



AmeriCold

LOGISTICS

TRANSACTION SET SPECIFICATIONS

204 Motor Carrier Shipment Information

Description

This transaction set is used to provide the motor carrier with a detailed bill of lading, rating, and scheduling information pertinent to a motor carrier shipment. It is used to tender a shipment to a motor carrier and/or forward motor carrier shipment details to a motor carrier or third party. It is the initial shipment tender between the shipper and the motor carrier and is used as an advance pick-up notification (load tender) and/or a legal bill of lading.

Segment Layout

FUNCTIONAL GROUP: SM

<u>SEG</u>	<u>SEGMENT NAME</u>	<u>REQ</u>	<u>MAX</u>	<u>LOOP</u>
* ST	Transaction Set Header	M	1	
* B2	Beginning Segment for 204	M	1	
* B2A	Set Purpose	M	1	
Y6	Authentication	O	4	
C2	Bank Id	O	1	
C3	Currency	O	1	
ITD	Terms of Sale/Deferred Terms	O	1	
N9	Reference Number	O	10	
G62	Date/Time	O	6	
R3	Route Information - Motor	O	12	
* H3	Special Handling Instructions	O	6	
* H6	Special Services	O	6	
LH6	Hazardous Certification	O	6	
* K1	Remarks	O	10	
* N1	Name	M	1	0100
N2	Additional Name Information	O	1	0100
* N3	Address Information	M	2	0100
* N4	Geographic Location	M	1	0100
N9	Reference Number	O	5	0100
G61	Contact	O	3	0100
* N7	Equipment Details	O	1	0200
N7A	Accessorial Equipment Details	O	1	0200
N7B	Additional Equipment Details	O	1	0200
M7	Seal Numbers	O	2	0200

* Indicates Segments used by AMERICOLD.

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Segment Layout

*	S5	Stop-off Details	O	1	0300
	LAD	Lading Details	O	999	0300
	N9	Reference Number	O	10	0300
*	G62	Date/Time	O	10	0300
*	H3	Special Handling Instructions	O	6	0300
*	H6	Special Services	O	6	0300
*	N1	Name	O	1	0310
	N2	Additional Name Information	O	1	0310
*	N3	Address Information	O	2	0310
*	N4	Geographic Location	O	1	0310
	N9	Reference Number	O	5	0310
*	G61	Contact	O	3	0310
	N7	Equipment Details	O	1	0320
	N7A	Accessorial Equipment Details	O	1	0320
	N7B	Additional Equipment Details	O	1	0320
	M7	Seal Numbers	O	2	0320
*	LX	Assigned Number	O	1	0400
*	N9	Reference Number	O	5	0400
*	N9	Reference Number	O	5	0400
*	N9	Reference Number	O	5	0400
	L5	Description, Marks & Numbers	O	30	0400
	LAD	Lading Detail	O	999	0400
	H1	Hazardous Material	O	3	0400
	H2	Additional Hazardous Material	O	2	0400
*	L0	Line Item - Quantity & Weight	O	10	0400
	L1	Rate & Charges	O	10	0400
	L4	Measurements	O	10	0400
*	L7	Tariff Reference	O	10	0400
*	K1	Remarks	O	1	0400
*	K1	Remarks	O	40	0400
	G61	Contact	O	1	0410
	N9	Reference Number	O	5	0410
	LH6	Hazardous Certification	O	6	0410
	LH1	Hazardous Identification Info	O	1	0411
	LH2	Hazardous Classification Info	O	4	0411
	LH3	Hazardous Material Name	O	10	0411
	LFH	Freeform Hazardous Mat Info	O	20	0411
	LEP	EPA Required Data	O	3	0411

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Segment Layout

LH4	Canadian Dangerous Req	O	1	0411
LHT	Transborder Hazardous Req	O	3	0411
N9	Reference Number	O	5	0411
* L3	Total Weight & Charges	O	1	
* SE	Transaction Set Trailer	M	1	

