



Electronic Data Interchange

**214 Boscov's Transportation Carrier Shipment Status
Message**
(Version - 4010)

March 2011

Powered By:



Purpose

This document provides detailed guidelines and conventions for implementing the Transportation Carrier Shipment Status Message with Boscov's. Our trading partners must comply with these guidelines in order to transmit this transaction. Our 214 Version 4010, as detailed in this document, will provide us with all of the information necessary support the shipping process.

These guidelines comply with published ASC X12 standards for EDI version 4010 for all data elements and segments.

Mandatory segments and elements are always required on every document. Optional segments and elements that are required by Boscov's are marked as "Must Use". Segment usage is marked at the top of each page under Usage. Element usage is marked in the far-left column beside each element. If the column is blank, the element is optional. Information in the Attributes column is from the ASC X12 standards and is provided for reference only. Trading Partners must adhere to our requirements as indicated by "Must Use". "Recommended" or "Rec" is intended to mean that if the data is available then Boscov's requires it in the transmission.

Business Rules

Contacts

Transaction Testing: GXS Inc. 1.877.446.6847 Select Option 2

Production Support: GXS Inc. 1.877.446.6847 Select Option 2

Communication IDs

Testing

S/R ID: ZZ-BOS214

Account/User ID: INOVIS4/BOS214

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 GXS Inc. 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.

214 Boscov's Transportation Carrier Shipment Status Message

Functional Group ID=**QM**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Transportation Carrier Shipment Status Message Transaction Set (214) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used by a transportation carrier to provide shippers, consignees, and their agents with the status of shipments in terms of dates, times, locations, route, identifying numbers, and conveyance.

	<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>
Required	002	ISA	Interchange Control Header	O	1		
Required	005	GS	Functional Group Header	O	1		
M	010	ST	Transaction Set Header	M	1		
M	020	B10	Beginning Segment for Transportation Carrier Shipment Status Message	M	1		
	030	L11	Business Instructions and Reference Number	O	300		
	040	K1	Remarks	O	10		
LOOP ID - 0100						10	
Required	050	N1	Name	O	1		
Required	070	N3	Address Information	O	2		
Required	080	N4	Geographic Location	O	1		
	090	G61	Contact	O	1		
Required	100	G62	Date/Time	O	1		n1
LOOP ID - 0100						10	
Required	050	N1	Name	O	1		
Required	070	N3	Address Information	O	2		
Required	080	N4	Geographic Location	O	1		
	090	G61	Contact	O	1		
	120	MS3	Interline Information	O	12		
LOOP ID - 0200						999999	
Required	130	LX	Assigned Number	O	1		
LOOP ID - 0205						10	
Required	140	AT7	Shipment Status Details	O	1		
	143	MS1	Equipment, Shipment, or Real Property Location	O	1		
Rec	146	MS2	Equipment or Container Owner and Type	O	1		
	155	MAN	Marks and Numbers	O	9999		
	160	Q7	Lading Exception Code	O	10		
	180	AT5	Bill of Lading Handling Requirements	O	10		
Required	200	AT8	Shipment Weight, Packaging and Quantity Data	O	10		
LOOP ID - 0210						999999	
	210	CD3	Carton (Package) Detail	O	1		n2
LOOP ID - 0230						999999	
	320	PRF	Purchase Order Reference	O	1		
LOOP ID - 0250						999999	
Rec	410	SPO	Shipment Purchase Order Detail	O	1		
	420	SDQ	Destination Quantity	O	10		
M	610	SE	Transaction Set Trailer	M	1		
Required	620	GE	Functional Group Trailer	O	1		
Required	630	IEA	Interchange Control Trailer	O	1		

Transaction Set Notes

1. Status and appointment dates and times shall not be transmitted in the G62 segment.
2. Loops 0210, 0215 and 0220 shall be used in conjunction with loop 0200 to convey status for small package carrier shipments.

