

Rack Room Shoes

Electronic Data Interchange

810 – Invoice
(ASC X12 Version - 4010)

February 2005

Purpose

This document provides detailed guidelines and conventions for implementing electronic invoices with:

1. Rack Room Shoes.
2. Off Broadway Shoes

Our trading partners must comply with these guidelines in order to send invoices electronically.

Our 810 Invoice, as detailed in this document, will provide you with all of the information necessary to fill our requirements.

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 Rack Room Shoes 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".

Business Rules

All product identification information contained in the PO1 segment of the purchase order must be conveyed back in the transaction.

All Carrier Detail information contained in the TD5 segment of the purchase order should be conveyed back in the CAD segment of this transaction.

The address for the Party receiving the commercial invoice remittance must be on file with Rack Room Shoes.

We will not accept addresses contained in 810 invoices.

Contacts

Steve Bates 704-547-8100 ext 2719
Pappu Singh 704-547-8100 ext 2712

Communication IDs

Rack Room Shoes

Production

ISA: 08/6143697777

GS: 6143697777

Test

ISA: 08/6143697777 (Please use "T" in ISA_15)

GS: 6143697777

VAN: E-Com Systems Inc.

Note:

For our partners on GXS, the documents should be sent to Inovis. E-Com connects to GXS via Inovis.

For our partners using the IBM network E-Com's interconnect information on the IBM VAN is VANS/ESMAIL.

For our partners using the global table you only need to use our ISA ID:08/6143697777

Off Broadway Shoes

Production

ISA: 08/6143692222

GS: 6143692222

Test

ISA: 08/6143692222 (Please use "T" in ISA_15)

GS: 6143692222

VAN: E-Com Systems Inc.

Note:

For our partners on GXS, the documents should be sent to Inovis. E-Com connects to GXS via Inovis.

For our partners using the IBM network E-Com's interconnect information on the IBM VAN is VANS/ESMAIL.

For our partners using the global table you only need to use our ISA ID:08/6143692222

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)

Rack Room Shoes 810 Invoice v4010

Functional Group ID=**IN**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Invoice Transaction Set (810) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the billing for goods and services provided.

Envelope:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
6-7	010	ISA	Interchange Control Header	M		1	
8	020	GS	Functional Group Header	M		1	

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
9	010	ST	Transaction Set Header	M	1		
10	020	BIG	Beginning Segment for Invoice	M	1		
11	050	REF	Reference Identification	O	12		
LOOP ID - N1						200	
12	070	N1	Name - Ship To	O	1		
LOOP ID - N1						200	
13	070	N1	Name - Ship From	O	1		
14	100	N4	Geographic Location	O	1		
LOOP ID - N1						200	
15	070	N1	Name - Receive Remittance	O	1		
16	130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1		
17	140	DTM	Date/Time Reference	O	10		

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
LOOP ID - IT1						200000	
18-19	010	IT1	Baseline Item Data (Invoice)	O	1		
20	030	IT3	Additional Item Data	O	5		
LOOP ID - PID						1000	
21	060	PID	Product/Item Description	O	1		

Summary:

<u>Page No.</u>	<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>
22	010	TDS	Total Monetary Value Summary	M	1		
23	030	CAD	Carrier Detail	O	1		
LOOP ID - SAC						25	
24	040	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
LOOP ID - ISS						>1	
25	060	ISS	Invoice Shipment Summary	O	1		
26	070	CTT	Transaction Totals	O	1		n1
27	080	SE	Transaction Set Trailer	M	1		

Envelope:

<u>Page No.</u>	<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>
28	030	GE	Functional Group Trailer	M	1		
29	040	IEA	Interchange Control Trailer	M	1		

Transaction Set Notes

1. Number of line items (CTT01) is the accumulation of the number of IT1 segments. If used, hash total (CTT02) is the sum of the value of quantities invoiced (IT102) for each IT1 segment.

