

204 C.H. Robinson 204 Carrier Spec Upgrade

X12/V4010/204: 204 C.H. Robinson 204 Carrier Spec

Version: 1.4 Final

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Notes:	Additions: Multi Ship ID (L11 SI) Metric Weight (K) to OID Email contact S5/N1/G61

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204 C.H. Robinson 204 Carrier Spec

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			Used
020	B2	Beginning Segment for Shipment Information Transaction	M	1			Must use
030	B2A	Set Purpose	M	1			Must use
	L11	Business Instructions and Reference Number	O	50			Used

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>
090	G62	Date/Time	O	1		N1/090	Used
120	PLD	Pallet Information	O	1			Used
130	NTE	Note/Special Instruction	O	10			Used
LOOP ID - 0100					5	N1/140L	
140	N1	Name	M	1		N1/140	Must use
160	N3	Address Information	O	2			Used
170	N4	Geographic Location	O	1			Used
LOOP ID - 0100					5	N1/140L	
140	N1	Name	M	1		N1/140	Must use
160	N3	Address Information	O	2			Used
170	N4	Geographic Location	O	1			Used
190	G61	Contact	O	3			Used
LOOP ID - 0100					5	N1/140L	
140	N1	Name	M	1		N1/140	Must use
190	G61	Contact	O	3			Used
LOOP ID - 0200					10		
200	N7	Equipment Details	M	1			Must use

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
060	AT5	Bill of Lading Handling Requirements	O	6			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
LOOP ID - 0350					999	N2/150L	
150	OID	Order Identification Detail	O	1		N2/150	Used
180	LAD	Lading Detail	O	999			Used
LOOP ID - 0360					99	N2/190L	
190	L5	Description, Marks and Numbers	O	1		N2/190	Used
LOOP ID - 0365					99	N2/200L	
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			Used

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.
- 1/140 Loop 0100 is used to convey name and address detail relative to bill-to, party controlling freight, or other shipment level name and address information. It is not used to convey ship from or ship to detail which should be handled within loop 0300 in table 2.
- 1/140L Loop 0100 is used to convey name and address detail relative to bill-to, party controlling freight, or other shipment level name and address information. It is not used to convey ship from or ship to detail which

- should be handled within loop 0300 in table 2.
- 1/140 Loop 0100 is used to convey name and address detail relative to bill-to, party controlling freight, or other shipment level name and address information. It is not used to convey ship from or ship to detail which should be handled within loop 0300 in table 2.
- 1/140L Loop 0100 is used to convey name and address detail relative to bill-to, party controlling freight, or other shipment level name and address information. It is not used to convey ship from or ship to detail which should be handled within loop 0300 in table 2.
- 1/140 Loop 0100 is used to convey name and address detail relative to bill-to, party controlling freight, or other shipment level name and address information. It is not used to convey ship from or ship to detail which should be handled within loop 0300 in table 2.
- 2/030 Use G62 segment either in loop 0300 or loop 0350, but not both.
- 2/150L Use loop 0350 for conveying seller's order/invoice level detail or buyer's purchase order level detail. If not using order level detail, this loop should not be used.
- 2/150 Use loop 0350 for conveying seller's order/invoice level detail or buyer's purchase order level detail. If not using order level detail, this loop should not be used.
- 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.
- 2/190 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.
- 2/200L The G61 segment contains the person or company to be contacted by the carrier in case of emergency.
- 2/200 The G61 segment contains the person or company to be contacted by the carrier in case of emergency.

User Note 1:

This is the C.H. Robinson 204 Load Tender spece is for load tenders outbound from C.H. Robinson to Truckload and LTLcarriers.

Load tenders from C.H. Robinson consist of 2 business lines, Brokerage & Transportation Management Center (TMC) loads.

The structure of the 204 is identical to leverage the ability to send both types to carriers when applicable.

