

# **Boscov's**

Electronic Data Interchange

## **212 – Motor Carrier Delivery Trailer Manifest** (Version - 4010)

January 2006

Powered By:





## Communication IDs

### **Testing**

S/R ID: ZZ-BOS212

Account/User ID: INOVIS4/BOS212

VAN: IBM/INOVIS

### **Production**

S/R ID: 01/014492501

Account/User ID: VANS, HAMAIL

VAN: INOVIS

## Delimiters

### **Element Separator - “\*”**

(HEX “2A” in ASCII)      (HEX “5C” in EBCDIC)

### **Component (Sub Element) Separator - “>”**

(HEX “3E” in ASCII)      (HEX “6E” in EBCDIC)

### **Segment Terminator - “~”**

(HEX “7E” in ASCII)      (HEX “A1” in EBCDIC)

## Need an EDI Solution?

We have selected INOVIS Corporation to administer our EDI operations and to enable our trading partners. For those trading partners who do not trade documents electronically, INOVIS offers a number of electronic commerce solutions to assist you.

For Service Bureau, call 1-800-872-8255. Select Option 2, then Option 3.

For all other solutions, call 1-800-872-8255. Select Option 1, then Option 4.

# 212 Boscov's Motor Carrier Delivery Trailer Manifest

Functional Group ID= **TM**

## Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Motor Carrier Delivery Trailer Manifest Transaction Set (212) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to allow motor carriers to provide consignees or other interested parties with the contents of a trailer, containing multiple shipments, that has been tendered for delivery. It is not to be used to provide the recipient with data relative to a full truckload shipment.

## Heading:

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
010	ISA	Interchange Control Header	O	1		
005	GS	Functional Group Header	O	1		

## Detail:

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
M	010	ST	Transaction Set Header	M	1	
M	020	ATA	Beginning Segment for Motor Carrier Delivery Trailer Manifest	M	1	
M	030	B2A	Set Purpose	M	1	
LOOP ID - 0100					1	
Required	050	N1	Name	O	1	n1
Required	070	N3	Address Information	O	2	
Required	080	N4	Geographic Location	O	1	
	090	G61	Contact	O	1	
LOOP ID - 0150					1	
M	120	AT7	Shipment Status Details	M	1	n2
Required	130	G62	Date/Time	O	5	
	140	MS1	Equipment, Shipment, or Real Property Location	O	1	
LOOP ID - 0160					1	
Required	150	MS2	Equipment or Container Owner and Type	O	1	
Required	160	M7	Seal Numbers	O	1	
	170	AT9	Trailer or Container Dimension and Weight	O	1	

## Summary:

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
LOOP ID - 0200					9999	
Required	010	LX	Assigned Number	O	1	n3
Required	020	L11	Business Instructions and Reference Number	O	10	
	030	BLR	Transportation Carrier Identification	O	1	n4
	040	MAN	Marks and Numbers	O	9999	
Required	050	AT8	Shipment Weight, Packaging and Quantity Data	O	1	
Required	060	G62	Date/Time	O	5	
	070	TSD	Trailer Shipment Details	O	1	n5
LOOP ID - 0210					999999	
Rec	080	SPO	Shipment Purchase Order Detail	O	1	
	090	SDQ	Destination Quantity	O	9999	
LOOP ID - 0220					1	

Required	100	N1	Name	O	1	n6
Required	120	N3	Address Information	O	2	
Required	130	N4	Geographic Location	O	1	
M	150	SE	Transaction Set Trailer	M	1	
	160	GE	Functional Group Trailer	O	1	
	170	IEA	Interchange Control Trailer	O	1	

## Transaction Set Notes

1. Loop 0100 provides the location where the carrier will deliver the trailer.
2. The AT7 segment provides the status of all of the shipments on the trailer.
3. Loop 0200 provides the specific details concerning all of the shipments included in the manifest. There will be one iteration of loop 0200 for each shipment contained in the manifest. The most common way to identify the shipments is by the PRO number assigned by the carrier.
4. The BLR segment shall only be used when the carrier delivering the freight is not the carrier that picked up the freight. The pick-up carrier shall be identified by its Standard Carrier Alpha Code (SCAC).
5. For use of the TSD segment in transaction set 212 the only codes that can be used in TSD02 are as follows: 1 - indicates that the shipment is in the first quarter of the trailer (closest to the nose of the trailer); 2 - indicates that the shipment is in the second quarter of the trailer; 3 - indicates that the shipment is in the third quarter of the trailer; 4 - indicates that the shipment is in the fourth quarter of the trailer (closest to the rear door of the trailer).
6. Loop 0220 shall only be used to provide the identification of the shipper if the carrier has not provided that information in a previous shipment status message.