* Indicates Segments used by AMERICOLD

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Mapping Detail

GS Functional Group Header - Mandatory

GS01	Functional Id	"SM" = Load Tender
GS02	Application Senders Code	"5035988651" (Modem Phone)
GS03	Application Receivers Code	Receivers Id
GS04	Data Interchange Date	Current Date YYMMDD
GS05	Data Interchange Time	Current Time HHMM
GS06	Data Interchange Control #	Unique Sequential Control #
GS07	Responsible Agency	"X" = ANSI X.12
GS08	Version	004010

ST Transaction Set Header - Mandatory

ST01	Transaction Set Identifier	"204" = Load Tender
ST02	Transaction Set Control #	Unique Sequential Control #

B2 Beginning Segment for Load Tender - Mandatory

B202	Standard Carrier Alpha Code	Carriers SCAC
B206	Shipment Identification Number	Bill of Lading Number
B208	Shipment Method of Payment	"CC" = Collect "PP" = Prepaid
B209	Status Report Request Code	"P" = Proof of Delivery Required "R" = Automatic Status Report
B210	Shipment Qualifier	"D" = Dedicated Fleet Load
B215	Freight Bill Disposition Code	"6" = No Paper Invoice

B2A Transaction Set Purpose - Mandatory

B2A01	Transaction Set Purpose Code	"00" = Original "01" = Cancellation "05" = Replacement "06" = Confirmation
B2A02	Application Type	"LT" = Load Tender

TRANSACTION SET SPECIFICATIONS

204 Motor Carrier Shipment Information

Mapping Detail

H3 - Special Handling Instructions - Optional

H301	Special Handling Code	Any Applicable Code
H302	Special Handling Description	Description of Special Handling

H6 - Special Services - Optional

H601	Special Services Code	"C1" = Shipper Load & Count "CU" = Consignee Unload "D0031" = Driver Assisted Unloading "H1" = Temperature Protection "L1" = Shipper Load - Carrier Count "PL" = Palletizing "S1" = Shipper Load - Consignee Unload "S2" = Slip Sheet, Truck "XX" = Third Part Pallets
H602	Special Services Code	Same as code listed in H601
H603	Qty of Pallets Shipped	Number of Pallets Shipped
H604	Pallet Exchange Code	"1" = No Exchange/No Return "2" = Exchange Pallets "3" = Return Pallets "4" = Pallet Purchase By Cust.

K1 - Remarks - Optional

K101	Free-Form Message	Free From Messages about Load
K102	Free-Form Message	Free Form Messages about Load

N1 - Name (0100 Loop) - Mandatory

N101	Entity Code	"BT" = Bill To
N102	Name	Bill To Name
N103	ID Code Qualifier	"12" = Phone Number
N104	ID Code	Bill To Phone Number

N3 - Address (0100 Loop) - Mandatory

N301	Address Information	Address
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204 Motor Carrier Shipment Information

Mapping Detail

N4 - Geographic Location (0100 Loop) - Mandatory

N401	City	City Name
N402	State/Province Code	State
N403	Postal Code	Zip Code
N404	Country Code	Not used for US shipments

N7 Equipment Details (0200 Loop) - Optional

N702	Equipment Number	"0" = No Trailer Spotted
N703	Weight	Gross Weight of Shipment
N704	Weight Qualifier	"G" = Gross Weight
N708	Volume	Cubic Feet Required
N709	Volume Qualifier	"E" = Cubic Feet
N711	Equipment Description Code	"RT" = Temp Controlled Reefer "TF" = Trailer - Dry Freight

S5 Stop-off Details (0300 Loop) - Optional

S501	Stop Sequence Number	Stop Number
S502	Stop Reason Code	"LD" = Load/Part Load "UL" = Part Unload "CU" = Complete Unload/ Last Stop
S503	Weight	Gross Weight for Stop
S504	Weight Qualifier	"L" = Pounds
S505	Number of Units Shipped	Number of Units Shipped
S506	Unit of Measure Code	"BX" = Boxes "CA" = Cases "CT" = Cartons "PC" = Pieces "PL" = Pallets/Unit Load
S509	Description	Description of Items

