



C.H. ROBINSON

204 International Dray Intermodal Carrier Load Tender

X12/V4010/204: 204 Motor Carrier Load Tender

Version: 1.2 Final

Author:	Charles Mackey
Modified:	8/9/2019
Notes:	Added new examples and branch number for Bill-to

Table of Contents

204	Motor Carrier Load Tender	1
ISA	Interchange Control Header	3
GS	Functional Group Header	5
ST	Transaction Set Header	7
B2	Beginning Segment for Shipment Information Transaction	13
B2A	Set Purpose	15
L11	Business Instructions and Reference Number	16
G62	Date/Time	18
MS3	Interline Information	19
NTE	Note/Special Instruction	20
0100	Loop Name	21
N1	Name	22
N3	Address Information	23
N4	Geographic Location	24
G61	Contact	25
0200	Loop Equipment Details	26
N7	Equipment Details	27
M7	Seal Numbers	30
0300	Loop Stop Off Details	31
S5	Stop Off Details	32
L11	Business Instructions and Reference Number	33
G62	Date/Time	34
NTE	Note/Special Instruction	36
0310	Loop Name	37
N1	Name	38
N3	Address Information	39
N4	Geographic Location	40
G61	Contact	41
0350	Loop Order Identification Detail	42
OID	Order Identification Detail	43
G62	Date/Time	45
LAD	Lading Detail	46
0360	Loop Description, Marks and Numbers	48
L5	Description, Marks and Numbers	49
0365	Loop Contact	51
G61	Contact	52
0370	Loop Hazardous Identification Information	53
LH1	Hazardous Identification Information	54
L3	Total Weight and Charges	56
SE	Transaction Set Trailer	58

GE	Functional Group Trailer	59
IEA	Interchange Control Trailer	60

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:

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

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
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:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
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

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
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:

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

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>	<u>Usage</u>
	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:

<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	M	ID	2/2	Must use
<p>Description: Code to identify the type of information in the Authorization Information All valid standard codes are used. (Total Codes: 7)</p>						
ISA02	I02	Authorization Information	M	AN	10/10	Must use
<p>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)</p>						
ISA03	I03	Security Information Qualifier	M	ID	2/2	Must use
<p>Description: Code to identify the type of information in the Security Information All valid standard codes are used. (Total Codes: 2)</p>						
ISA04	I04	Security Information	M	AN	10/10	Must use
<p>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)</p>						
ISA05	I05	Interchange ID Qualifier	M	ID	2/2	Must use
<p>Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified</p>						
<p>Element Notes: <i>C.H. Robinson (CHR) qualifiers for both Test and Production: 02</i></p>						
<p>CodeList Summary (Total Codes: 38, Included: 1)</p>						
<p>Code Name</p>						
<p>02 SCAC (Standard Carrier Alpha Code)</p>						
ISA06	I06	Interchange Sender ID	M	AN	15/15	Must use
<p>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</p>						
<p>Element Notes:</p> <p><u>CHR IDs</u></p> <p>Test: RBINTEST</p> <p>Production: RBIN</p>						
ISA07	I05	Interchange ID Qualifier	M	ID	2/2	Must use
<p>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)</p>						
ISA08	I07	Interchange Receiver ID	M	AN	15/15	Must use

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		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	NO	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)				
		<u>Code</u> <u>Name</u>				
		P Production Data				
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:

<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	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)

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

GS03	124	Application Receiver's Code	M	AN	2/15	Must use
------	-----	------------------------------------	---	----	------	----------

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

GS04	373	Date	M	DT	8/8	Must use
------	-----	-------------	---	----	-----	----------

Description: Date expressed as CCYYMMDD

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)

GS06	28	Group Control Number	M	N0	1/9	Must use
------	----	-----------------------------	---	----	-----	----------

Description: Assigned number originated and maintained by the sender

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)

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)

<u>Code</u>	<u>Name</u>
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

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

User Option (Usage): Must use

Purpose: 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	M	ID	3/3	Must use
<p>Description: Code uniquely identifying a Transaction Set All valid standard codes are used. (Total Codes: 298)</p>						
ST02	329	Transaction Set Control Number	M	AN	4/9	Must use
<p>Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set</p>						

Semantics:

- 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
N7TRLU914843*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
OID62453**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
B2SCAC**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
N7TRHU355311*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
OID4500330997**CT*823*L*1397.07*E*214.36**
LAD***SK*1072084**
L5*1*CGI KPZ Lic Kids 100pc TwrPzl GBL4pkM01
OID4500330999**CT*495*L*927.58*E*134.55**
LAD***SK*1072078**
L5*2*CGI KPZ Lic 24pc TowerPzlAst GBL4pkM01
OID4500330998**CT*919*L*1418.21*E*249.67**
LAD***SK*1072082**
L5*3*CGI KPZ Lic 48pc TowerPzlAst GBL4pkM01
OID4500330996**CT*194*L*1625.22*E*78.05**
LAD***SK*1072096**
L5*4*CGI KPZ YouTubeKids WdSdPz CDU GBL6pkM01