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

Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	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
Must Use	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) " " 10 blank spaces	M AN 10/10
Must Use	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
Must Use	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) " " 10 blank spaces	M AN 10/10
Must Use	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 Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/2
Must Use	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
Must Use	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 08 UCC EDI Communications ID (Comm ID)	M ID 2/2
Must Use	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 Rack Room's ID is "6143697777"	M AN 15/15
Must Use	ISA09	I08	Interchange Date Date of the interchange	M DT 6/6
Must Use	ISA10	I09	Interchange Time Time of the interchange	M TM 4/4

Must Use	ISA11	I10	Interchange Control Standards Identifier	M ID 1/1
			Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	ISA12	I11	Interchange Control Version Number	M ID 5/5
			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	
Must Use	ISA13	I12	Interchange Control Number	M N0 9/9
			A control number assigned by the interchange sender	
Must Use	ISA14	I13	Acknowledgment Requested	M ID 1/1
			Code sent by the sender to request an interchange acknowledgment (TA1) 0 No Acknowledgment Requested	
Must Use	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	
Must Use	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 > The value identified for retail use	

Segment: **GS** Functional Group Header
Position: 020
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a functional group and to provide control information
Syntax Notes:
Semantic Notes:

- 1 GS04 is the group date.
- 2 GS05 is the group time.
- 3 The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

- 1 A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	GS01	479	Functional Identifier Code Code identifying a group of application related transaction sets IN Invoice Information (810,819)	M ID 2/2
Must Use	GS02	142	Application Sender's Code Code identifying party sending transmission; codes agreed to by trading partners	M AN 2/15
Must Use	GS03	124	Application Receiver's Code Code identifying party receiving transmission; codes agreed to by trading partners	M AN 6/6
Must Use	GS04	373	Date Date expressed as CCYYMMDD	M DT 8/8
Must Use	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
Must Use	GS06	28	Group Control Number Assigned number originated and maintained by the sender	M N0 1/9
Must Use	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 1/1
Must Use	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 6/6

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Example:
 ST*810*1001~

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 810 Invoice	M ID 3/3
Must Use	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: **BIG** Beginning Segment for Invoice
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates

Syntax Notes:

Semantic Notes: 1 BIG01 is the invoice issue date.
 2 BIG03 is the date assigned by the purchaser to purchase order.
 3 BIG10 indicates the consolidated invoice number. When BIG07 contains code CI, BIG10 is not used.

Comments: 1 BIG07 is used only to further define the type of invoice when needed.

Example:

BIG*20010208*55413*20001214*289~

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	BIG01	373	Date Date expressed as CCYYMMDD	M DT 8/8
Must Use	BIG02	76	Invoice Number Identifying number assigned by issuer	M AN 1/22
Must Use	BIG03	373	Date Date expressed as CCYYMMDD Retailer's original purchase order date	O DT 8/8
Must Use	BIG04	324	Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser Retailer's original purchase order number	O AN 1/22

Segment: **REF** Reference Identification
Position: 050
Loop:
Level: Heading
Usage: Optional (See note below)
Max Use: 12
Purpose: To specify identifying information
Syntax Notes:

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

Semantic Notes:

- 1 REF04 contains data relating to the value cited in REF02.

Comments:

Example:

REF*CN*U1402011530~

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification	C ID 2/3
			BM Bill of Lading Number	
			CN Carrier's Reference Number (PRO/Invoice)	
			DP Department Number	
			Optional	
Must Use	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C AN 1/30

****Bill of Lading/Carrier Reference Numbers MUST be conveyed in either REF segment or CAD segment.**

Segment: **N1** Name - Ship To
Position: 070
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes:

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

Semantic Notes:
Comments:

- 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
- 2 N105 and N106 further define the type of entity in N101.

Example:
N1*ST**92*RRDC01~

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual ST Ship To	M ID 2/3
	N102	93	Name Free-form name	C AN 1/60
Must Use	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	C ID 1/2
Must Use	N104	67	Identification Code Code identifying a party or other code	C AN 2/80

Segment: **N1** Name - Ship From
Position: 070
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes:

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

Semantic Notes:
Comments:

- 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
- 2 N105 and N106 further define the type of entity in N101.

Example:
N1*SF*RACK ROOM VENDOR~

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual SF Ship From	M ID 2/3
Must Use	N102	93	Name Free-form name	C AN 1/60
	N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 91 Assigned by Seller or Seller's Agent 92 Assigned by Buyer or Buyer's Agent	C ID 1/2
	N104	67	Identification Code Code identifying a party or other code	C AN 2/80

Segment: **N4 Geographic Location**
Position: 100
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1 If N406 is present, then N405 is required.
Semantic Notes:
Comments: 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2 N402 is required only if city name (N401) is in the U.S. or Canada.