Envelope ID's

· Testing:

ISA Qualifier = 02

ISA ID = RBTWTEST

GS ID = RBTWTEST

· Production:

ISA Qualifier = 02

ISA ID = RBTW

GS ID = RBTW

SAMPLE 204'S:

Brokerage / Hazmat Load:

ISA*00* *00* *02*RBTW *02*XXXX
 *080324*1645*U*00201*000001084*0*T*}
 GS*SM*RBTW*XXXX*20080324*1645*1084*X*004010
 ST*204*10840001
 B2**XXXX**49589409**PP
 B2A*00
 L11*T1630868*VD
 L11*268668*SI
 L11*268668*CR
 L11*USD*RB
 L11*CH ROBINSON*TH
 G62*64*20080222*1*1710
 NTE*ZZZ*586
 NTE*OTH*HAZMAT LOAD!!
 N1*VI*CH ROBINSON CONTACT
 G61*CN*DANNY DAOUD*TE*8002335623*0809
 G61*IC*DANNY DAOUD*EM*DAOUDAN@CHROBINSON.COM
 G61*ZZ*CH ROBINSON
 N7**ZZZZ*6400*G*****TV****4800*****0*102
 S5*1*LD
 L11*268668*PU
 L11*BOL123456*BM
 G62*10*20080225
 G62*38*20080225
 AT5*HZD
 NTE*OTH*No Touch
 NTE*SPH*NOTICE CALLS ARE NEEDED BEFORE DISPATCHING DRIVER
 Driver must call CHR if any tot
 NTE*SPH*es have more than about 1 inch of residue in them. All totes must double stack
 NTE*SPH*- it is the drivers responsibility to make sure that the shipper double stacks.
 N1*SF*BJ Chemical Services*ZZ*W3512492
 N3*2708 W. Country Rd.

N4*Hobbs*NM*88247*USA
 G61*CN*John Bryant*TE*5053925556
 OID**t268668**TE*8*L*1280
 L5*1*Empty Plastic Totes double stacked
 OID**t268668**TE*8*L*1280
 L5*2*Empty Plastic Totes double stacked
 G61*HM*HZMT EMERGENCY CONTACT*TE*8004249300
 LH1*TE*8*UN3082**Environmentally hazardous subs
 OID**t268668**TE*8*L*1280
 L5*3*Empty Plastic Totes double stacked
 G61*HM*HZMT EMERGENCY CONTACT*TE*8004249300
 LH1*TE*8*UN1993**Flammable liquids, n.o.s.
 OID**t268668**CA*8*L*1280
 L5*4*Empty Plastic Totes double stacked
 G61*HM*HZMT EMERGENCY CONTACT*TE*8004249300
 LH1*CA*8*UN1993**Flammable liquids, n.o.s.
 OID**t268668**BN*8*L*1280
 L5*5*Empty Plastic Totes double stacked
 G61*HM*HZMT EMERGENCY CONTACT*TE*8004249300
 LH1*BN*8*UN2810**Toxic, liquids, organic, n.o.s
 S5*2*UL
 G62*68*20080226
 G62*54*20080226
 AT5*HSD
 NTE*OTH*No Touch
 N1*ST*National Container - Houston*ZZ*W630610
 N3*13131B Alameda Rd.
 N4*Houston*TX*77045*USA
 G61*CN*Wally, Bridgette*TE*7134332100
 OID**t268668**TE*8*L*1280
 L5*6*Empty Plastic Totes double stacked
 OID**t268668**TE*8*L*1280
 L5*7*Empty Plastic Totes double stacked
 G61*HM*HZMT EMERGENCY CONTACT*TE*8004249300
 LH1*TE*8*UN3082**Environmentally hazardous subs
 OID**t268668**TE*8*L*1280
 L5*8*Empty Plastic Totes double stacked
 G61*HM*HZMT EMERGENCY CONTACT*TE*8004249300

LH1*TE*8*UN1993**Flammable liquids, n.o.s.
 OID**t268668**CA*8*L*1280
 L5*9*Empty Plastic Totes double stacked
 G61*HM*HZMT EMERGENCY CONTACT*TE*8004249300
 LH1*CA*8*UN1993**Flammable liquids, n.o.s.
 OID**t268668**BN*8*L*1280
 L5*10*Empty Plastic Totes double stacked
 G61*HM*HZMT EMERGENCY CONTACT*TE*8004249300
 LH1*BN*8*UN2810**Toxic, liquids, organic, n.o.s
 L3*6400*G*925*FR*92500*000*****40
 SE*77*10840001
 GE*1*1084
 IEA*1*000001084