OID4500331316**CT*14*L*120.37*E*10.59**
LAD***SK*1060286**
L5*5*CGI CLG FoldinCribbage TrdnBx GEN6pkM02
OID4500331328**CT*133*L*2697.53*E*74.51**
LAD***SK*1055869**
L5*6*CGI CLG 300 11.5g Poker Eet GEN2pkM02
OID4500331336**CT*155*L*1366.84*E*60.21**
LAD***SK*1054552**
L5*7*CGI DOM MxTrnDomAlmCsBkGd WLMX NEN2pkSLD
OID4500332440**CT*127*L*1455.91*E*21.54**
LAD***SK*1039895**
L5*8*CGI CLG 100 11.5Gram Poker Set NEN4pkSLD
OID4500333946**CT*125*L*367.95*E*24.01**
LAD***SK*1069908**
L5*9*CGI AGM Goat on a Boat GBC4pkSLD
OID4500330979**CT*280*L*827.16*E*32.38**
LAD***SK*1072310**
L5*10*CGI CLG 100pc 2.0gPokerChips GEN6pkSLD
OID4500304462**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
B2XXXX**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
N7APCU537395*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
OID1001332094****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
B2XXXX**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
N7PACU894544*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
OIDPO 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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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:

<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	M	ID	2/2	Must use

Description: Code identifying purpose of transaction set

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

<u>Code</u>	<u>Name</u>
00	Original
01	Cancellation
04	Change

L11 Business Instructions and Reference Number

Pos: 080	Max: 50
Heading - Optional	
Loop: N/A	Elements: 3

User Option (Usage): Used

Purpose: 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	X	AN	1/30	Used

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

L1102	128	Reference Identification Qualifier	X	ID	2/3	Used
-------	-----	------------------------------------	---	----	-----	------

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1503, Included: 11)

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)
- ABS Vessel Name
- PID Program Identification Number
- RSN Reservation Number

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:

<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	X	ID	2/2	Used								
<p>Description: Code specifying type of date</p> <p>CodeList Summary (Total Codes: 137, Included: 3)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>56</td> <td>Actual Free Time Expiration Date</td> </tr> <tr> <td>64</td> <td>Must Respond By</td> </tr> <tr> <td>CA</td> <td>Cutoff Date</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	56	Actual Free Time Expiration Date	64	Must Respond By	CA	Cutoff Date
<u>Code</u>	<u>Name</u>													
56	Actual Free Time Expiration Date													
64	Must Respond By													
CA	Cutoff Date													
G6202	373	Date	X	DT	8/8	Used								
<p>Description: Date expressed as CCYYMMDD</p>														
G6203	176	Time Qualifier	X	ID	1/2	Used								
<p>Description: Code specifying the reported time</p> <p>CodeList Summary (Total Codes: 42, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Must Respond By</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	1	Must Respond By				
<u>Code</u>	<u>Name</u>													
1	Must Respond By													
G6204	337	Time	X	TM	4/8	Used								
<p>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)</p>														

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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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)						
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)						
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:

<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	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

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

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

User Option (Usage): Used

Purpose: 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>	<u>Usage</u>
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

Pos: 140	Max: 1
Heading - Optional	
Loop: 0100	Elements: 4

User Option (Usage): Used

Purpose: 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	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

N102	93	Name	X	AN	1/60	Used
------	----	-------------	---	----	------	------

Description: Free-form name

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

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:

<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	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:

<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	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:

<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	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						
G6102	93	Name	M	AN	1/60	Must use
Description: Free-form name						
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						
G6104	364	Communication Number	X	AN	1/80	Used
Description: Complete communications number including country or area code when applicable						
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:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N701	206	Equipment Initial	O	AN	1/4	Not used
Description: Prefix or alphabetic part of an equipment unit's identifying number						
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:						
<i>Equipment Number is 4 Alpha, 6 Numeric</i>						
<i>ZZZZ = Equipment Number is not known at time of tender.</i>						
N703	81	Weight	X	R	1/10	Must use
Description: Numeric value of weight						
N704	187	Weight Qualifier	X	ID	1/2	Must use
Description: Code defining the type of weight						
CodeList Summary (Total Codes: 51, Included: 1)						
<u>Code</u> <u>Name</u>						
G Gross Weight						
N705	167	Tare Weight	X	NO	3/8	Not used
Description: Weight of the equipment						
N706	232	Weight Allowance	O	NO	2/6	Not used
Description: Allowance made for increased weight due to such factors as snow						
N707	205	Dunnage	O	NO	1/6	Not used
Description: Weight of material used to protect lading (even bracings, false floors, etc.)						
N708	183	Volume	X	R	1/8	Not used
Description: Value of volumetric measure						
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)						
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)						
N711	40	Equipment Description Code	O	ID	2/2	Must use