Example:
N4*CARLSBAD*CO**USA~

Data Element Summary

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

Segment: **N1** Name - Receive Remittance
Position: 070
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes:

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

Semantic Notes:
Comments:

- 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
- 2 N105 and N106 further define the type of entity in N101.

Example:
N1*RE*VENDOR~

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual RE Party to receive commercial invoice remittance	M ID 2/3
Must Use	N102	93	Name Free-form name	C AN 1/60
	N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 91 Assigned by Seller or Seller's Agent 92 Assigned by Buyer or Buyer's Agent	C ID 1/2
	N104	67	Identification Code Code identifying a party or other code	C AN 2/80

Segment: **ITD** Terms of Sale/Deferred Terms of Sale

Position: 130

Loop:

Level: Heading

Usage: Optional

Max Use: >1

Purpose: To specify terms of sale

Syntax Notes:

- 1 If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required.
- 2 If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required.
- 3 If ITD09 is present, then at least one of ITD10 or ITD11 is required.

Semantic Notes:

- 1 ITD15 is the percentage applied to a base amount used to determine a late payment charge.

Comments:

- 1 If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.

Notes: Terms Basis is always the Invoice Date.

Example:

ITD*01*3*****30~

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
	ITD01	336	Terms Type Code Code identifying type of payment terms 01 Basic	O ID 2/2
Must Use	ITD02	333	Terms Basis Date Code Code identifying the beginning of the terms period 3 Invoice Date	O ID 1/2
	ITD03	338	Terms Discount Percent Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date	O R 1/6
	ITD04	370	Terms Discount Due Date Date payment is due if discount is to be earned expressed in format CCYYMMDD	C DT 8/8
	ITD05	351	Terms Discount Days Due Number of days in the terms discount period by which payment is due if terms discount is earned	C N0 1/3
	ITD06	446	Terms Net Due Date Date when total invoice amount becomes due expressed in format CCYYMMDD	O DT 8/8
	ITD07	386	Terms Net Days Number of days until total invoice amount is due (discount not applicable)	O N0 1/3
	ITD08	362	Terms Discount Amount Total amount of terms discount	O N2 1/10
	ITD12	352	Description A free-form description to clarify the related data elements and their content	O AN 1/80

Segment: **DTM** Date/Time Reference
Position: 140
Loop:
Level: Heading
Usage: Optional (Must Use)
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes:

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:
Comments:

Example:
 DTM*011*200012151~

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 011 Shipped	M ID 3/3
Must Use	DTM02	373	Date Date expressed as CCYYMMDD	C DT 8/8

Segment: **IT1** **Baseline Item Data (Invoice)**
Position: 010
Loop: IT1 Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Purpose: To specify the basic and most frequently used line item data for the invoice and related transactions

- Syntax Notes:**
- 1 If any of IT102 IT103 or IT104 is present, then all are required.
 - 2 If either IT106 or IT107 is present, then the other is required.
 - 3 If either IT108 or IT109 is present, then the other is required.
 - 4 If either IT110 or IT111 is present, then the other is required.
 - 5 If either IT112 or IT113 is present, then the other is required.
 - 6 If either IT114 or IT115 is present, then the other is required.
 - 7 If either IT116 or IT117 is present, then the other is required.
 - 8 If either IT118 or IT119 is present, then the other is required.
 - 9 If either IT120 or IT121 is present, then the other is required.
 - 10 If either IT122 or IT123 is present, then the other is required.
 - 11 If either IT124 or IT125 is present, then the other is required.

Semantic Notes: 1 IT101 is the purchase order line item identification.

- Comments:**
- 1 Element 235/234 combinations should be interpreted to include products and/or services. See the Data Dictionary for a complete list of IDs.
 - 2 IT106 through IT125 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Notes: "UP" product identifier is required.

