and Reference Number

<table>
<tr><td>Pos: 080</td><td>Max: 50</td></tr>
<tr><td colspan="2">Heading - Optional</td></tr>
<tr><td>Loop: N/A</td><td>Elements: 3</td></tr>
</table>

User Option (Usage): Used

Purpose: To specify instructions in this business relationship or a reference number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
L1101	127	**Reference Identification**	X	AN	1/30	Used

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Ref	Id	Element Name	Req	Type	Min/Max	Usage
L1102	128	**Reference Identification Qualifier**	X	ID	2/3	Used

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1503, Included: 14)

Code	Name
22	Special Charge or Allowance Code
BN	Booking Number
EQ	Equipment Number
KK	Delivery Reference
LU	Location Number
MB	Master Bill of Lading
OC	Ocean Container Number
SI	Shipper's Identifying Number for Shipment (SID)
V3	Voyage Number
VD	Carrier's CH Robinson account number
WU	Vessel
ABS	Vessel Operator (SSL) Name
PID	Program Identification Number
RSN	Reservation Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
L1103	352	**Description**	X	AN	1/80	Used

Description: A free-form description to clarify the related data elements and their content

Element Notes:

Used with Special Charge or Allowance Code Qualifier.

Syntax Rules:

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

Segment/Loop Notes:

L11 with 'KK' qualifier represents the CHR Parent Load Number

L11 with 'SI' qualifier represents the CHR Movement Type:
OIDL - Delivery Order (Import), OIPU - Pick Up Order (Export)

It is mandatory to return the movement type on the 990 & 214:
990
B1*SCAC*300086530*20070511*A
N9*SI*OIDL

214
B10*512840*300086530*SCAC
L11*300086530AG
L11*OIDL*SI

G62 **Date/Time**

Pos: 090	Max: 1
Heading - Optional	
Loop: N/A	Elements: 4

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6201	432	**Date Qualifier**	X	ID	2/2	Used

Description: Code specifying type of date

CodeList Summary (Total Codes: 137, Included: 3)

Code	Name
56	Actual Free Time Expiration Date
64	Must Respond By
CA	Cutoff Date

G6202	373	**Date**	X	DT	8/8	Used

Description: Date expressed as CCYYMMDD

G6203	176	**Time Qualifier**	X	ID	1/2	Used

Description: Code specifying the reported time

CodeList Summary (Total Codes: 42, Included: 1)

Code	Name
1	Must Respond By

G6204	337	**Time**	X	TM	4/8	Used

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)

Syntax Rules:

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

Segment/Loop Notes:

CA - Cutoff Date for container to make steam ship line.

MS3 Interline Information

Pos: 100	Max: 1
Heading - Optional	
Loop: N/A	Elements: 5

User Option (Usage): Used

Purpose: To identify the interline carrier and relevant data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MS301	140	**Standard Carrier Alpha Code**	M	ID	2/4	Must use
		Description: Standard Carrier Alpha Code				
MS302	133	**Routing Sequence Code**	M	ID	1/2	Must use
		Description: Code describing the relationship of a carrier to a specific shipment movement				

CodeList Summary (Total Codes: 23, Included: 1)

Code	Name
B	Origin/Delivery Carrier (Any Mode)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MS303	19	**City Name**	X	AN	2/30	Used
		Description: Free-form text for city name				
MS304	91	**Transportation Method/Type Code**	O	ID	1/2	Used
		Description: Code specifying the method or type of transportation for the shipment				

CodeList Summary (Total Codes: 71, Included: 1)

Code	Name
X	Intermodal (Piggyback)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MS305	156	**State or Province Code**	O	ID	2/2	Used
		Description: Code (Standard State/Province) as defined by appropriate government agency				

Syntax Rules:

1. C0503 - If MS305 is present, then MS303 is required.

Semantics:

1. MS301 is the Standard Carrier Alpha Code (SCAC) of the interline carrier.
2. MS303 is the city where the interline was performed.

NTE Note/Special Instruction

Pos: 130   Max: 10
Heading - Optional
Loop: N/A   Elements: 2

User Option (Usage): Used

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
NTE01	363	**Note Reference Code**	O	ID	3/3	Used

Description: Code identifying the functional area or purpose for which the note applies

CodeList Summary (Total Codes: 241, Included: 3)

Code	Name
DEE	Event Description
EED	Equipment Description
OTH	Other Instructions

Ref	Id	Element Name	Req	Type	Min/Max	Usage
NTE02	352	**Description**	M	AN	1/80	Used

Description: A free-form description to clarify the related data elements and their content

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.