Brokerage LTL Load:

ISA*00* *00* *02*RBTW *02*XXXX
 *080324*1650*U*00201*000001086*0*T*}
 GS*SM*RBTW*XXXX*20080324*1650*1086*X*004010
 ST*204*10860001
 B2**XXXX**49090124-2test**TP
 B2A*00
 L11*T733718*VD
 L11*pro#testTLload*CN
 L11*71426*SI
 L11*71426*CR
 L11*USD*RB
 L11*CH ROBINSON*TH
 G62*64*20080206*1*1130
 PLD*24
 NTE*ZZZ*3017
 NTE*OTH*Temp CTRL Min 42 / Max 42
 N1*BT*CHRLTL*93*00
 N3*14800 Charlson Road*Suite 2100
 N4*Eden Prairie*MN*55347
 N1*VI*CH ROBINSON CONTACT
 G61*CN*MATTHEW WILLEMSSEN*TE*5597412110*0404
 G61*IC*MATTHEW WILLEMSSEN*EM*WILLMAT@CHROBINSON.COM

G61*ZZ*CH ROBINSON
 N7**ZZZZ*23500*G*****RT****4800*****0*0
 S5*1*LD
 L11*71426*PU
 L11*71426*BM
 G62*10*20080207*4*0700
 G62*38*20080207*4*1700
 NTE*OTH*No Touch
 NTE*SPH*temp. recorder required.
 NTE*PKG*Dimensions: H(ft):12 W(ft):11 L(ft):10 L(in):9
 N1*SF*Maple Wood Farms - Mount Vernon*ZZ*W905201
 N3*1604 BEAVER MARSH RD.*(360) 424-8667
 N4*Mount Vernon*WA*98273*USA
 G61*CN*LESLIE/RICK*TE*3604248667
 OID**36506**CA*1200*L*23500
 LAD*PLT*24
 L5*1*Potatoes
 S5*2*UL
 L11*36506*DO
 G62*68*20080214*5*0000
 G62*54*20080214*5*0000
 NTE*OTH*No Touch
 NTE*PKG*Dimensions: H(ft):12 W(ft):11 L(ft):10 L(in):9
 N1*ST*Gold Bell*ZZ*W1101006
 N3*25-28 New England Produce Center
 N4*Chelsea*MA*02150*USA
 G61*CN*. *TE*6178848685
 OID**36506**CA*1200*L*23500
 LAD*PLT*24
 L5*2*Potatoes
 L3*23500*G*4400*FR*440000*000*****1200
 SE*51*10860001
 GE*1*1086
 IEA*1*000001086

Brokerage - Customs Broker Load:

ISA*00* *00* *02*RBTW *02*XXXX

*080324*1648*U*00201*000001085*0*T*}
GS*SM*RBTW*XXXX*20080324*1648*1085*X*004010
ST*204*10850001
B2**XXXX**9694966**PP
B2A*00
L11*T11048*VD
L11*CAD*RB
L11*CH ROBINSON*TH
G62*64*20080221*1*1533
NTE*ZZZ*437
NTE*INT*FAX RATE CONFIRMATION NOTES
N1*CB*TRANSPORTER CUSTOM SERVIC
N4*MINNEAPOLIS*MN
G61*CN*CUSTOMS BROKER CONTACT*TE*2485575100
N1*VI*CH ROBINSON CONTACT
G61*CN*MIKE JAHNKE*TE*8002335623*0846
G61*IC*MIKE JAHNKE*EM*JAHNMIC@CHROBINSON.COM
G61*ZZ*CH ROBINSON
N7**ZZZZ*45000*G*****TV****4800*****0*0
S5*1*LD
G62*10*20080129
G62*38*20080129
NTE*OTH*No Touch
N1*SF*Jahnco*ZZ*W2297648
N3*255 Ripley Street
N4*Hobart*IN*46342*USA
G61*CN*Mike*TE*2192321223
OID**PO UNAVAILABLE****L*45000
L5*1*GC
S5*2*UL
G62*68*20080130
G62*54*20080130
NTE*OTH*Driver Count Required
N1*ST*JAHN HANCOCK*ZZ*W2748760
N3*2119 PILLSBURY AVE S #508
N4*MINNEAPOLIS*MN*55404*USA
G61*CN*GENERAL CONTACT NUMBER*TE*6128715471
OID**PO UNAVAILABLE****L*45000

