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.

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
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. Des.	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**

A control number assigned by the interchange sender

M	**ISA14**	**I13**	**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

	Ref. Des.	Data Element	Name	Attributes
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

	Ref. Des.	Data Element	Name	Attributes
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

	Ref. Des.	Data Element	Name	Attributes	
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

	Ref. Des.	Data Element	Name	Attributes	
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

	Ref. Des.	Data Element	Name	Attributes	
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

	Ref. Des.	Data Element	Name	Attributes	
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

	Ref. Des.	Data Element	Name	Attributes	
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. Des.	Data Element	Name	Attributes	
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

	Ref. Des.	Data Element	Name	Attributes	
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

	Ref. Des.	Data Element	Name	Attributes	
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

	Ref. Des.	Data Element	Name	Attributes	
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

	Ref. Des.	Data Element	Name	Attributes	
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. Des.	Data Element	Name	Attributes	
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

	Ref. Des.	Data Element	Name	Attributes	
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

	Ref. Des.	Data Element	Name	Attributes	
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

	Ref. Des.	Data Element	Name	Attributes
M	**LX01**	**554**	**Assigned Number** 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

	Ref. Des.	Data Element	Name	Attributes	
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. Des.	Data Element	Name	Attributes	
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. Des.	Data Element	Name	Attributes	
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

	Ref. Des.	Data Element	Name	Attributes
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

	Ref. Des.	Data Element	Name	Attributes	
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

	Ref. Des.	Data Element	Name	Attributes	
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

	Ref. Des.	Data Element	Name	Attributes	
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

Ref. Des.	Data Element	Name	Attributes	
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

	Ref. Des.	Data Element	Name	Attributes	
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

	Ref. Des.	Data Element	Name	Attributes	
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

	Ref. Des.	Data Element	Name	Attributes	
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

	Ref. Des.	Data Element	Name	Attributes
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

	Ref. Des.	Data Element	Name	Attributes	
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

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