Loop Name

<table>
<tr><td>Pos: 140</td><td>Repeat: 5</td></tr>
<tr><td colspan="2" align="center">Optional</td></tr>
<tr><td>Loop: 0100</td><td>Elements: N/A</td></tr>
</table>

User Option (Usage): Used

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

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
140	N1	Name	O	1		Used
160	N3	Address Information	O	2		Used
170	N4	Geographic Location	O	1		Used
190	G61	Contact	O	3		Used

N1 Name

<div style="border: 1px solid black;">

Pos: 140   **Max: 1**

Heading - Optional

Loop: 0100   **Elements: 4**

</div>

User Option (Usage): Used

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use

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

CodeList Summary (Total Codes: 1312, Included: 8)

Code	Name
9B	Country of Export
9C	Country of Destination
BT	Bill-to-Party
CN	Consignee
RD	Destination Intermodal Ramp
RO	Original Intermodal Ramp
SF	Ship From
SH	Shipper

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N102	93	**Name**	X	AN	1/60	Used

Description: Free-form name

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N103	66	**Identification Code Qualifier**	X	ID	1/2	Used

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

CodeList Summary (Total Codes: 215, Included: 1)

Code	Name
93	Code assigned by the organization originating the transaction set

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N104	67	**Identification Code**	X	AN	2/80	Used

Description: Code identifying a party or other code

Syntax Rules:

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

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.

Segment/Loop Notes:

For International Bill-To N104 is the CHR branch number

*example: N1*BT*CHRW INTL Dray Payables*93*7506*

N3   Address Information

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

User Option (Usage): Used

Purpose: To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information**	M	AN	1/55	Must use
		Description: Address information				
N302	166	**Address Information**	O	AN	1/55	Used
		Description: Address information				

N4 Geographic Location

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

User Option (Usage): Used

Purpose: To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name**	O	AN	2/30	Used

Description: Free-form text for city name

N402	156	**State or Province Code**	O	ID	2/2	Used

Description: Code (Standard State/Province) as defined by appropriate government agency

N403	116	**Postal Code**	O	ID	3/15	Used

Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)

N404	26	**Country Code**	O	ID	2/3	Used

Description: Code identifying the country

Syntax Rules:

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

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.

G61 **Contact**

Pos: 190	Max: 3
Heading - Optional	
Loop: 0100	Elements: 5

User Option (Usage): Used

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6101	366	**Contact Function Code**	M	ID	2/2	Must use

Description: Code identifying the major duty or responsibility of the person or group named

CodeList Summary (Total Codes: 230, Included: 1)

Code	Name
CN	General Contact

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6102	93	**Name**	M	AN	1/60	Must use

Description: Free-form name

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6103	365	**Communication Number Qualifier**	X	ID	2/2	Used

Description: Code identifying the type of communication number

CodeList Summary (Total Codes: 40, Included: 3)

Code	Name
EM	Electronic Mail
FX	Facsimile
TE	Telephone

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6104	364	**Communication Number**	X	AN	1/80	Used

Description: Complete communications number including country or area code when applicable

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6105	443	**Contact Inquiry Reference**	O	AN	1/20	Used

Description: Additional reference number or description to clarify a contact number

Element Notes:

After hours contact number if available.

Syntax Rules:

1. P0304 - If either G6103 or G6104 is present, then the other is required.

Comments:

1. G6103 qualifies G6104.

Loop Equipment Details

Pos: 200	**Repeat: 10**
Optional	
Loop: 0200	**Elements: N/A**

User Option (Usage): Used

Purpose: To identify the equipment

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
200	N7	Equipment Details	O	1		Used
210	M7	Seal Numbers	O	2		Used

N7 Equipment Details

Pos: 200	**Max: 1**
Heading - Optional	
Loop: 0200	**Elements: 21**

User Option (Usage): Used

Purpose: To identify the equipment

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N701	206	**Equipment Initial**	O	AN	1/4	Not used

Description: Prefix or alphabetic part of an equipment unit's identifying number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N702	207	**Equipment Number**	M	AN	1/10	Must use

Description: Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)

Element Notes:

Equipment Number is 4 Alpha, 6 Numeric

ZZZZ = Equipment Number is not known at time of tender.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N703	81	**Weight**	X	R	1/10	Must use

Description: Numeric value of weight

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N704	187	**Weight Qualifier**	X	ID	1/2	Must use

Description: Code defining the type of weight

CodeList Summary (Total Codes: 51, Included: 1)

Code	Name
G	Gross Weight

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N705	167	**Tare Weight**	X	N0	3/8	Not used

Description: Weight of the equipment

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N706	232	**Weight Allowance**	O	N0	2/6	Not used