L5*2*GC
 L3*45000*G*1500*FR*150000*000*****0
 SE*39*10850001
 GE*1*1085
 IEA*1*000001085

Transportation Management Center Load (TMC):

ISA*00* *00* *02*RBTW *02*XXXX
 *080324*1657*U*00201*000001087*0*T*}
 GS*SM*RBTW*XXXX*20080324*1657*1087*X*004010
 ST*204*10870001
 B2**XXXX**50448334**PP
 B2A*00
 L11*T1799693*VD
 L11*CHRW743332*OW
 L11*USD*RB
 L11*JOHN DEERE*TH
 G62*64*20080324*1*1816
 NTE*ZZZ*197
 N1*VI*CH ROBINSON CONTACT
 G61*CN*ANTHONY COOMES*TE*8664281714*0197
 G61*IC*ANTHONY COOMES*EM*COOMANT@CHROBINSON.COM
 G61*ZZ*JOHN DEERE
 N7**ZZZZ*30000*G*****FT****5300*****0*0
 S5*1*LD
 G62*10*20080325*4*0800
 G62*38*20080325*4*2300
 NTE*OTH*No Touch
 NTE*SPH*READY TIME: 0800CLOSE TIME: 2300
 N1*SF*Robinson Steel*ZZ*W1752447
 N3*4303 Kennedy Ave.
 N4*East Chicago*IN*46312*USA
 G61*CN*Calvin x306*TE*2193987785
 OID**PO UNAVAILABLE****L*30000
 L5*1*John Deere Dubuque Works Parts
 S5*2*UL
 G62*68*20080326*5*0600

G62*54*20080326*5*1400
NTE*OTH*No Touch
N1*ST*John Deere Dubuque Works*ZZ*T 00
N3*18600 South John Deere Road*Dock 37
N4*Dubuque*IA*52001*USA
G61*CN*Pete*TE*5635895151
OID**PO UNAVAILABLE****L*30000
L5*2*John Deere Dubuque Works Parts
L3*30000*G*600*FR*71229*11229*****0
SE*37*10870001
GE*1*1087
IEA*1*000001087

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
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						
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						
User Note 1:						
<i>-Testing = RBTWTEST</i>						
<i>-Production = RBTW</i>						
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)						

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ISA08	I07	Interchange Receiver ID	M	AN	15/15	Must use
		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				
		CodeList Summary (Total Codes: 14, Included: 1)				
		Code	Name			
		00401	Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997			
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				
		All valid standard codes are used. (Total Codes: 3)				
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						
User Note 1:						
<i>-Testing = RBTWTEST</i>						
<i>-Production = RBTW</i>						
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,						

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

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 ID 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).

B2 Beginning Segment for Shipment Information Transaction

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

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

Description: Standard Carrier Alpha Code

B204	145	Shipment ID Number	M	AN	1/30	Used
------	-----	--------------------	---	----	------	------

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)

User Note 1:

C.H. Robinson Load Number.

For Truckload this must be returned on the 214, 990 & 210. See 214, 990 & 210 spec for more information.

For LTL this must be returned on the 990 & 210. See 990 spec for more information.

B206	146	Shipment Method of Payment	M	ID	2/2	Used
------	-----	----------------------------	---	----	-----	------

Description: Code identifying payment terms for transportation charges

User Note 1:

We use the codes listed below

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.