Segment: **ISA Interchange Control Header**
Position: 002
Loop:
Level:
Usage: Optional (Must Use)
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	I01 Authorization Information Qualifier 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	I02 Authorization Information 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	I03 Security Information Qualifier 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	I04 Security Information 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	I05 Interchange ID Qualifier 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	I06 Interchange Sender ID 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	I05 Interchange ID Qualifier 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	I07 Interchange Receiver ID 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	I08 Interchange Date Date of the interchange	M DT 6/6
M	ISA10	I09 Interchange Time Time of the interchange	M TM 4/4
M	ISA11	I10 Interchange Control Standards Identifier 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	I11 Interchange Control Version Number 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	I12 Interchange Control Number	M N0 9/9

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

Segment: **GS** Functional Group Header
Position: 005
Loop:
Level:
Usage: Optional (Must Use)
Max Use: 1
Purpose: To indicate the beginning of a functional group and to provide control information
Notes: Example:
 GS*QM*SCAC*014492501*20020513*1200*1500*X*004010~

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	GS01	479	Functional Identifier Code Code identifying a group of application related transaction sets QM Transportation Carrier Shipment Status Message (214)	M ID 2/2
M	GS02	142	Application Sender's Code Code identifying party sending transmission; codes agreed to by trading partners	M AN 2/15
M	GS03	124	Application Receiver's Code Code identifying party receiving transmission; codes agreed to by trading partners 014492501	M AN 2/15
M	GS04	373	Date Date expressed as CCYYMMDD	M DT 8/8
M	GS05	337	Time 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	Group Control Number Assigned number originated and maintained by the sender	M N0 1/9
M	GS07	455	Responsible Agency Code 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	Version / Release / Industry Identifier Code 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:
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Notes: Example:
 ST*214*0001~

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 214 Transportation Carrier Shipment Status Message	M ID 3/3
M	ST02	329	Transaction Set Control Number 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: **B10** Beginning Segment for Transportation Carrier Shipment Status Message
Position: 020
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To transmit identifying numbers and other basic data relating to the transaction set
Notes: Example:
 B10*121261261X*A513186*SCAC*1~

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Required	B1001	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Carrier's Pro Number	X AN 1/30
Rec	B1002	145	Shipment Identification Number 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) Boscov's Requires This Element When Available Shipper's Bill Of Lading Number	O AN 1/30
M	B1003	140	Standard Carrier Alpha Code Standard Carrier Alpha Code	M ID 2/4
	B1004	71	Inquiry Request Number Identifying number assigned by inquirer	O N0 1/3

Segment: **L11** Business Instructions and Reference Number
Position: 030
Loop:
Level:
Usage: Optional
Max Use: 300
Purpose: To specify instructions in this business relationship or a reference number
Notes: Example:
 L11*123456*MA~

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Required	L1101	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
Required	L1102	128	Reference Identification Qualifier Code qualifying the Reference Identification MA Ship Notice/Manifest Number	X ID 2/3
	L1103	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80

Segment: **K1** Remarks
Position: 040
Loop:
Level:
Usage: Optional
Max Use: 10
Purpose: To transmit information in a free-form format for comment or special instruction
Notes: Example:
 K1*MESSAGE TEXT~

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	K101	61	Free-Form Message Free-form information	M AN 1/30
	K102	61	Free-Form Message Free-form information	O AN 1/30

Segment: N1 Name
Position: 050
Loop: 0100 Optional (Must Use)
Level:
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*12345~

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual CN, BY or ST is Acceptable BY Buying Party (Purchaser) CN Consignee ST Ship To	M ID 2/3
Required	N102	93	Name Free-form name	X AN 1/60
Required	N103	66	Identification Code Qualifier 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	Identification Code 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:
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>
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:
Usage: Optional (Must Use)
Max Use: 1
Purpose: To specify the geographic place of the named party
Notes: Example:
 N4*BROOKLYN*NY*11209~

Data Element Summary

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

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

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M	G6101	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named	M ID 2/2
M	G6102	93	Name Free-form name	M AN 1/60

Segment: **G62** Date/Time
Position: 100
Loop: 0100 Optional (Must Use)
Level:
Usage: Optional (Must Use)
Max Use: 1
Purpose: To specify pertinent dates and times
Notes: Example:
 G62*17*20020520~