Description: Allowance made for increased weight due to such factors as snow

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N707	205	**Dunnage**	O	N0	1/6	Not used

Description: Weight of material used to protect lading (even bracings, false floors, etc.)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N708	183	**Volume**	X	R	1/8	Not used

Description: Value of volumetric measure

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N709	184	**Volume Unit Qualifier**	X	ID	1/1	Not used

Description: Code identifying the volume unit
All valid standard codes are used. (Total Codes: 16)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N710	102	**Ownership Code**	O	ID	1/1	Not used

Description: Code indicating the relationship of equipment to carrier or ownership of equipment
All valid standard codes are used. (Total Codes: 5)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N711	40	**Equipment Description Code**	O	ID	2/2	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage

Description: Code identifying type of equipment used for shipment

CodeList Summary (Total Codes: 134, Included: 3)

Code	Name
CN	Container
CZ	Refrigerated Container
TL	Trailer (not otherwise specified)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N712	140	**Standard Carrier Alpha Code**	O	ID	2/4	Not used

Description: Standard Carrier Alpha Code

| N713 | 319 | **Temperature Control** | O | AN | 3/6 | Not used |

Description: Free-form abbreviation of temperature range or flash-point temperature

| N714 | 219 | **Position** | O | AN | 1/3 | Not used |

Description: Relative position of shipment in car, trailer, or container (mutually defined)

| N715 | 567 | **Equipment Length** | O | N0 | 4/5 | Must use |

Description: 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)

| N716 | 571 | **Tare Qualifier Code** | X | ID | 1/1 | Not used |

Description: Code identifying the type of tare
All valid standard codes are used. (Total Codes: 2)

| N717 | 188 | **Weight Unit Code** | O | ID | 1/1 | Not used |

Description: Code specifying the weight unit
All valid standard codes are used. (Total Codes: 8)

| N718 | 761 | **Equipment Number Check Digit** | O | N0 | 1/1 | Used |

Description: Number which designates the check digit applied to a piece of equipment
Element Notes:
Check digit is returned in the MS2/04 on the 214.

| N719 | 56 | **Type of Service Code** | O | ID | 2/2 | Not used |

Description: Code specifying extent of transportation service requested
All valid standard codes are used. (Total Codes: 18)

| N720 | 65 | **Height** | O | R | 1/8 | Used |

Description: Vertical dimension of an object measured when the object is in the upright position

| N721 | 189 | **Width** | O | R | 1/8 | Used |

Description: Shorter measurement of the two horizontal dimensions measured with the object in the upright position

Syntax Rules:

1. P0304 - If either N703 or N704 is present, then the other is required.
2. P0516 - If either N705 or N716 is present, then the other is required.
3. P0809 - If either N708 or N709 is present, then the other is required.

Semantics:

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.

M7 Seal Numbers

Pos: 210   **Max: 2**
Heading - Optional
Loop: 0200   **Elements: 5**

User Option (Usage): Used

Purpose: To record seal numbers used and the organization that applied the seals

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
M701	225	**Seal Number**	M	AN	2/15	Used

          Description: Unique number on seal used to close a shipment

          Element Notes: *M7 is Mandatory for International Shipments*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
M702	225	**Seal Number**	O	AN	2/15	Not used

          Description: Unique number on seal used to close a shipment

Ref	Id	Element Name	Req	Type	Min/Max	Usage
M703	225	**Seal Number**	O	AN	2/15	Not used

          Description: Unique number on seal used to close a shipment

Ref	Id	Element Name	Req	Type	Min/Max	Usage
M704	225	**Seal Number**	O	AN	2/15	Not used

          Description: Unique number on seal used to close a shipment

Ref	Id	Element Name	Req	Type	Min/Max	Usage
M705	98	**Entity Identifier Code**	O	ID	2/3	Not used

          Description: Code identifying an organizational entity, a physical location, property or an individual
          All valid standard codes are used. (Total Codes: 1312)

Comments:

1. M705 indicates the name of the organization which applied the seal(s).

Loop Stop Off Details

Pos: 010	Repeat: 999
Mandatory	
Loop: 0300	Elements: N/A

User Option (Usage): Must use

Purpose: To specify stop-off detail reference numbers and stop reason

Loop Summary:

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

S5 **Stop Off Details**

<table>
<tr><td>Pos: 010</td><td>Max: 1</td></tr>
<tr><td colspan="2">Detail - Mandatory</td></tr>
<tr><td>Loop: 0300</td><td>Elements: 2</td></tr>
</table>

User Option (Usage): Must use

Purpose: To specify stop-off detail reference numbers and stop reason

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
S501	165	**Stop Sequence Number**	M	N0	1/3	Must use