Comments:

1. B202 is mandatory for transaction set 204.

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	Used

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:	Max: 50
Not Defined - Optional	
Loop: N/A	Elements: 2

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>
L11	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

L11	128	Reference Identification Qualifier	X	ID	2/3	Used
-----	-----	------------------------------------	---	----	-----	------

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1503, Included: 7)

Code Name

CN Carrier's Reference Number (PRO/Invoice)

Description:

- *Carrier's Pro Number - Mainly for LTL shipments*

CR Customer Reference Number

Description:

- *C.H. Robinson Customer's reference number*

OW Service Order Number

Description:

- *CHRW Online Confirmation Number*

RB Rate code number

Description:

- *Currency for L3 rate information: USD/MXN/CAN*

SI Shipper's Identifying Number for Shipment (SID)

Description:

- *C.H. Robinson Customer's Shipment ID*
- *It is possible to have multiple Shipment IDs*

TH Transportation Account Code (TAC)

Description:

- *Transportation Management Center (TMC) Logistics loads - Freight Customer*

examples. Coke, John Deere, Boise Cascade, Campbells Soup, Muehlstein, Graham Packaging, ETC.

- *Brokerage network loads - "CH Robinson"*

Code Name

VD Vendor Number

Description:*- Carrier T Number (C.H. Robinson's "Account Code" for the carrier)***User Note 1:*****C.H. Robinson reserves the right to add new L11 Qualifiers without notification.******Note it is possible to receive multiple SI (Shipment ID) L11s.***

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	M	ID	2/2	Used

Description: Code specifying type of date

CodeList Summary (Total Codes: 137, Included: 1)

Code Name

64 Must Respond By

G6202	373	Date	M	DT	8/8	Used
-------	-----	------	---	----	-----	------

Description: Date expressed as CCYYMMDD

G6203	176	Time Qualifier	M	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	M	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. P0102 - If either G6201 or G6202 is present, then the other is required.
2. P0304 - If either G6203 or G6204 is present, then the other is required.
3. R0103 - At least one of G6201 or G6203 is required.

PLD Pallet Information

Pos: 120	Max: 1
Heading - Optional	
Loop: N/A	Elements: 1

User Option (Usage): Used

Purpose: To specify pallet information including quantity, exchange, and weight

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>
PLD01	406	Quantity of Pallets Shipped	M	N0	1/3	Must use

Description: Number of pallets shipped

User Note 1:

Total Pallets for this shipment.

Syntax Rules:

1. P0304 - If either PLD03 or PLD04 is present, then the other is required.

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: 5)

Code Name

INT General Order Instructions

OTH Other Instructions

SFM Safety Measures

Description:

The SFM qualifier will be used to communicate that a load is subject to the sanitary transportation of human and animal food (STF) rule.

SPH Special Handling

ZZZ Mutually Defined - Miles

Description:

ZZZ Qualifier is used to denote total miles

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.

User Note 1:

STF communication example:

*NTE*SFM*THIS LOAD CONTAINS CARGO SUBJECT TO THE SANITARY TRANSPORTATION OF HUMAN AND ANIMAL FOOD (STF) RULE. A FULL DESCRIPTION OF REQUIREMENTS CAN BE FOUND IN THE NTE*SFM*CARRIER TECHNOLOGY PAGE AT CHROBINSON.COM*

Loop Name - Bill To Information

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	M	1		Must use
160	N3	Address Information	O	2		Used
170	N4	Geographic Location	O	1		Used

User Note 1:

Bill To N1 Loop

N1 Loop with BT qualifer is Bill To Information. Used for LTL shipments

N1 Name

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

User Option (Usage): Must use

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	Used

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

CodeList Summary (Total Codes: 1312, Included: 1)

Code Name

BT Bill-to-Party

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. P0304 - If either N103 or N104 is present, then the other is required.
2. R0203 - At least one of N102 or N103 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: 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: 3

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)				

Syntax Rules:

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

Loop Name - Customs Broker Information

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	M	1		Must use
160	N3	Address Information	O	2		Used
170	N4	Geographic Location	O	1		Used
190	G61	Contact	O	3		Used

User Note 1:

Customs Broker N1 Loop

N1 Loop with CB qualifer is Customs Broker Information.