Example:

IT1*001*10*EA*4.5**VA*C02185-063-00*UP*000000000000*VE*BLK*SZ*MS~

Data Element Summary

Ref.	Data	Element	Name	Attributes
		350	Assigned Identification	O AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set	
Must Use	IT102	358	Quantity Invoiced	C R 1/10
			Number of units invoiced (supplier units)	
Must Use	IT103	355	Unit or Basis for Measurement Code	C ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			EA Each	
Must Use	IT104	212	Unit Price	C R 1/17
			Price per unit of product, service, commodity, etc.	
Must Use	IT106	235	Product/Service ID Qualifier	C ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			SZ Vendor Alphanumeric Size Code (NRMA)	
			UP U.P.C. Consumer Package Code (1-5-5-1)	
			VA Vendor's Style Number	
			VE Vendor Color	
Must Use	IT107	234	Product/Service ID	C AN 1/48
			Identifying number for a product or service	
Must Use	IT108	235	Product/Service ID Qualifier	C ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			SZ Vendor Alphanumeric Size Code (NRMA)	
			UP U.P.C. Consumer Package Code (1-5-5-1)	
			VA Vendor's Style Number	
			VE Vendor Color	

Must Use	IT109	234	Product/Service ID	C	AN 1/48
			Identifying number for a product or service		
	IT110	235	Product/Service ID Qualifier	C	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			SZ Vendor Alphanumeric Size Code (NRMA)		
			UP U.P.C. Consumer Package Code (1-5-5-1)		
			VA Vendor's Style Number		
			VE Vendor Color		
	IT111	234	Product/Service ID	C	AN 1/48
			Identifying number for a product or service		
	IT112	235	Product/Service ID Qualifier	C	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			SZ Vendor Alphanumeric Size Code (NRMA)		
		UP U.P.C. Consumer Package Code (1-5-5-1)			
		VA Vendor's Style Number			
		VE Vendor Color			
IT113	234	Product/Service ID	C	AN 1/48	
		Identifying number for a product or service			

Segment: **IT3** Additional Item Data

Position: 030

Loop: IT1 Optional

Level: Detail

Usage: Optional

Max Use: 5

Purpose: To specify additional item details relating to variations between ordered and shipped quantities, or to specify alternate units of measures and quantities

Syntax Notes: 1 If either IT301 or IT302 is present, then the other is required.

2 At least one of IT301 IT303 IT304 or IT305 is required.

Semantic Notes:

Comments:

Example:

IT3****0~

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u> IT301	<u>Element</u> 382	Number of Units Shipped Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set	C R 1/10
IT302	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 EA Each	C ID 2/2
IT303	368	Shipment/Order Status Code Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction BK Back Ordered from Previous Order BP Shipment Partial, Back Order to Ship on (Date) CC Shipment Complete on (Date) CM Shipment Complete with Additional Quantity CP Partial Shipment on (Date), Considered No Backorder CS Shipment Complete with Substitution DE Deleted Order IC Item Canceled IS Item Represents Substitution from Original Order PR Partial Shipment PS In Process, Scheduled to Ship On (Date) SS Split Shipment	C ID 2/2
Must Use	IT304	383 Quantity Difference Numeric value of variance between ordered and shipped quantities	C R 1/9

Segment: **PID** Product/Item Description

Position: 060

Loop: PID Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To describe a product or process in coded or free-form format

Syntax Notes:

- 1 If PID04 is present, then PID03 is required.
- 2 At least one of PID04 or PID05 is required.
- 3 If PID07 is present, then PID03 is required.
- 4 If PID08 is present, then PID04 is required.
- 5 If PID09 is present, then PID05 is required.

Semantic Notes:

- 1 Use PID03 to indicate the organization that publishes the code list being referred to.
- 2 PID04 should be used for industry-specific product description codes.
- 3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
- 4 PID09 is used to identify the language being used in PID05.

Comments:

- 1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
- 2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.
- 3 PID07 specifies the individual code list of the agency specified in PID03.

Example:

PID*F*****BLUE WIDGET PUMPS~

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	PID01	349	Item Description Type Code indicating the format of a description F Free-form	M ID 1/1
Must Use	PID05	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80

Segment: **TDS** Total Monetary Value Summary
Position: 010
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To specify the total invoice discounts and amounts
Syntax Notes:
Semantic Notes:

- 1 TDS01 is the total amount of invoice (including charges, less allowances) before terms discount (if discount is applicable).
- 2 TDS02 indicates the amount upon which the terms discount amount is calculated.
- 3 TDS03 is the amount of invoice due if paid by terms discount due date (total invoice or installment amount less cash discount).
- 4 TDS04 indicates the total amount of terms discount.