Description: Identifying number for the specific stop and the sequence in which the stop is to be performed

Element Notes:

99 = Cancel 204

S501 is the Carrier's Stop number

L11*FSN is the C.H. Robinson Stop Number

S502	163	**Stop Reason Code**	M	ID	2/2	Must use

Description: Code specifying the reason for the stop

Element Notes:

ZZ = Cancel 204

RT = Drop Trailer @ Pick-up Location
DT = Drop Trailer @ Delivery Location

CodeList Summary (Total Codes: 19, Included: 5)

Code	Name
DR	Deramp and Ramp for Subsequent Loading
DT	Drop Trailer
LD	Load
RT	Retrieval of Trailer
UL	Unload

Syntax Rules:

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

Semantics:

1. S509 is the stop reason description.

L11 Business Instructions and Reference Number

Pos: 020	**Max: 50**
Detail - Optional	
Loop: 0300	**Elements: 3**

User Option (Usage): Used

Purpose: To specify instructions in this business relationship or a reference number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
L1101	127	**Reference Identification**	X	AN	1/30	Used

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Ref	Id	Element Name	Req	Type	Min/Max	Usage
L1102	128	**Reference Identification Qualifier**	X	ID	2/3	Used

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1503, Included: 3)

Code	Name
DO	Delivery Order Number
PU	Pick Up Number
FSN	Assigned Sequence Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
L1103	352	**Description**	X	AN	1/80	Not used

Description: A free-form description to clarify the related data elements and their content

Syntax Rules:

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

Segment/Loop Notes:

L11 with 'FSN' qualifier represents the CHR Stop Sequence Number. This may be different from carrier stop number.

*It is mandatory to return the L11*FSN CHR Stop Sequence Number in the 214:*

*ST*214*0001~*

*B10*ID0081869/001*300086530*ABCD~*

*L11*300086530*AG~*

*L11*OIDL*SI~*

*LX*1~*

*AT7*X1*NS***20190716*0712*LT~*

*MS1*CHERRYVILLE*NC*US~*

*MS2*ABCD*TGHU522175~*

*L11*OIDL*SI*

*L11*4*FSN*

*SE*10*0001~*

G62 **Date/Time**

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

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6201	432	**Date Qualifier**	X	ID	2/2	Used

Description: Code specifying type of date

CodeList Summary (Total Codes: 137, Included: 4)

Code	Name
10	Requested Ship Date/Pick-up Date
38	Ship Not Later Than Date
54	Deliver No Later Than Date
68	Requested Delivery Date

G6202	373	**Date**	X	DT	8/8	Used

Description: Date expressed as CCYYMMDD

G6203	176	**Time Qualifier**	X	ID	1/2	Used

Description: Code specifying the reported time

CodeList Summary (Total Codes: 42, Included: 4)

Code	Name
4	Pickup Requested Scheduled Time
5	Delivery Requested Scheduled Time
K	Latest Requested Pick Up Time
L	Latest Requested Delivery Time

G6204	337	**Time**	X	TM	4/8	Used

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)

G6205	623	**Time Code**	O	ID	2/2	Not used

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
All valid standard codes are used. (Total Codes: 51)

Syntax Rules:

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

Segment/Loop Notes:

If appointment dates are not available, an NTE segement will be sent indicating to schedule the
appointment.

NTE Note/Special Instruction

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

User Option (Usage): Used

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
NTE01	363	**Note Reference Code**	O	ID	3/3	Used

    Description: Code identifying the functional area or purpose for which the note applies

    CodeList Summary (Total Codes: 241, Included: 3)

Code	Name
EED	Equipment Description
SPH	Special Handling
WHI	Warehouse Instruction

Ref	Id	Element Name	Req	Type	Min/Max	Usage
NTE02	352	**Description**	M	AN	1/80	Must use

    Description: A free-form description to clarify the related data elements and their content

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.

Segment/Loop Notes:

NTE*SPH*LIVE LOAD!!
NTE*SPH*DROP TRAILER

Loop Name

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

User Option (Usage): Used

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

Loop Summary:

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

N1   Name

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

User Option (Usage): Used

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use

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

        CodeList Summary (Total Codes: 1312, Included: 6)

Code	Name
DT	Destination Terminal
OT	Origin Terminal
RD	Destination Intermodal Ramp
RO	Original Intermodal Ramp
SF	Ship From
ST	Ship To

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N102	93	**Name**	X	AN	1/60	Used

        Description: Free-form name

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N103	66	**Identification Code Qualifier**	X	ID	1/2	Used

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

        CodeList Summary (Total Codes: 215, Included: 1)

Code	Name
93	Code assigned by the organization originating the transaction set

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N104	67	**Identification Code**	X	AN	2/80	Used

        Description: Code identifying a party or other code

Syntax Rules:

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

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.