N1 Name

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

User Option (Usage): Must use

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	Used

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

CodeList Summary (Total Codes: 1312, Included: 1)

Code Name

CB Customs Broker

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

Description: Free-form name

Syntax Rules:

1. P0304 - If either N103 or N104 is present, then the other is required.
2. R0203 - At least one of N102 or N103 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: 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: 3

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)				

Syntax Rules:

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

G61 Contact

Pos: 190	Max: 3
Heading - Optional	
Loop: 0100	Elements: 4

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	Used

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	Used
-------	----	------	---	----	------	------

Description: Free-form name

User Note 1:

"CUSTOMS BROKER CONTACT"

G6103	365	Communication Number Qualifier	O	ID	2/2	Used
-------	-----	--------------------------------	---	----	-----	------

Description: Code identifying the type of communication number

CodeList Summary (Total Codes: 40, Included: 2)

Code Name

FX Facsimile

TE Telephone

G6104	364	Communication Number	O	AN	1/80	Used
-------	-----	----------------------	---	----	------	------

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

Syntax Rules:

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

Comments:

1. G6103 qualifies G6104.

Loop Name - C.H. Robinson Contact Info

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	M	1		Must use
190	G61	Contact	O	3		Used

User Note 1:

C.H. Robinson Contact information

N1 Loop with VI qualifer is C.H. Robinson Contact Information.

N1 Name

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

User Option (Usage): Must use

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	Used

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

CodeList Summary (Total Codes: 1312, Included: 1)

Code Name

VI Contact Person

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

Description: Free-form name

User Note 1:

"CH ROBINSON CONTACT"

Syntax Rules:

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

User Note 1:

C.H. Robinson Contact information.

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	Used

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

User Note 1:

G61_01 = ZZ

- Transportation Management Center (TMC) Logistics loads - Freight Customer
- Brokerage network loads - "CH Robinson"

CodeList Summary (Total Codes: 230, Included: 3)

Code Name

CN General Contact

Description:

C.H. Robinson Contact Information

IC Information Contact

Description:

C.H. Robinson Contact Information - Email Information

ZZ Mutually Defined

Description:

G61_01 = ZZ - C.H. Robinson Customer or Brokerage information

- Transportation Management Center (TMC) Logistics loads - Freight Customer is listed
- Brokerage network loads - "CH Robinson" is listed

Example:

G61*ZZ*JOHN DEERE - This is a TMC load. (there are several TMC customers)

G61*ZZ*CH ROBINSON - This is a Brokerage load

G6102	93	Name	M	AN	1/60	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: Free-form name				
G6103	365	Communication Number Qualifier	M	ID	2/2	Used
		Description: Code identifying the type of communication number				
		CodeList Summary (Total Codes: 40, Included: 2)				
		Code Name				
		EM Electronic Mail				
		TE Telephone				
G6104	364	Communication Number	M	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				
		User Note 1:				
		<i>C.H. Robinson representative's branch number - Will only be present on the G61 with the 'CN' qualifier.</i>				

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	M	1		Must use

N7 Equipment Details

Pos: 200	Max: 1
Heading - Mandatory	
Loop: 0200	Elements: 7

User Option (Usage): Must use

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>
N702	207	Equipment Number	M	AN	1/10	Used

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

User Note 1:

"ZZZZ" = Equipment Number Unknown at time of shipment.

N703	81	Weight	X	R	1/10	Used
------	----	---------------	---	---	------	------

Description: Numeric value of weight

User Note 1:

Total Weight

N704	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

N711	40	Equipment Type	O	ID	2/2	Used
------	----	-----------------------	---	----	-----	------

Description: Code identifying type of equipment used for shipment

CodeList Summary (Total Codes: 134, Included: 8)

Code Name

BK Container, Bulk

CN Container

DD Double-Drop Trailer

Description: *A flatbed with two drop decks*

FR Flat Bed Trailer - Removable Sides

FT Flat Bed Trailer

RT Controlled Temperature Trailer (Reefer)

TL Trailer (not otherwise specified)

TV Truck, Van

N715	567	Equipment Length	O	N0	4/5	Used
------	-----	-------------------------	---	----	-----	------

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)

N720	65	Equipment Height	O	R	1/8	Used
------	----	-------------------------	---	---	-----	------

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

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		position				
N721	189	Equipment 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. N720 and N721 are expressed in inches.