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Required	G6201	432	Date Qualifier Code specifying type of date 17 Estimated Delivery Date	X ID 2/2
Required	G6202	373	Date Date expressed as CCYYMMDD	X DT 8/8
	G6203	176	Time Qualifier Code specifying the reported time	X ID 1/2
	G6204	337	Time 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	Time Code 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: N1 Name
Position: 050
Loop: 0100 Optional (Must Use)
Level:
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. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	N101	98	Entity Identifier Code 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	Name Free-form name	X AN 1/60
	N103	66	Identification Code Qualifier 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
	N104	67	Identification Code Code identifying a party or other code	X AN 2/80

Segment: N3 Address Information
Position: 070
Loop: 0100 Optional (Must Use)
Level:
Usage: Optional (Must Use)
Max Use: 2
Purpose: To specify the location of the named party
Notes: Example:
 N3*100 BROADWAY~

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</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:
Usage: Optional (Must Use)
Max Use: 1
Purpose: To specify the geographic place of the named party
Notes: Example:
 N4*NEW YORK*NY*10016~

Data Element Summary

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

Segment: **G61** Contact
Position: 090
Loop: 0100 Optional (Must Use)
Level:
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	Contact Function Code Code identifying the major duty or responsibility of the person or group named	M ID 2/2
M	G6102	93	Name Free-form name	M AN 1/60
	G6103	365	Communication Number Qualifier Code identifying the type of communication number	X ID 2/2
	G6104	364	Communication Number Complete communications number including country or area code when applicable	X AN 1/80
	G6105	443	Contact Inquiry Reference Additional reference number or description to clarify a contact number	O AN 1/20

Segment: **MS3** Interline Information
Position: 120
Loop:
Level:
Usage: Optional
Max Use: 12
Purpose: To identify the interline carrier and relevant data
Notes: Example:
 MS3*SCAC*O*BROOKLYN~

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	MS301	140	Standard Carrier Alpha Code Standard Carrier Alpha Code	M ID 2/4
M	MS302	133	Routing Sequence Code Code describing the relationship of a carrier to a specific shipment movement	M ID 1/2
	MS303	19	City Name Free-form text for city name	X AN 2/30

Segment: **LX** Assigned Number
Position: 130
Loop: 0200 Optional (Must Use)
Level:
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>
M	<u>Des.</u> LX01	<u>Element</u> 554	<u>Assigned Number</u> Number assigned for differentiation within a transaction set	M N0 1/6

Segment: **AT7** Shipment Status Details
Position: 140
Loop: 0205 Optional (Must Use)
Level:
Usage: Optional (Must Use)
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*AG*BE***20020513*0248*ET~
 Please note that this segment requires the AT701 and AT702 or the AT703 and AT704 to be transmitted.. Boscov's will accept either pair or elements.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Rec	AT701	1650	Shipment Status Code Code indicating the status of a shipment Boscov's Requires This Element When Available	X ID 2/2
Rec	AT702	1651	Shipment Status or Appointment Reason Code Code indicating the reason a shipment status or appointment reason was transmitted Boscov's Requires This Element When Available	X ID 2/2
Rec	AT703	1652	Shipment Appointment Status Code Code indicating the status of an appointment to pick-up or deliver a shipment Boscov's Requires This Element When Available	X ID 2/2
Rec	AT704	1651	Shipment Status or Appointment Reason Code Code indicating the reason a shipment status or appointment reason was transmitted Boscov's Requires This Element When Available	X ID 2/2
Required	AT705	373	Date Date expressed as CCYYMMDD	X DT 8/8
Required	AT706	337	Time 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	Time Code 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: **MS1** Equipment, Shipment, or Real Property Location
Position: 143
Loop: 0205 Optional (Must Use)
Level:
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

	Ref.	Data	Name	Attributes
	Des.	Element		
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: 146
Loop: 0205 Optional (Must Use)
Level:
Usage: Optional (Recommended)
Max Use: 1
Purpose: To specify the owner, the identification number assigned by that owner, and the type of equipment