Comments:

- 1 TDS02 is required if the dollar value subject to discount is not equal to the dollar value of TDS01.

Example:
TDS*4950~

Data Element Summary

	<u>Ref.</u>	<u>Data</u>		<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
Must Use	TDS01	610	Amount Monetary amount	M N2 1/15

Segment: **CAD** Carrier Detail
Position: 030
Loop:
Level: Summary
Usage: Optional (See note below)
Max Use: 1
Purpose: To specify transportation details for the transaction
Syntax Notes: 1 At least one of CAD05 or CAD04 is required.
 2 If CAD07 is present, then CAD08 is required.
Semantic Notes:
Comments:

Example:

CAD****CFWY*FOB NEW YORK**BM*LY123456~

Data Element Summary			
<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
CAD04	140	Standard Carrier Alpha Code Standard Carrier Alpha Code	C ID 2/4
CAD05	387	Routing Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	C AN 1/35
CAD07	128	Reference Identification Qualifier Code qualifying the Reference Identification	O ID 2/3
		BM Bill of Lading Number CN Carrier's Reference Number (PRO/Invoice)	
CAD08	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C AN 1/30

****Bill of Lading/Carrier Reference Numbers MUST be conveyed in either REF segment or CAD segment.**

Segment: SAC Service, Promotion, Allowance, or Charge Information

Position: 040

Loop: SAC Optional

Level: Summary

Usage: Optional

Max Use: 1

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

- Syntax Notes:**
- 1 At least one of SAC02 or SAC03 is required.
 - 2 If either SAC03 or SAC04 is present, then the other is required.
 - 3 If either SAC06 or SAC07 is present, then the other is required.
 - 4 If either SAC09 or SAC10 is present, then the other is required.
 - 5 If SAC11 is present, then SAC10 is required.
 - 6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.
 - 7 If SAC14 is present, then SAC13 is required.
 - 8 If SAC16 is present, then SAC15 is required.

- Semantic Notes:**
- 1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
 - 2 SAC05 is the total amount for the service, promotion, allowance, or charge.
If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
 - 3 SAC08 is the allowance or charge rate per unit.
 - 4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
 - 5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
 - 6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
 - 7 SAC16 is used to identify the language being used in SAC15.

- Comments:**
- 1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
 - 2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

Example:

SAC*C*D500***450~

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	SAC01	248	Allowance or Charge Indicator Code which indicates an allowance or charge for the service specified A Allowance C Charge	M ID 1/1
	SAC02	1300	Service, Promotion, Allowance, or Charge Code Code identifying the service, promotion, allowance, or charge A260 Advertising Allowance C000 Defective Allowance C350 Distributor Discount/Allowance D500 Handling F050 Other (See related description) G830 Shipping and Handling I170 Trade Discount	C ID 4/4
	SAC05	610	Amount Monetary amount	O N2 1/15

Segment: **ISS Invoice Shipment Summary**
Position: 060
Loop: ISS Optional (Must Use)
Level: Summary
Usage: Optional (Must Use)
Max Use: 1
Purpose: To specify summary details of total items shipped in terms of quantity, weight, and volume

- Syntax Notes:**
- 1 At least one of ISS01 ISS03 or ISS05 is required.
 - 2 If either ISS01 or ISS02 is present, then the other is required.
 - 3 If either ISS03 or ISS04 is present, then the other is required.
 - 4 If either ISS05 or ISS06 is present, then the other is required.

- Semantic Notes:**
- 1 ISS07 is the quantity of third party pallets.
 - 2 ISS08 is the gross weight of third party pallets in pounds.

Comments:

Example:
ISS*1*CA~

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ISS01	382	Number of Units Shipped Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set	C R 1/10
Must Use	ISS02	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 CA Case	C ID 2/2
	ISS03	81	Weight Numeric value of weight	C R 1/10
	ISS04	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 LB Pound	C ID 2/2

Segment: **CTT** Transaction Totals
Position: 070
Loop:
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set
Syntax Notes: 1 If either CTT03 or CTT04 is present, then the other is required.
 2 If either CTT05 or CTT06 is present, then the other is required.
Semantic Notes:
Comments: 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

Example:
 CTT*1~

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	CTT01	354	Number of Line Items	M NO 1/6
			Total number of line items in the transaction set	
			The number of IT1 segments present in the transaction set	

Segment: **SE** Transaction Set Trailer
Position: 080
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)

Syntax Notes:

Semantic Notes:

Comments: 1 SE is the last segment of each transaction set.