N3   Address Information

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

User Option (Usage): Used

Purpose: To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information**	M	AN	1/55	Must use
		Description: Address information				
N302	166	**Address Information**	O	AN	1/55	Used
		Description: Address information				

N4 **Geographic Location**

Pos: 100 **Max: 1**
Detail - Optional
Loop: 0310 **Elements: 6**

User Option (Usage): Used

Purpose: To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name**	O	AN	2/30	Used

Description: Free-form text for city name

N402	156	**State or Province Code**	O	ID	2/2	Used

Description: Code (Standard State/Province) as defined by appropriate government agency

N403	116	**Postal Code**	O	ID	3/15	Used

Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)

N404	26	**Country Code**	O	ID	2/3	Used

Description: Code identifying the country

N405	309	**Location Qualifier**	X	ID	1/2	Not used

Description: Code identifying type of location
All valid standard codes are used. (Total Codes: 172)

N406	310	**Location Identifier**	O	AN	1/30	Not used

Description: Code which identifies a specific location

Syntax Rules:

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

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.

G61 **Contact**

Pos: 120   **Max: 3**
Detail - Optional
Loop: 0310   **Elements: 5**

User Option (Usage): Used

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6101	366	**Contact Function Code**	M	ID	2/2	Must use

    Description: Code identifying the major duty or responsibility of the person or group named

    CodeList Summary (Total Codes: 230, Included: 1)

    Code   **Name**

    CN   General Contact

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6102	93	**Name**	M	AN	1/60	Must use

    Description: Free-form name

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6103	365	**Communication Number Qualifier**	X	ID	2/2	Used

    Description: Code identifying the type of communication number

    CodeList Summary (Total Codes: 40, Included: 1)

    Code   **Name**

    TE   Telephone

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6104	364	**Communication Number**	X	AN	1/80	Used

    Description: Complete communications number including country or area code when applicable

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6105	443	**Contact Inquiry Reference**	O	AN	1/20	Used

    Description: Additional reference number or description to clarify a contact number

Syntax Rules:

1. P0304 - If either G6103 or G6104 is present, then the other is required.

Comments:

1. G6103 qualifies G6104.

Loop Order Identification Detail

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

User Option (Usage): Used

Purpose: To specify order identification detail

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
150	OID	Order Identification Detail	O	1		Used
160	G62	Date/Time	O	2		Not used
180	LAD	Lading Detail	O	999		Used
190		Loop 0360	O		99	Used

OID Order Identification Detail

<table>
<tr><td>Pos: 150</td><td align="right">Max: 1</td></tr>
<tr><td colspan="2" align="center">Detail - Optional</td></tr>
<tr><td>Loop: 0350</td><td align="right">Elements: 9</td></tr>
</table>

User Option (Usage): Used

Purpose: To specify order identification detail

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
OID01	127	**Reference Identification**	X	AN	1/30	Not used

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Ref	Id	Element Name	Req	Type	Min/Max	Usage
OID02	324	**Purchase Order Number**	X	AN	1/22	Used

Description: Identifying number for Purchase Order assigned by the orderer/purchaser

Element Notes:

PO UNAVAILABLE = PO is not known at time of shipment

Ref	Id	Element Name	Req	Type	Min/Max	Usage
OID03	127	**Reference Identification**	O	AN	1/30	Not used

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Ref	Id	Element Name	Req	Type	Min/Max	Usage
OID04	355	**Unit or Basis for Measurement Code**	X	ID	2/2	Used

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

CodeList Summary (Total Codes: 794, Included: 29)

Code	Name
2W	Bin
BA	Bale
BC	Bucket
BD	Bundle
BG	Bag
BO	Bottle
BX	Box
CA	Case
CP	Crate
CT	Carton
DR	Drum
EA	Each
JR	Jar
LF	Linear Foot
PA	Pail
PC	Piece
PD	Pad
PK	Package
PL	Pallet/Unit Load
RE	Reel
RL	Roll
S9	Slip Sheet

		Code	**Name**
		SJ	Sack
		SV	Skid
		TE	Tote
		TY	Tray
		YD	Yard
		Z5	Lug
		ZZ	Mutually Defined

OID05	380	**Quantity**	X	R	1/15	Used

Description: Numeric value of quantity

OID06	188	**Weight Unit Code**	X	ID	1/1	Used

Description: Code specifying the weight unit

CodeList Summary (Total Codes: 8, Included: 1)