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
060	AT5	Bill of Lading Handling Requirements	O	6		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	N0	1/3	Must use

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

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

Description: Code specifying the reason for the stop

CodeList Summary (Total Codes: 19, Included: 2)

Code Name

LD Load

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: 2

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: 4)

Code Name

AO	Appointment Number
BM	Bill of Lading Number
DO	Delivery Order Number
PU	Pick Up Number

Syntax Rules:

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

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: 2)

Code Name

4	Pickup Requested Scheduled Time
5	Delivery Requested Scheduled 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	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. P0102 - If either G6201 or G6202 is present, then the other is required.
2. P0304 - If either G6203 or G6204 is present, then the other is required.
3. R0103 - At least one of G6201 or G6203 is required.

AT5 Bill of Lading Handling Requirements

Pos: 060	Max: 6
Detail - Optional	
Loop: 0300	Elements: 1

User Option (Usage): Used

Purpose: To identify Bill of Lading handling and service requirements

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
AT501	152	Special Handling Code	X	ID	2/3	Used

Description: Code specifying special transportation handling instructions

CodeList Summary (Total Codes: 526, Included: 1)

Code Name

HZD Hazardous Cargo On Deck

Syntax Rules:

1. E0103 - Only one of AT501 or AT503 may be present.
2. E0203 - Only one of AT502 or AT503 may be present.

User Note 1:

Only present on Hazmat loads.

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

OTH Other Instructions

PKG Packaging Instructions

Description:

PKG - Dimension Information. Use mainly for LTL shipments.

SPH Special Handling

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.

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: 2)

Code Name

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

ZZ Mutually Defined

N104	67	Identification Code	X	AN	2/80	Used
------	----	----------------------------	---	----	------	------

Description: Code identifying a party or other code

User Note 1:

Brokerage shipments - C.H. Robinson warehouse code (w-code)

Transportation Management Center (TMC) - Our customers location code when available. If not available, C.H. Robinson warehouse code (w-code)

Syntax Rules:

1. P0304 - If either N103 or N104 is present, then the other is required.
2. R0203 - At least one of N102 or N103 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: 3

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)				

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: 4

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

User Note 1:

If contact name is unavailable, "GENERAL CONTACT NUMBER" will be passed.

G6103	365	Communication Number Qualifier	X	ID	2/2	Used
-------	-----	--------------------------------	---	----	-----	------

Description: Code identifying the type of communication number

CodeList Summary (Total Codes: 40, Included: 2)

Code Name

EM Electronic Mail

TE Telephone

G6104	364	Communication Number	X	AN	1/80	Used
-------	-----	----------------------	---	----	------	------

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

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
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: 5

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>
OID02	324	Purchase Order Number	X	AN	1/22	Used

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

User Note 1:

If the customer PO is not available, will read "PO UNAVAILABLE"

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: 39)

Code Name

2W Bin

Description: *Storage container used as a unit of measurement*

48 Bulk Car Load

Description: *A fully loaded rail car containing dry bulk loose materials*

AB Bulk Pack

BA Bale

BC Bucket

BD Bundle

BG Bag

BN Bulk

BO Bottle

BX Box

CA Case

CP Crate

CT Carton

DR Drum

DZ Dozen

EA Each

FT Foot

GA Gallon

JR Jar

KT Kit

LF Linear Foot

PA Pail

PC Piece

PD Pad

Code Name

PK Package
 PL Pallet/Unit Load
 PR Pair
 RE Reel
 RL Roll
 S9 Slip Sheet

Description: *A cardboard platform used for holding product for storage or transportation*

SH Sheet
 SJ Sack
 ST Set
 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: 2)

Code Name

K Kilograms
 L Pounds

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

Description: Numeric value of weight

Syntax Rules:

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

LAD Lading Detail

Pos: 180	Max: 999
Detail - Optional	
Loop: 0350	Elements: 8

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	Used
		Description: Code for packaging form of the lading quantity				
		CodeList Summary (Total Codes: 134, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		PLT		Pallet		
LAD02	80	Lading Quantity	X	N0	1/7	Used
		Description: Number of units (pieces) of the lading commodity				
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)				
		User Note 1: <i>Qualifier "LG" will be used to denote Pallet Length</i>				
LAD08	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service.				
		User Note 1: <i>Length will be denoted by XXX.NN. XXX equals length in Feet, and NN equal length in inches</i>				
LAD09	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)				
		User Note 1: <i>Qualifier "W1" will be used to denote Pallet Width</i>				
LAD10	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
LAD11	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)				
		User Note 1: <i>Qualifier "HI" will be used to denote Pallet Height</i>				
LAD12	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				

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.