**Segment:** **ISA** Interchange Control Header  
**Position:** 010  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To start and identify an interchange of zero or more functional groups and interchange-related control segments

**Notes:** Example:  
 ISA\*00\* \*00\* \*02\*RDWY \*01\*014492501  
 \*020513\*1200\*U\*0400\*000001500\*P\*>~

#### Data Element Summary

Ref.	Data Element	Name	Attributes
M	ISA01	<b>I01 Authorization Information Qualifier</b> Code to identify the type of information in the Authorization Information 00 No Authorization Information Present (No Meaningful Information in I02)	M ID 2/2
M	ISA02	<b>I02 Authorization Information</b> Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)	M AN 10/10
M	ISA03	<b>I03 Security Information Qualifier</b> Code to identify the type of information in the Security Information 00 No Security Information Present (No Meaningful Information in I04)	M ID 2/2
M	ISA04	<b>I04 Security Information</b> This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)	M AN 10/10
M	ISA05	<b>I05 Interchange ID Qualifier</b> Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified	M ID 2/2
M	ISA06	<b>I06 Interchange Sender ID</b> 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	M AN 15/15
M	ISA07	<b>I05 Interchange ID Qualifier</b> Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified 01 Duns (Dun & Bradstreet)	M ID 2/2
M	ISA08	<b>I07 Interchange Receiver ID</b> 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 014492501	M AN 15/15
M	ISA09	<b>I08 Interchange Date</b> Date of the interchange	M DT 6/6
M	ISA10	<b>I09 Interchange Time</b> Time of the interchange	M TM 4/4
M	ISA11	<b>I10 Interchange Control Standards Identifier</b> Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer	M ID 1/1
M	ISA12	<b>I11 Interchange Control Version Number</b> This version number covers the interchange control segments 00401 Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997	M ID 5/5
M	ISA13	<b>I12 Interchange Control Number</b>	M N0 9/9

M	ISA14	I13	<p>A control number assigned by the interchange sender</p> <p><b>Acknowledgment Requested</b></p> <p>Code sent by the sender to request an interchange acknowledgment (TA1)</p> <p>0                                      No Acknowledgment Requested</p>	M    ID 1/1
M	ISA15	I14	<p><b>Usage Indicator</b></p> <p>Code to indicate whether data enclosed by this interchange envelope is test, production or information</p> <p>P                                      Production Data</p> <p>T                                      Test Data</p>	M    ID 1/1
M	ISA16	I15	<p><b>Component Element Separator</b></p> <p>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</p>	M    AN 1/1

**Segment:** **GS** Functional Group Header  
**Position:** 005  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To indicate the beginning of a functional group and to provide control information  
**Notes:** Example:

GS\*TM\*SCAC\*014492501\*20020513\*1200\*1500\*X\*004010~

**Data Element Summary**

Ref.	Data Des.	Element	Name	Attributes
M	GS01	479	<b>Functional Identifier Code</b> Code identifying a group of application related transaction sets TM Motor Carrier Delivery Trailer Manifest (212)	M ID 2/2
M	GS02	142	<b>Application Sender's Code</b> Code identifying party sending transmission; codes agreed to by trading partners	M AN 2/15
M	GS03	124	<b>Application Receiver's Code</b> Code identifying party receiving transmission; codes agreed to by trading partners 014492501	M AN 2/15
M	GS04	373	<b>Date</b> Date expressed as CCYYMMDD	M DT 8/8
M	GS05	337	<b>Time</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	M TM 4/8
M	GS06	28	<b>Group Control Number</b> Assigned number originated and maintained by the sender	M N0 1/9
M	GS07	455	<b>Responsible Agency Code</b> Code used in conjunction with Data Element 480 to identify the issuer of the standard X Accredited Standards Committee X12	M ID 1/2
M	GS08	480	<b>Version / Release / Industry Identifier Code</b> 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 004010 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997	M AN 1/12