Code	**Name**
L	Pounds

OID07	81	**Weight**	X	R	1/10	Used

Description: Numeric value of weight

OID08	184	**Volume Unit Qualifier**	X	ID	1/1	Used

Description: Code identifying the volume unit

CodeList Summary (Total Codes: 16, Included: 1)

Code	**Name**
E	Cubic Feet

OID09	183	**Volume**	X	R	1/8	Used

Description: Value of volumetric measure

Syntax Rules:

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

User Option (Usage): Not used

Purpose: To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6201	432	**Date Qualifier**	X	ID	2/2	Used

  Description: Code specifying type of date
  All valid standard codes are used. (Total Codes: 137)

G6202	373	**Date**	X	DT	8/8	Used

  Description: Date expressed as CCYYMMDD

G6203	176	**Time Qualifier**	X	ID	1/2	Used

  Description: Code specifying the reported time
  All valid standard codes are used. (Total Codes: 42)

G6204	337	**Time**	X	TM	4/8	Used

  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)

G6205	623	**Time Code**	O	ID	2/2	Used

  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
  All valid standard codes are used. (Total Codes: 51)

Syntax Rules:

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

LAD   Lading Detail

<table>
<tr><td>Pos: 180</td><td>Max: 999</td></tr>
<tr><td colspan="2" align="center">Detail - Optional</td></tr>
<tr><td>Loop: 0350</td><td>Elements: 13</td></tr>
</table>

User Option (Usage): Used

Purpose: To transmit detailed lading data pertinent to a pickup or delivery

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LAD01	211	**Packaging Form Code**	X	ID	3/3	Not used

Description: Code for packaging form of the lading quantity
All valid standard codes are used. (Total Codes: 134)

LAD02	80	**Lading Quantity**	X	N0	1/7	Not used

Description: Number of units (pieces) of the lading commodity

LAD03	188	**Weight Unit Code**	X	ID	1/1	Not used

Description: Code specifying the weight unit
All valid standard codes are used. (Total Codes: 8)

LAD04	395	**Unit Weight**	X	R	1/8	Not used

Description: Numeric value of weight per unit

LAD05	188	**Weight Unit Code**	X	ID	1/1	Not used

Description: Code specifying the weight unit
All valid standard codes are used. (Total Codes: 8)

LAD06	81	**Weight**	X	R	1/10	Not used

Description: Numeric value of weight

LAD07	235	**Product/Service ID Qualifier**	X	ID	2/2	Used

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CodeList Summary (Total Codes: 476, Included: 1)

Code	Name
SK	Stock Keeping Unit (SKU)

LAD08	234	**Product/Service ID**	X	AN	1/48	Used

Description: Identifying number for a product or service

LAD09	235	**Product/Service ID Qualifier**	X	ID	2/2	Not used

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)
All valid standard codes are used. (Total Codes: 477)

LAD10	234	**Product/Service ID**	X	AN	1/48	Not used

Description: Identifying number for a product or service

LAD11	235	**Product/Service ID Qualifier**	X	ID	2/2	Not used

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		All valid standard codes are used. (Total Codes: 477)				
LAD12	234	**Product/Service ID**	X	AN	1/48	Not used
		Description: Identifying number for a product or service				
LAD13	79	**Lading Description**	O	AN	1/50	Not used
		Description: Description of an item as required for rating and billing purposes				

Syntax Rules:

1. P0102 - If either LAD01 or LAD02 is present, then the other is required.
2. P0304 - If either LAD03 or LAD04 is present, then the other is required.
3. P0506 - If either LAD05 or LAD06 is present, then the other is required.
4. P0708 - If either LAD07 or LAD08 is present, then the other is required.
5. P0910 - If either LAD09 or LAD10 is present, then the other is required.
6. P1112 - If either LAD11 or LAD12 is present, then the other is required.

Segment/Loop Notes:

For International Shipments only

Loop Description, Marks and Numbers

Pos: 190	Repeat: 99
Optional	
Loop: 0360	**Elements: N/A**

User Option (Usage): Used

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

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
190	L5	Description, Marks and Numbers	O	1		Used
200		Loop 0365	O		99	Used

L5 Description, Marks and Numbers

Pos: 190	Max: 1
Detail - Optional	
Loop: 0360	**Elements: 10**

User Option (Usage): Used

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
L501	213	**Lading Line Item Number**	O	N0	1/3	Used

Description: Sequential line number for a lading item

L502	79	**Lading Description**	O	AN	1/50	Used

Description: Description of an item as required for rating and billing purposes

L503	22	**Commodity Code**	X	AN	1/30	Not used

Description: Code describing a commodity or group of commodities

L504	23	**Commodity Code Qualifier**	X	ID	1/1	Not used

Description: Code identifying the commodity coding system used for Commodity Code
All valid standard codes are used. (Total Codes: 23)