User Note 1:

Pallets information for this item

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: 6

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	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				
L506	87	Marks and Numbers	X	AN	1/48	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	Used
		Description: Code specifying the application or source of Marks and Numbers (87)				
		CodeList Summary (Total Codes: 20, Included: 1)				
		<u>Code</u>	<u>Name</u>			
		X	Pallet Configuration Number			
		Description: <i>Used to denote pallet position</i>				
L508	23	Commodity Code Qualifier	X	ID	1/1	Used
		Description: Code identifying the commodity coding system used for Commodity Code				
		CodeList Summary (Total Codes: 23, Included: 1)				
		<u>Code</u>	<u>Name</u>			
		N	National Motor Freight Classification (NMFC)			
		Description: <i>Used to Indicate Freight Class Code</i>				
L509	22	Commodity Code	X	AN	1/30	Used
		Description: Code describing a commodity or group of commodities				

Syntax Rules:

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

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: 4

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						
User Note 1:						
<i>"HZMT EMERGENCY CONTACT"</i>						
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						

Syntax Rules:

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

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: 4

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

CodeList Summary (Total Codes: 794, Included: 39)

Code Name

2W Bin

Description: *Storage container used as a unit of measurement*

48 Bulk Car Load

Description: *A fully loaded rail car containing dry bulk loose materials*

AB Bulk Pack
 BA Bale
 BC Bucket
 BD Bundle
 BG Bag
 BN Bulk
 BO Bottle
 BX Box
 CA Case
 CP Crate
 CT Carton
 DR Drum
 DZ Dozen
 EA Each
 FT Foot
 GA Gallon
 JR Jar
 KT Kit
 LF Linear Foot
 PA Pail
 PC Piece
 PD Pad
 PK Package
 PL Pallet/Unit Load
 PR Pair
 RE Reel
 RL Roll

Code Name

S9 Slip Sheet

Description: *A cardboard platform used for holding product for storage or transportation*

SH Sheet

SJ Sack

ST Set

SV Skid

TE Tote

TY Tray

YD Yard

Z5 Lug

ZZ Mutually Defined

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

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

Description: Code describing a commodity or group of commodities

User Note 1:

Hazardous material description

L3 Total Weight and Charges

Pos: 010	Max: 1
Summary - Optional	
Loop: N/A	Elements: 7

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	C	R	1/10	Used

Description: Numeric value of weight

L302	187	Weight Qualifier	C	ID	1/2	Used
------	-----	-------------------------	---	----	-----	------

Description: Code defining the type of weight

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

Code Name

G Gross Weight

L303	60	Freight Rate	C	R	1/9	Used
------	----	---------------------	---	---	-----	------

Description: Rate that applies to the specific commodity

L304	122	Rate/Value Qualifier	C	ID	2/2	Used
------	-----	-----------------------------	---	----	-----	------

Description: Code qualifying how to extend charges or interpret value

CodeList Summary (Total Codes: 163, Included: 9)

Code Name

CW Per Hundred Weight

Description: *Describes a transportation rate that applies to every one hundred pounds of total weight of an individual shipment*

FR Flat Rate

LB Per Pound

MM Per Metric Ton (Tonne)

PD Per Day

PM Per Mile

PP Per Piece

PR Per Hour

SY Square Yard

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

User Note 1:

Total Charges; (Freight + Accessorial)

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,

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		icing) expressed in the standard monetary denomination for the currency specified				

User Note 1:*Total Accessorial only.*

L311	80	Lading Quantity	O	N0	1/7	Used
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Description: Number of units (pieces) of the lading commodity**Syntax Rules:**

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

Semantics:

1. L305 is the total charges.

User Note 1:*L3_05 = Total Charges Including Accessorial.**L3_06 = Total Accessorial Only.**Subtract L3_06 from L3_05 for Freight Only Amount.*

SE Transaction Set Trailer

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

User Option (Usage): Used

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	N0	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:

1. 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	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				
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:

<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	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				