**Segment:** **ST** Transaction Set Header  
**Position:** 010  
**Loop:**  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the start of a transaction set and to assign a control number  
**Notes:** Example:  
 ST\*212\*0001~

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>		<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
M	ST01	143	<b>Transaction Set Identifier Code</b> Code uniquely identifying a Transaction Set 212 Motor Carrier Delivery Trailer Manifest	M ID 3/3
M	ST02	329	<b>Transaction Set Control Number</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9

**Segment:** **ATA** Beginning Segment for Motor Carrier Delivery Trailer Manifest  
**Position:** 020  
**Loop:**  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To transmit identifying numbers and other basic data relating to the Motor Carrier Delivery Trailer Manifest Transaction Set  
**Notes:** Example:  
 ATA\*SCAC\*020513123123123\*20020513~

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	ATA01	140	Standard Carrier Alpha Code Standard Carrier Alpha Code	M ID 2/4
M	ATA02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
Required	ATA03	373	Date Date expressed as CCYYMMDD	O DT 8/8

**Segment:** **B2A** Set Purpose  
**Position:** 030  
**Loop:**  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To allow for positive identification of transaction set purpose  
**Notes:** Example:  
 B2A\*00\*TM~

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	B2A01	353	<b>Transaction Set Purpose Code</b> Code identifying purpose of transaction set 00 Original 01 Cancellation 02 Add 05 Replace 06 Confirmation SU Status Update	M ID 2/2
Required	B2A02	346	<b>Application Type</b> Code identifying an application TM Trailer Manifest	O ID 2/2

**Segment:** N1 Name  
**Position:** 050  
**Loop:** 0100 Optional (Must Use)  
**Level:** Detail  
**Usage:** Optional (Must Use)  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name, and code  
**Notes:** Example:  
 N1\*ST\*BOSCOV'S\*92\*01230~

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	N101	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual ST, CN or BY is Acceptable BY Buying Party (Purchaser) CN Consignee ST Ship To	M ID 2/3
Required	N102	93	<b>Name</b> Free-form name	X AN 1/60
Required	N103	66	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67) 92 Assigned by Buyer or Buyer's Agent	X ID 1/2
Required	N104	67	<b>Identification Code</b> Code identifying a party or other code Boscov's 5 Digit Store Number	X AN 2/80

**Segment:** N3 Address Information  
**Position:** 070  
**Loop:** 0100 Optional (Must Use)  
**Level:** Detail  
**Usage:** Optional (Must Use)  
**Max Use:** 2  
**Purpose:** To specify the location of the named party  
**Notes:** Example:  
 N3\*111 MAIN STREET~

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	N301	166	Address Information Address information	M AN 1/55
	N302	166	Address Information Address information	O AN 1/55

**Segment:** N4 Geographic Location  
**Position:** 080  
**Loop:** 0100 Optional (Must Use)  
**Level:** Detail  
**Usage:** Optional (Must Use)  
**Max Use:** 1  
**Purpose:** To specify the geographic place of the named party  
**Notes:** Example:  
 N4\*READING\*PA\*18324~

**Data Element Summary**

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

**Segment:** **G61** Contact  
**Position:** 090  
**Loop:** 0100 Optional (Must Use)  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To identify a person or office to whom communications should be directed  
**Notes:** Example:  
 G61\*CA\*FRED JONES~

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	G6101	366	<b>Contact Function Code</b> Code identifying the major duty or responsibility of the person or group named CA Customer Contact Granting Appointment	M ID 2/2
M	G6102	93	<b>Name</b> Free-form name	M AN 1/60
	G6103	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number	X ID 2/2
	G6104	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	X AN 1/80
	G6105	443	<b>Contact Inquiry Reference</b> Additional reference number or description to clarify a contact number	O AN 1/20

**Segment:** **AT7** Shipment Status Details  
**Position:** 120  
**Loop:** 0150 Mandatory  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify the status of a shipment, the reason for that status, the date and time of the status and the date and time of any appointments scheduled.  
**Notes:** Example:  
 AT7\*AV\*NS\*\*\*20020513\*0248\*ET~