Usage Notes: Boscov's Requires This Segment When Available

Notes: Example:
 MS2*RDWY*1234567890*TL~

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
Required	MS201	140 Standard Carrier Alpha Code Standard Carrier Alpha Code	X ID 2/4
Required	MS202	207 Equipment Number 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 Equipment Description Code Code identifying type of equipment used for shipment TL Trailer (not otherwise specified)	O ID 2/2
	MS204	761 Equipment Number Check Digit Number which designates the check digit applied to a piece of equipment	O N0 1/1

Segment: **MAN** Marks and Numbers
Position: 155
Loop: 0200 Optional (Must Use)
Level:
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>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	MAN01	88	Marks and Numbers Qualifier Code specifying the application or source of Marks and Numbers (87) GM SSCC-18 and Application Identifier	M ID 1/2
M	MAN02	87	Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment	M AN 1/48
	MAN03	87	Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment	O AN 1/48

Segment: **Q7** Lading Exception Code
Position: 160
Loop: 0200 Optional (Must Use)
Level:
Usage: Optional
Max Use: 10
Purpose: To specify the status of the shipment in terms of lading exception information
Notes: Example:
 Q7*P*PCS*5~

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	Q701	33	Lading Exception Code Code indicating the condition of the shipment	M ID 1/1
Required	Q702	211	Packaging Form Code Code for packaging form of the lading quantity	O ID 3/3
Required	Q703	80	Lading Quantity Number of units (pieces) of the lading commodity	X N0 1/7

Segment: **AT5** Bill of Lading Handling Requirements
Position: 180
Loop: 0200 Optional (Must Use)
Level:
Usage: Optional
Max Use: 10
Purpose: To identify Bill of Lading handling and service requirements
Notes: Example:
 AT5*EXC*CU~

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Required	AT501	152	Special Handling Code Code specifying special transportation handling instructions	X ID 2/3
Required	AT502	560	Special Services Code Code identifying the special service	X ID 2/10

Segment: **AT8** Shipment Weight, Packaging and Quantity Data
Position: 200
Loop: 0200 Optional (Must Use)
Level:
Usage: Optional (Must Use)
Max Use: 10
Purpose: To specify shipment details in terms of weight, and quantity of handling units
Notes: Example:
 AT8*G*L*5000*7~

Data Element Summary

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

Segment: **CD3** Carton (Package) Detail
Position: 210
Loop: 0210 Optional
Level:
Usage: Optional
Max Use: 1
Purpose: To transmit identifying codes, weights, and other related information related to an individual carton (package)
Notes: Example:
 CD3*B*1000~

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
CD301	187	Weight Qualifier Code defining the type of weight	X ID 1/2
CD302	81	Weight Numeric value of weight	X R 1/10
CD303	619	Zone To identify zone	O AN 2/3
CD304	34	Service Standard To report the time period of carrier's standard service for the shipment	O N1 1/4
CD305	284	Service Level Code Code indicating the level of transportation service or the billing service offered by the transportation carrier	X ID 2/2
CD306	108	Pick-up or Delivery Code Specifies the location or type of pickup or delivery	O ID 1/2
CD307	122	Rate/Value Qualifier Code qualifying how to extend charges or interpret value	X ID 2/2
CD308	58	Charge 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	X N2 1/12
CD309	122	Rate/Value Qualifier Code qualifying how to extend charges or interpret value	X ID 2/2
CD310	58	Charge 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	X N2 1/12
CD311	284	Service Level Code Code indicating the level of transportation service or the billing service offered by the transportation carrier	X ID 2/2
CD312	284	Service Level Code Code indicating the level of transportation service or the billing service offered by the transportation carrier	O ID 2/2
CD313	591	Payment Method Code Code identifying the method for the movement of payment instructions	O ID 3/3
CD314	26	Country Code Code identifying the country	O ID 2/3

Segment: **PRF** Purchase Order Reference
Position: 320
Loop: 0230 Optional
Level:
Usage: Optional
Max Use: 1
Purpose: To provide reference to a specific purchase order
Notes: Example:
 PRF*123456~