L505	103	**Packaging Code**	O	AN	3/5	Not used

Description: 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
All valid standard codes are used. (Total Codes: 203)

L506	87	**Marks and Numbers**	X	AN	1/48	Not used

Description: Marks and numbers used to identify a shipment or parts of a shipment

L507	88	**Marks and Numbers Qualifier**	O	ID	1/2	Not used

Description: Code specifying the application or source of Marks and Numbers (87)
All valid standard codes are used. (Total Codes: 20)

L508	23	**Commodity Code Qualifier**	X	ID	1/1	Not used

Description: Code identifying the commodity coding system used for Commodity Code
All valid standard codes are used. (Total Codes: 23)

L509	22	**Commodity Code**	X	AN	1/30	Not used

Description: Code describing a commodity or group of commodities

L510	595	**Compartment ID Code**	O	ID	1/1	Not used

Description: Code identifying the compartment in a compartmentalized tank car
All valid standard codes are used. (Total Codes: 6)

Syntax Rules:

1. P0304 - If either L503 or L504 is present, then the other is required.
2. C0706 - If L507 is present, then L506 is required.
3. P0809 - If either L508 or L509 is present, then the other is required.

Comments:

1. L502 may be used to send quantity information as part of the product description.

Loop Contact

Pos: 200	**Repeat: 99**
	Optional
Loop: 0365	**Elements: N/A**

User Option (Usage): Used

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

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
200	G61	Contact	O	1		Used
203		Loop 0370	O		25	Used

G61 **Contact**

Pos: 200   **Max: 1**
Detail - Optional
Loop: 0365   **Elements: 5**

User Option (Usage): Used

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6101	366	**Contact Function Code**	M	ID	2/2	Must use

Description: Code identifying the major duty or responsibility of the person or group named

CodeList Summary (Total Codes: 230, Included: 1)

Code Name
HM   Hazardous Material Contact

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6102	93	**Name**	M	AN	1/60	Must use

Description: Free-form name

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6103	365	**Communication Number Qualifier**	X	ID	2/2	Used

Description: Code identifying the type of communication number

CodeList Summary (Total Codes: 40, Included: 1)

Code Name
TE   Telephone

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6104	364	**Communication Number**	X	AN	1/80	Used

Description: Complete communications number including country or area code when applicable

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6105	443	**Contact Inquiry Reference**	O	AN	1/20	Not used

Description: Additional reference number or description to clarify a contact number

Syntax Rules:

1. P0304 - If either G6103 or G6104 is present, then the other is required.

Comments:

1. G6103 qualifies G6104.

Loop Hazardous Identification Information

Pos: 203	Repeat: 25
Optional	
Loop: 0370	Elements: N/A

User Option (Usage): Used

Purpose: To specify the hazardous commodity identification reference number and quantity

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
203	LH1	Hazardous Identification Information	O	1		Used

LH1 Hazardous Identification Information

Pos: 203 **Max: 1**
Detail - Optional
Loop: 0370 **Elements: 11**

User Option (Usage): Used

Purpose: To specify the hazardous commodity identification reference number and quantity

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LH101	355	**Unit or Basis for Measurement Code**	M	ID	2/2	Must use

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Element Notes:

See Code List in OID/04

LH102	80	**Lading Quantity**	M	N0	1/7	Must use

Description: Number of units (pieces) of the lading commodity

LH103	277	**UN/NA Identification Code**	O	ID	6/6	Used

Description: Code identifying the hazardous material identification number as required by Title 49 of the code of Federal Regulations; UN/NA stands for United Nations/North America

LH104	200	**Hazardous Materials Page**	O	AN	1/6	Not used

Description: The United Nations page number as required for the international transport of hazardous materials

LH105	22	**Commodity Code**	O	AN	1/30	Used

Description: Code describing a commodity or group of commodities

LH106	355	**Unit or Basis for Measurement Code**	O	ID	2/2	Not used

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken
All valid standard codes are used. (Total Codes: 794)

LH107	380	**Quantity**	O	R	1/15	Not used

Description: Numeric value of quantity

LH108	595	**Compartment ID Code**	O	ID	1/1	Not used

Description: Code identifying the compartment in a compartmentalized tank car
All valid standard codes are used. (Total Codes: 6)

LH109	665	**Residue Indicator Code**	O	ID	1/1	Not used

Description: Code indicating that the material being described is that which remains in a packaging (including a tank car) after it has been unloaded
All valid standard codes are used. (Total Codes: 2)

LH110	254	**Packing Group Code**	O	ID	1/3	Not used

Description: Code indicating degree of danger in terms of Roman number I, II or III

LH111	1375	**Interim Hazardous Material Regulatory Number**	O	AN	1/5	Not used

Ref	**Id**	**Element Name**	**Req**	**Type**	**Min/Max**	**Usage**

Description: Identifies the current regulatory version number used for hazardous materials shipments

Comments:

1. LH101 and LH102 are used to convey the number and type of packages for bulk and nonbulk movements.

2. LH106 and LH107 are used to convey the quantity or volume and unit of measure for nonbulk shipments only.

3. In LH109, a value of "R" or "P" requires that the receiver generate the words "residue: last contained" prior to the shipping name in accordance with regulations.