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Required	AT701	1650	<b>Shipment Status Code</b> Code indicating the status of a shipment AV Available for Delivery	X ID 2/2
Required	AT702	1651	<b>Shipment Status or Appointment Reason Code</b> Code indicating the reason a shipment status or appointment reason was transmitted NS Normal Status	X ID 2/2
Required	AT705	373	<b>Date</b> Date expressed as CCYYMMDD	X DT 8/8
Required	AT706	337	<b>Time</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X TM 4/8
	AT707	623	<b>Time Code</b> Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	O ID 2/2

**Segment:** **G62** Date/Time  
**Position:** 130  
**Loop:** 0150 Mandatory  
**Level:** Detail  
**Usage:** Optional (Must Use)  
**Max Use:** 5  
**Purpose:** To specify pertinent dates and times  
**Notes:** Example:

G62\*CL\*20020513~  
 G62\*17\*20020513~

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Required	G6201	432	<b>Date Qualifier</b> Code specifying type of date 17 or 70 is Required 17 Estimated Delivery Date 70 Scheduled Delivery Date CL Date Loading Completed	<b>X ID 2/2</b>
Required	G6202	373	<b>Date</b> Date expressed as CCYYMMDD	<b>X DT 8/8</b>
	G6203	176	<b>Time Qualifier</b> Code specifying the reported time	<b>X ID 1/2</b>
	G6204	337	<b>Time</b> 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)	<b>X TM 4/8</b>
	G6205	623	<b>Time Code</b> 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	<b>O ID 2/2</b>

**Segment:** **MS1** Equipment, Shipment, or Real Property Location  
**Position:** 140  
**Loop:** 0150 Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the location of a piece of equipment, a shipment, or real property in terms of city and state or longitude and latitude  
**Notes:** Example:  
 MS1\*CLEVELAND\*OH\*US~

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Required	MS101	19	City Name Free-form text for city name	X AN 2/30
Required	MS102	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	X ID 2/2
	MS103	26	Country Code Code identifying the country	X ID 2/3

**Segment:** **MS2** **Equipment or Container Owner and Type**  
**Position:** 150  
**Loop:** 0160 Optional (Must Use)  
**Level:** Detail  
**Usage:** Optional (Must Use)  
**Max Use:** 1  
**Purpose:** To specify the owner, the identification number assigned by that owner, and the type of equipment  
**Notes:** Example:  
 MS2\*RDWY\*1234567890\*TL~

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Required	MS201	140	<b>Standard Carrier Alpha Code</b> Standard Carrier Alpha Code	X ID 2/4
Required	MS202	207	<b>Equipment Number</b> Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)	X AN 1/10
Required	MS203	40	<b>Equipment Description Code</b> Code identifying type of equipment used for shipment TL Trailer (not otherwise specified)	O ID 2/2
	MS204	761	<b>Equipment Number Check Digit</b> Number which designates the check digit applied to a piece of equipment	O N0 1/1

**Segment:** **M7 Seal Numbers**  
**Position:** 160  
**Loop:** 0160 Optional (Must Use)  
**Level:** Detail  
**Usage:** Optional (Must Use)  
**Max Use:** 1  
**Purpose:** To record seal numbers used and the organization that applied the seals  
**Notes:** Example:  
M7\*12345A~

**Data Element Summary**

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	M701	225 Seal Number	M AN 2/15
		Unique number on seal used to close a shipment	
	M702	225 Seal Number	O AN 2/15
		Unique number on seal used to close a shipment	
	M703	225 Seal Number	O AN 2/15
		Unique number on seal used to close a shipment	
	M704	225 Seal Number	O AN 2/15
		Unique number on seal used to close a shipment	
	M705	98 Entity Identifier Code	O ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		CA Carrier	

**Segment:** **AT9** Trailer or Container Dimension and Weight  
**Position:** 170  
**Loop:** 0160 Optional (Must Use)  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify trailer or container dimensions  
**Notes:** Example:  
 AT9\*2800\*96\*102\*G\*L\*22000~

**Data Element Summary**

	<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
	<b>Des.</b>	<b>Element</b>		
Required	AT901	567	<b>Equipment Length</b> 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)	<b>O N0 4/5</b>
Required	AT902	65	<b>Height</b> Vertical dimension of an object measured when the object is in the upright position	<b>O R 1/8</b>
Required	AT903	189	<b>Width</b> Shorter measurement of the two horizontal dimensions measured with the object in the upright position	<b>O R 1/8</b>
	AT904	187	<b>Weight Qualifier</b> Code defining the type of weight G Gross Weight	<b>X ID 1/2</b>
	AT905	188	<b>Weight Unit Code</b> Code specifying the weight unit L Pounds	<b>X ID 1/1</b>
	AT906	81	<b>Weight</b> Numeric value of weight	<b>X R 1/10</b>