G62 Date/Time (0300 Loop) - Optional

G6201	Date Qualifier	"68" = Requested Dlvry Date "10" = Requested Ship/Pickup
G6202	Date	Date YYMMDD
G6203	Time Qualifier	"Y" = Requested Pickup Time "Z" = Requested Dlvry Time
G6204	Time	Time HHMMSS
G6205	Time Code	"LT" = Local Time

TRANSACTION SET SPECIFICATIONS

204 Motor Carrier Shipment Information

Mapping Detail

H3 Special Handling Instructions (0300 Loop) - Optional

H301	Special Handling Code	Code Specifying Type of Special Handling
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H6 Special Services (0300 Loop) - Optional

H601	Special Services Code	"C1" = Shipper Load & Count "CU" = Consignee Unload "D0031" = Driver Assisted Unload "H1" = Temperature Protection "L1" = Shipper Load Carrier Count "PL" = Palletizing "S1" = Shipper Load - Consignee Unload "S2" = Slip Sheet - Truck
H602	Special Services Code	Same as in H601

N1 - Name (0310 Loop) - Optional

N101	Entity Code	"SF" = Ship From "CN" = Consignee
N102	Name	Ship From/Ship To Names
N103	Id Code Qualifier	"9"
N104	Id Code	DUNS + 4 Didget Suffix

N3 - Address (0310 Loop) - Optional

N301	Address Information	Address
N302	Address Information	Additional Address

N4 - Geographic Location (0310 Loop) - Optional

N401	City	City Name
N402	State/Province Code	State
N403	Postal Code	Zip Code
N404	Country Code	Not used for US shipments

TRANSACTION SET SPECIFICATIONS

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Mapping Detail

G61 Contact (0310 Loop) - Optional

G6101	Contact Function Code	"OC" = Order Contact "RE" = Receiving Contact
G6102	Name	Contact Name
G6103	Communications Number Qual	"TE" = Telephone Number
G6104	Communications Number	Telephone Number

LX Assigned Number (400 Loop) - Optional

LX01 Assigned Number

N9 Reference Number (0400 Loop) - Optional

N901	Reference Number Qualifier	"QN" = Stop Sequence Number
N902	Reference Number	Number specified above

N9 Reference Number (0400 Loop) - Optional

N901	Reference Number Qualifier	"CO" = Customer Order/Reference Number "PO" = Purchase Order Number "DO" = Delivery Order Number
N902	Reference Number	Number specified above

L0 Line Item, Quantity and Weight - Optional

L004	Weight	Gross Weight
L005	Weight Qualifier	G = Gross
L008	Quantity	Number of Units
L009	Packaging Form Code	"CAS" = Cases "PCS" = Pieces

L7 Tariff Reference - Optional

L713	Tariff Distance	Miles for load (Rand McNally)
L714	Distance Qualifier	"T" = Tariff Miles

K1 - Remarks - Optional

K101	Free-Form Message	Name of Product Owner
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Mapping Detail

K1 - Remarks - Optional

K101	Free-Form Message	Free Form Message about Stop
K101	Free-Form Message	Free Form Message about Stop

L3 Total Weight and Charges - Optional

L301	Weight	Gross Weight
L302	Weight Qualifier	"G" = Gross Weight
L305	Charge	Total Charges
L309	Volume	Total Volume
L310	Volume Unit Qualifier	"E" = Cubic Feet
L311	Lading Quantity	Number of Units

SE Transaction Set Trailer - Mandatory

SE01	Number of Included Segments	Total # of Segment in Transaction Set
SE02	Transaction Set Control #	Taken from ST02