L3 Total Weight and Charges

Pos: 010	Max: 1
Summary - Optional	
Loop: N/A	Elements: 15

User Option (Usage): Used

Purpose: 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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
L301	81	**Weight**	X	R	1/10	Used

Description: Numeric value of weight

Ref	Id	Element Name	Req	Type	Min/Max	Usage
L302	187	**Weight Qualifier**	X	ID	1/2	Used

Description: Code defining the type of weight

CodeList Summary (Total Codes: 51, Included: 1)

Code	Name
G	Gross Weight

Ref	Id	Element Name	Req	Type	Min/Max	Usage
L303	60	**Freight Rate**	X	R	1/9	Used

Description: Rate that applies to the specific commodity

Ref	Id	Element Name	Req	Type	Min/Max	Usage
L304	122	**Rate/Value Qualifier**	X	ID	2/2	Used

Description: Code qualifying how to extend charges or interpret value

CodeList Summary (Total Codes: 163, Included: 1)

Code	Name
FR	Flat Rate

Ref	Id	Element Name	Req	Type	Min/Max	Usage
L305	58	**Charge**	O	N2	1/12	Used

Description: 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

Element Notes:

Total Charge including accessorial charges.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
L306	191	**Advances**	O	N2	1/9	Used

Description: 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

Element Notes:

Total Accessorial Charges.

Examples: Fuel, Labor, Unloading, Detention, ETC.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
L307	117	**Prepaid Amount**	O	N2	1/9	Used

Description: Money paid at point of origin (usually by shipper) expressed in the standard monetary denomination for the currency specified

Element Notes:

Total Fuel Surchages.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
L308	150	**Special Charge or Allowance Code**	O	ID	3/3	Used

Ref	Id	Element Name	Req	Type	Min/Max	Usage

Description: Code identifying type of special charge or allowance

CodeList Summary (Total Codes: 1073, Included: 1)

Code Name
405   Fuel Surcharge

Ref	Id	Element Name	Req	Type	Min/Max	Usage
L309	183	**Volume**	X	R	1/8	Not used

Description: Value of volumetric measure

L310	184	**Volume Unit Qualifier**	X	ID	1/1	Not used

Description: Code identifying the volume unit
All valid standard codes are used. (Total Codes: 16)

L311	80	**Lading Quantity**	O	N0	1/7	Used

Description: Number of units (pieces) of the lading commodity

L312	188	**Weight Unit Code**	O	ID	1/1	Not used

Description: Code specifying the weight unit
All valid standard codes are used. (Total Codes: 8)

L313	171	**Tariff Number**	O	AN	1/7	Not used

Description: Standard tariff number for the tariff which governs the rates applied to the commodity item(s)

L314	74	**Declared Value**	X	N2	2/12	Not used

Description: Monetary assigned value expressed in the standard monetary denomination for the currency specified

L315	122	**Rate/Value Qualifier**	X	ID	2/2	Not used

Description: Code qualifying how to extend charges or interpret value
All valid standard codes are used. (Total Codes: 163)

Syntax Rules:

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

Semantics:

1. L305 is the total charges.

SE Transaction Set Trailer

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

User Option (Usage): Must use

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)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use

Description: Total number of segments included in a transaction set including ST and SE segments

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Must use

Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

Comments:

1. SE is the last segment of each transaction set.

GE **Functional Group Trailer**

<div>

Pos: **Max: 1**

Not Defined - Mandatory

Loop: N/A   **Elements: 2**

</div>

User Option (Usage): Must use

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included**	M	N0	1/6	Must use

    Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE02	28	**Group Control Number**	M	N0	1/9	Must use

    Description: Assigned number originated and maintained by the sender

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.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA   Interchange Control Trailer

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

User Option (Usage): Must use

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups**	M	N0	1/5	Must use

Description: A count of the number of functional groups included in an interchange

| IEA02 | I12 | **Interchange Control Number** | M | N0 | 9/9 | Must use |

Description: A control number assigned by the interchange sender