**Segment:** **LX** Assigned Number  
**Position:** 010  
**Loop:** 0200 Optional (Must Use)  
**Level:** Summary  
**Usage:** Optional (Must Use)  
**Max Use:** 1  
**Purpose:** To reference a line number in a transaction set  
**Notes:** Example:  
 LX\*1~

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	LX01	554	Assigned Number Number assigned for differentiation within a transaction set	M N0 1/6

**Segment:** **L11 Business Instructions and Reference Number**  
**Position:** 020  
**Loop:** 0200 Optional (Must Use)  
**Level:** Summary  
**Usage:** Optional (Must Use)  
**Max Use:** 10  
**Purpose:** To specify instructions in this business relationship or a reference number  
**Notes:** Example:  
 L11\*CN\*2736255693~  
 L11\*BM\*209567~

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Required	L1101	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
Required	L1102	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification BM is Recommended CN is Required	X ID 2/3
			BM Bill of Lading Number CN Carrier's Reference Number (PRO/Invoice) DP Department Number SI Shipper's Identifying Number for Shipment (SID) SO Shipper's Order (Invoice Number) ST Store Number	
	L1103	352	<b>Description</b> A free-form description to clarify the related data elements and their content	X AN 1/80

**Segment:** **BLR** Transportation Carrier Identification  
**Position:** 030  
**Loop:** 0200 Optional (Must Use)  
**Level:** Summary  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To transmit the identifying SCAC code and effective date for the data in the transaction set  
**Notes:** Example:  
 BLR\*RDWY\*20020525~

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	BLR01	140	Standard Carrier Alpha Code Standard Carrier Alpha Code Previous Carrier	M ID 2/4
	BLR02	373	Date Date expressed as CCYYMMDD	O DT 8/8

**Segment:** **MAN** Marks and Numbers  
**Position:** 040  
**Loop:** 0200 Optional (Must Use)  
**Level:** Summary  
**Usage:** Optional  
**Max Use:** 9999  
**Purpose:** To indicate identifying marks and numbers for shipping containers  
**Notes:** Example:  
 MAN\*GM\*00002562720000000010~

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
M	MAN01	88 <b>Marks and Numbers Qualifier</b> Code specifying the application or source of Marks and Numbers (87) GM SSCC-18 and Application Identifier	M ID 1/2
M	MAN02	87 <b>Marks and Numbers</b> Marks and numbers used to identify a shipment or parts of a shipment	M AN 1/48
	MAN03	87 <b>Marks and Numbers</b> Marks and numbers used to identify a shipment or parts of a shipment	O AN 1/48

**Segment:** **AT8** Shipment Weight, Packaging and Quantity Data  
**Position:** 050  
**Loop:** 0200 Optional (Must Use)  
**Level:** Summary  
**Usage:** Optional (Must Use)  
**Max Use:** 1  
**Purpose:** To specify shipment details in terms of weight, and quantity of handling units  
**Notes:** Example:  
 AT8\*G\*L\*3000\*5~

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Required	AT801	187	<b>Weight Qualifier</b> Code defining the type of weight B, G or N is Acceptable B Billed Weight G Gross Weight N Actual Net Weight	X ID 1/2
Required	AT802	188	<b>Weight Unit Code</b> Code specifying the weight unit L Pounds	X ID 1/1
Required	AT803	81	<b>Weight</b> Numeric value of weight	X R 1/10
Required	AT804	80	<b>Lading Quantity</b> Number of units (pieces) of the lading commodity Carton Count	O N0 1/7
	AT805	80	<b>Lading Quantity</b> Number of units (pieces) of the lading commodity Pallet Count	O N0 1/7
	AT806	184	<b>Volume Unit Qualifier</b> Code identifying the volume unit E Cubic Feet	X ID 1/1
	AT807	183	<b>Volume</b> Value of volumetric measure	X R 1/8

**Segment:** **G62** Date/Time  
**Position:** 060  
**Loop:** 0200 Optional (Must Use)  
**Level:** Summary  
**Usage:** Optional (Must Use)  
**Max Use:** 5  
**Purpose:** To specify pertinent dates and times  
**Notes:** Example:  
 G62\*86\*20020530~