TRANSACTION SET SPECIFICATIONS

204 Motor Carrier Shipment Information

Example

GS*SM*5035988651*ABCD1234*940704*1300*12345*X*004010N/L
ST*204*1234501N/L
B2**TRUK*****555111**CC*R*****6N/L
B2A*00*LTN/L
G62*10*940710*Y*080000N/L
H3*MRF*MUST BE KEPT AT ZERO DEGREES FN/L
H6*S1*PL*0*1N/L
K1*SEND APPOINTMENT BACK ASAP*THANKS MINDYN/L
N1*BT*AMERICOLD TRANSPORTATION*12*5036248585N/L
N3*7007 S.W. CARDINAL LN, #135N/L
N4*PORTLAND*OR*97224N/L
N1*SF*AMERICOLD*9*007909161090N/L
N3*3245 ROAD "N"*PO BOX 399N/L
N4*MOSES LAKE*WA*98837N/L
G61*OC*JENNIFER BROBERG*TE*5092345691N/L
N7**0*32000*G****700*E**RTN/L
S5*01*LD*32000*L*295*CSN/L
G62*10*940710*Y*080000 N/L
H6*PL*C1N/L
N1*SF*AMERICOLD*9*007909161070N/L
N3*720 WEST JUNIPER STREET*PO BOX 606N/L
N4*CONNELL*WA*99326N/L
G61*OC*JOHN LEFLER*TE*5092345691N/L
S5*02*LD*12000*L*115*CSN/L
G62*68*940711*Z*120000N/L
H3*EP*EXPIDITE THIS PORTION OF SHIPMENTN/L
H6*CUN/L
N1*CN*ABC MARKETS, INC*ZZ*3096N/L
N3*1220 MARKET SQUARE*1ST FLOORN/L
N4* CONNELL*WA*99326N/L
G61*RE*HARROLD MAXWELL*TE*5099236465N/L
S5*03*UL*11000*L*104*CSN/L
G62*68*940711*Z*130000N/L
H6*CUN/L
N1*CN*STOP N' SHOP*ZZ*4228N/L
N3*6260 GINGER ROADN/L
N4* CONNELL*WA*99325N/L
G61*RE*JANE PITMORE*TE*5099335252N/L
S5*04*CU*9000*L*82*CSN/L
G62*68*940711*Z*150000N/L
H6*D0031N/L
N1*CN*FOOD SALES, INC*ZZ*4228N/L
N3*BOX 767 MARELL STREETN/L
N4* BOXTON*WA*99334N/L
G61*RE*BILL/MARY*TE*5099943333N/L

S5*04*CU*9000*L*82*CSN/L
G62*68*940711*Z*150000N/L
H6*D0031N/L
N1*CN*FOOD SALES, INC*ZZ*4228N/L
N3*BOX 767 MARELL STREETN/L
N4* BOXTON*WA*99334N/L
G61*RE*BILL/MARY*TE*5099943333N/L
LX*1N/L
N9*QN*1N/L
N9*CO*3336161N/L
N9*DO*123456789N/L
L7*****895*TN/L
LX*2N/L
N9*QN*1N/L
N9*CO*3336162N/L
N9*DO*234567890N/L
L7*****895*TN/L
K1*LOADING HOURS 8-5*PALLETTS REQUIREDN/L
LX*3N/L
N9*QN*2N/L
N9*CO*3336163N/L
N9*DO*345678901N/L
L7*****895*TN/L
K1*LOADING HOURS 10-6*SLIPSHEET LOADINGN/L
LX*4N/L
N9*QN*3N/L
N9*PO*27123N/L
N9*DO*123456789N/L
L0****11000*G***104*CASN/L
K1*PET FOODSN/L
LX*5N/L
N9*QN*3N/L
N9*PO*K5032N/L
N9*DO*234567890N/L
L0****9000*G***82*CASN/L
LX*6N/L
N9*QN*4N/L
N9*PO*602436N/L
N9*DO*123456789N/L
L0****9000*G***82*CASN/L
K1*ORE-IDA FOODS, INCN/L
L3*32000*G*****700*E*295N/L
SE*1*1234501N/L
GE*1*12345N/L