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		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)				
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	NO	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	NO	1/1	Used
		Description: Number which designates the check digit applied to a piece of equipment				
		Element Notes:				
		<i>Check digit is returned in the MS2/04 on the 214.</i>				
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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
M701	225	Seal Number	M	AN	2/15	Used
Description: Unique number on seal used to close a shipment						
Element Notes: <i>M7 is Mandatory for International Shipments</i>						
M702	225	Seal Number	O	AN	2/15	Not used
Description: Unique number on seal used to close a shipment						
M703	225	Seal Number	O	AN	2/15	Not used
Description: Unique number on seal used to close a shipment						
M704	225	Seal Number	O	AN	2/15	Not used
Description: Unique number on seal used to close a shipment						
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:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
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

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

User Option (Usage): Must use

Purpose: 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	M	NO	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:

<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	X	AN	1/30	Used
Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier						
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						
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:

<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	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 segment 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:

<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	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

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:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
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:

<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	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

N102	93	Name	X	AN	1/60	Used
------	----	-------------	---	----	------	------

Description: Free-form name

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

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:

<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	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:

<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	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:

<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	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						
G6102	93	Name	M	AN	1/60	Must use
Description: Free-form name						
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						
G6104	364	Communication Number	X	AN	1/80	Used
Description: Complete communications number including country or area code when applicable						
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:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
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

Pos: 150	Max: 1
Detail - Optional	
Loop: 0350	Elements: 9

User Option (Usage): Used

Purpose: 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>
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

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

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

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

<u>Code</u>	<u>Name</u>
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)				
		<u>Code</u>		<u>Name</u>		
		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)				
		<u>Code</u>		<u>Name</u>		
		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:

<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	X	ID	2/2	Used
<p>Description: Code specifying type of date All valid standard codes are used. (Total Codes: 137)</p>						
G6202	373	Date	X	DT	8/8	Used
<p>Description: Date expressed as CCYYMMDD</p>						
G6203	176	Time Qualifier	X	ID	1/2	Used
<p>Description: Code specifying the reported time All valid standard codes are used. (Total Codes: 42)</p>						
G6204	337	Time	X	TM	4/8	Used
<p>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)</p>						
G6205	623	Time Code	O	ID	2/2	Used
<p>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)</p>						

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

Pos: 180 Max: 999
 Detail - Optional
 Loop: 0350 Elements: 13

User Option (Usage): Used

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

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>
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	NO	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) <u>Code</u> <u>Name</u> 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)						

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
L501	213	Lading Line Item Number	O	NO	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:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
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:

<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	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						
G6102	93	Name	M	AN	1/60	Must use
Description: Free-form name						
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						
G6104	364	Communication Number	X	AN	1/80	Used
Description: Complete communications number including country or area code when applicable						
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:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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	NO	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

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
------------	-----------	---------------------	------------	-------------	----------------	--------------

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:

<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	X	R	1/10	Used
Description: Numeric value of weight						
L302	187	Weight Qualifier	X	ID	1/2	Used
Description: Code defining the type of weight						
CodeList Summary (Total Codes: 51, Included: 1)						
<u>Code</u> <u>Name</u>						
G Gross Weight						
L303	60	Freight Rate	X	R	1/9	Used
Description: Rate that applies to the specific commodity						
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)						
<u>Code</u> <u>Name</u>						
FR Flat Rate						
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.						
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.						
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 Surcharges.						
L308	150	Special Charge or Allowance Code	O	ID	3/3	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: Code identifying type of special charge or allowance				
		CodeList Summary (Total Codes: 1073, Included: 1)				
		Code Name				
		405 Fuel Surcharge				
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:

<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	M	NO	1/10	Must use
Description: Total number of segments included in a transaction set including ST and SE segments						
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:

- SE is the last segment of each transaction set.

GE Functional Group Trailer

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

User Option (Usage): Must use

Purpose: 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	M	NO	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				
GE02	28	Group Control Number	M	NO	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:

<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	M	NO	1/5	Must use
Description: A count of the number of functional groups included in an interchange						
IEA02	I12	Interchange Control Number	M	NO	9/9	Must use
Description: A control number assigned by the interchange sender						