**Data Element Summary**

	<b>Ref.</b>	<b>Data</b>	<b>Attributes</b>
	<b>Des.</b>	<b>Element Name</b>	
Required	G6201	432 <b>Date Qualifier</b> Code specifying type of date 86 Actual Pickup Date	X ID 2/2
Required	G6202	373 <b>Date</b> Date expressed as CCYYMMDD	X DT 8/8
	G6203	176 <b>Time Qualifier</b> Code specifying the reported time	X ID 1/2
	G6204	337 <b>Time</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X TM 4/8
	G6205	623 <b>Time Code</b> Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	O ID 2/2

**Segment:** **TSD** Trailer Shipment Details  
**Position:** 070  
**Loop:** 0200 Optional (Must Use)  
**Level:** Summary  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify details of shipments on a trailer  
**Notes:** Example:  
 TSD\*1\*4~

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Required	TSD01	350	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set	<b>O AN 1/20</b>
Required	TSD02	219	<b>Position</b> Relative position of shipment in car, trailer, or container (mutually defined) Valid Codes: 1 = 1st Quarter - Close To Trailer Nose 2 = 2nd Quarter 3 = 3rd Quarter 4 = 4th Quarter - Close to Rear Door	<b>O AN 1/3</b>

**Segment:** **SPO** Shipment Purchase Order Detail  
**Position:** 080  
**Loop:** 0210 Optional (Recommended)  
**Level:** Summary  
**Usage:** Optional (Recommended)  
**Max Use:** 1  
**Purpose:** To specify the purchase order details for a shipment  
**Usage Notes:** Boscov's Requires This Segment When Available  
**Notes:** Example:  
 SPO\*123456\*12\*CT\*134~

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	SPO01	324	<b>Purchase Order Number</b> Identifying number for Purchase Order assigned by the orderer/purchaser Boscov's 6 Digit PO Number	M AN 1/22
Rec	SPO02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Boscov's Requires This Element When Available Boscov's 5 Digit Department Number	O AN 1/30
Required	SPO03	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken CT Carton	X ID 2/2
Required	SPO04	380	<b>Quantity</b> Numeric value of quantity Carton Count	X R 1/15
	SPO05	188	<b>Weight Unit Code</b> Code specifying the weight unit L Pounds	X ID 1/1
	SPO06	81	<b>Weight</b> Numeric value of weight	X R 1/10

**Segment:** **SDQ** Destination Quantity  
**Position:** 090  
**Loop:** 0210 Optional (Recommended)  
**Level:** Summary  
**Usage:** Optional  
**Max Use:** 9999  
**Purpose:** To specify destination and quantity detail  
**Notes:** Example:  
 SDQ\*CT\*92\*01234\*13~

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	SDQ01	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken CT Carton	M ID 2/2
Required	SDQ02	66	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67) 92 Assigned by Buyer or Buyer's Agent	O ID 1/2
M	SDQ03	67	<b>Identification Code</b> Code identifying a party or other code Boscov's 5 Digit Store Number	M AN 2/80
M	SDQ04	380	<b>Quantity</b> Numeric value of quantity Carton Count	M R 1/15
	SDQ05	67	<b>Identification Code</b> Code identifying a party or other code Boscov's 5 Digit Store Number	X AN 2/80
	SDQ06	380	<b>Quantity</b> Numeric value of quantity Carton Count	X R 1/15
	SDQ07	67	<b>Identification Code</b> Code identifying a party or other code Boscov's 5 Digit Store Number	X AN 2/80
	SDQ08	380	<b>Quantity</b> Numeric value of quantity Carton Count	X R 1/15
	SDQ09	67	<b>Identification Code</b> Code identifying a party or other code Boscov's 5 Digit Store Number	X AN 2/80
	SDQ10	380	<b>Quantity</b> Numeric value of quantity Carton Count	X R 1/15
	SDQ11	67	<b>Identification Code</b> Code identifying a party or other code Boscov's 5 Digit Store Number	X AN 2/80
	SDQ12	380	<b>Quantity</b> Numeric value of quantity Carton Count	X R 1/15
	SDQ13	67	<b>Identification Code</b> Code identifying a party or other code Boscov's 5 Digit Store Number	X AN 2/80
	SDQ14	380	<b>Quantity</b> Numeric value of quantity Carton Count	X R 1/15
	SDQ15	67	<b>Identification Code</b> Code identifying a party or other code Boscov's 5 Digit Store Number	X AN 2/80