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M	PRF01	324 Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser Boscov's 6 Digit PO Number	M AN 1/22
	PRF02	328 Release Number Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction	O AN 1/30
	PRF03	327 Change Order Sequence Number Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set	O AN 1/8
	PRF04	373 Date Date expressed as CCYYMMDD Purchase Order Date	O DT 8/8

Segment: **SPO** Shipment Purchase Order Detail
Position: 410
Loop: 0250 Optional (Recommended)
Level:
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*12345*12*CT~

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	SPO01	324	Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser Boscov's 6 Digit PO Number	M AN 1/22
Rec	SPO02	127	Reference Identification 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	Unit or Basis for Measurement Code 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	Quantity Numeric value of quantity Carton Count	X R 1/15
	SPO05	188	Weight Unit Code Code specifying the weight unit L Pounds	X ID 1/1
	SPO06	81	Weight Numeric value of weight	X R 1/10

Segment: SDQ Destination Quantity
Position: 420
Loop: 0250 Optional (Recommended)
Level:
Usage: Optional
Max Use: 10
Purpose: To specify destination and quantity detail
Notes: Example:
 SDQ*CT*92*01234*13~

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	SDQ01	355	Unit or Basis for Measurement Code 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	Identification Code Qualifier 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	Identification Code Code identifying a party or other code Boscov's 5 Digit Store Number	M AN 2/80
M	SDQ04	380	Quantity Numeric value of quantity Carton Count	M R 1/15
	SDQ05	67	Identification Code Code identifying a party or other code Boscov's 5 Digit Store Number	X AN 2/80
	SDQ06	380	Quantity Numeric value of quantity Carton Count	X R 1/15
	SDQ07	67	Identification Code Code identifying a party or other code Boscov's 5 Digit Store Number	X AN 2/80
	SDQ08	380	Quantity Numeric value of quantity Carton Count	X R 1/15
	SDQ09	67	Identification Code Code identifying a party or other code Boscov's 5 Digit Store Number	X AN 2/80
	SDQ10	380	Quantity Numeric value of quantity Carton Count	X R 1/15
	SDQ11	67	Identification Code Code identifying a party or other code Boscov's 5 Digit Store Number	X AN 2/80
	SDQ12	380	Quantity Numeric value of quantity Carton Count	X R 1/15
	SDQ13	67	Identification Code Code identifying a party or other code Boscov's 5 Digit Store Number	X AN 2/80
	SDQ14	380	Quantity Numeric value of quantity Carton Count	X R 1/15
	SDQ15	67	Identification Code Code identifying a party or other code Boscov's 5 Digit Store Number	X AN 2/80

SDQ16	380	Quantity Numeric value of quantity Carton Count	X	R 1/15
SDQ17	67	Identification Code Code identifying a party or other code Boscov's 5 Digit Store Number	X	AN 2/80
SDQ18	380	Quantity Numeric value of quantity Carton Count	X	R 1/15
SDQ19	67	Identification Code Code identifying a party or other code Boscov's 5 Digit Store Number	X	AN 2/80
SDQ20	380	Quantity Numeric value of quantity Carton Count	X	R 1/15
SDQ21	67	Identification Code Code identifying a party or other code Boscov's 5 Digit Store Number	X	AN 2/80
SDQ22	380	Quantity Numeric value of quantity Carton Count	X	R 1/15
SDQ23	310	Location Identifier Code which identifies a specific location	O	AN 1/30

Segment: **SE** Transaction Set Trailer
Position: 610
Loop:
Level:
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:
 SE*1*0001~

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M N0 1/10
M	SE02	329	Transaction Set Control Number 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: 620
Loop:
Level:
Usage: Optional (Must Use)
Max Use: 1
Purpose: To indicate the end of a functional group and to provide control information
Notes: Example:
 GE*1*1~

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	GE01	97	Number of Transaction Sets Included 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	Group Control Number Assigned number originated and maintained by the sender	M N0 1/9

Segment: **IEA** Interchange Control Trailer
Position: 630
Loop:
Level:
Usage: Optional (Must Use)
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*000000001~

Data Element Summary

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