<b>SDQ16</b>	<b>380</b>	<b>Quantity</b> Numeric value of quantity Carton Count	<b>X</b>	<b>R 1/15</b>
<b>SDQ17</b>	<b>67</b>	<b>Identification Code</b> Code identifying a party or other code Boscov's 5 Digit Store Number	<b>X</b>	<b>AN 2/80</b>
<b>SDQ18</b>	<b>380</b>	<b>Quantity</b> Numeric value of quantity Carton Count	<b>X</b>	<b>R 1/15</b>
<b>SDQ19</b>	<b>67</b>	<b>Identification Code</b> Code identifying a party or other code Boscov's 5 Digit Store Number	<b>X</b>	<b>AN 2/80</b>
<b>SDQ20</b>	<b>380</b>	<b>Quantity</b> Numeric value of quantity Carton Count	<b>X</b>	<b>R 1/15</b>
<b>SDQ21</b>	<b>67</b>	<b>Identification Code</b> Code identifying a party or other code Boscov's 5 Digit Store Number	<b>X</b>	<b>AN 2/80</b>
<b>SDQ22</b>	<b>380</b>	<b>Quantity</b> Numeric value of quantity Carton Count	<b>X</b>	<b>R 1/15</b>

**Segment:** N1 Name  
**Position:** 100  
**Loop:** 0220 Optional (Must Use)  
**Level:** Summary  
**Usage:** Optional (Must Use)  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name, and code  
**Notes:** Example:  
 N1\*SF\*SUPPLIER~

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	N101	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual SF or SH is Acceptable SF Ship From SH Shipper	M ID 2/3
Required	N102	93	<b>Name</b> Free-form name	X AN 1/60
	N103	66	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67)	X ID 1/2
	N104	67	<b>Identification Code</b> Code identifying a party or other code	X AN 2/80

**Segment:** N3 Address Information  
**Position:** 120  
**Loop:** 0220 Optional (Must Use)  
**Level:** Summary  
**Usage:** Optional (Must Use)  
**Max Use:** 2  
**Purpose:** To specify the location of the named party  
**Notes:** Example:  
 N3\*111 MAIN STREET\*SUITE 600~

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	N301	166	Address Information Address information	M AN 1/55
	N302	166	Address Information Address information	O AN 1/55

**Segment:** N4 Geographic Location  
**Position:** 130  
**Loop:** 0220 Optional (Must Use)  
**Level:** Summary  
**Usage:** Optional (Must Use)  
**Max Use:** 1  
**Purpose:** To specify the geographic place of the named party  
**Notes:** Example:  
 N4\*CLEVELAND\*OH\*44417~

**Data Element Summary**

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

**Segment:** **SE** Transaction Set Trailer  
**Position:** 150  
**Loop:**  
**Level:** Summary  
**Usage:** Mandatory  
**Max Use:** 1  
**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)  
**Notes:** Example:  
 ST\*30\*0001~

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	SE01	96	<b>Number of Included Segments</b> Total number of segments included in a transaction set including ST and SE segments	M N0 1/10
M	SE02	329	<b>Transaction Set Control Number</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9

**Segment:** **GE** Functional Group Trailer  
**Position:** 160  
**Loop:**  
**Level:** Summary  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To indicate the end of a functional group and to provide control information  
**Notes:** Example:  
 GE\*1\*1500~

**Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	GE01	97	<b>Number of Transaction Sets Included</b> Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	M N0 1/6
M	GE02	28	<b>Group Control Number</b> Assigned number originated and maintained by the sender	M N0 1/9

**Segment:** **IEA** Interchange Control Trailer  
**Position:** 170  
**Loop:**  
**Level:** Summary  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To define the end of an interchange of zero or more functional groups and interchange-related control segments  
**Notes:** Example:  
 IEA\*1\*000001500~

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	IEA01	I16	<b>Number of Included Functional Groups</b> A count of the number of functional groups included in an interchange	M N0 1/5
M	IEA02	I12	<b>Interchange Control Number</b> A control number assigned by the interchange sender	M N0 9/9