Example:

SE*17*1001~

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M N0 1/10
Must Use	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: 030
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of a functional group and to provide control information
Syntax Notes:
Semantic Notes: 1 The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.
Comments: 1 The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	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
Must Use	GE02	28	Group Control Number Assigned number originated and maintained by the sender	M N0 1/9

Segment: **IEA** Interchange Control Trailer
Position: 040
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Syntax Notes:
Semantic Notes: 1 The data interchange control number IEA02 in this trailer must be identical to the same data element in the associated interchange control header, ISA13.

Comments:

Data Element Summary

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

Example

Sample Invoice Transaction

ISA*00*00 *00*00 *ZZ*09919TEST *08*6143697777 *050202*0231*U*00401*000000203*0*P*>
GS*IN*09919TEST*6143697777*20050202*0231*203*X*004010
ST*810*31134
BIG*20050201*5174716*20050118*100241
REF*DP*0001
REF*BM*00000000029830763
N1*ST*RACK ROOM SHOES S0025*92*0025
N1*RE*COMPANY NAME*91*617 - 824 - 6221
N1*SF*COMPANY NAME*91*10
N4*COMPANY CITY*NC**USA
ITD*01*3****20050303*30*****NET 30
DTM*011*20050201
IT1**1*EA*12.37**UP*044208829865*VA*WF12125*SZ*060*VE*100
PID*F****HILARY WHITE LTT
IT1**1*EA*12.37**UP*044208829872*VA*WF12125*SZ*065*VE*100
PID*F****HILARY WHITE LTT
IT1**1*EA*12.37**UP*044208829889*VA*WF12125*SZ*070*VE*100
PID*F****HILARY WHITE LTT
IT1**2*EA*12.37**UP*044208829896*VA*WF12125*SZ*075*VE*100
PID*F****HILARY WHITE LTT
IT1**1*EA*12.37**UP*044208829919*VA*WF12125*SZ*085*VE*100
PID*F****HILARY WHITE LTT
IT1**1*EA*12.37**UP*044208829940*VA*WF12125*SZ*100*VE*100
PID*F****HILARY WHITE LTT
TDS*8659
CAD****RDWY
ISS*1*CA*14.25*LB
CTT*6
SE*27*31134
.
.
.
ST*810*31212
BIG*20050201*5175371*20041011*97769
REF*DP*0001
REF*BM*00000000029884605
N1*ST*RACK ROOM SHOES S0070*92*0070
N1*RE*COMPANY NAME*91*617 - 824 - 6221
N1*SF*COMPANY NAME *91*10
N4*COMPANY CITY*NC**USA
ITD*01*3****20050303*30*****NET 30
DTM*011*20050201
IT1**76*EA*12.83**UP*044208065768*VA*WF12605*SZ*060*VE*030
PID*F****GIGI STONE SLIDE
IT1**76*EA*12.83**UP*044208065775*VA*WF12605*SZ*065*VE*030
PID*F****GIGI STONE SLIDE
IT1**76*EA*12.83**UP*044208065782*VA*WF12605*SZ*070*VE*030
PID*F****GIGI STONE SLIDE
IT1**152*EA*12.83**UP*044208065799*VA*WF12605*SZ*075*VE*030
PID*F****GIGI STONE SLIDE
IT1**228*EA*12.83**UP*044208065805*VA*WF12605*SZ*080*VE*030
PID*F****GIGI STONE SLIDE
IT1**228*EA*12.83**UP*044208065812*VA*WF12605*SZ*085*VE*030
PID*F****GIGI STONE SLIDE
IT1**228*EA*12.83**UP*044208065829*VA*WF12605*SZ*090*VE*030
PID*F****GIGI STONE SLIDE
IT1**76*EA*12.83**UP*044208065836*VA*WF12605*SZ*095*VE*030
PID*F****GIGI STONE SLIDE
IT1**152*EA*12.83**UP*044208065843*VA*WF12605*SZ*100*VE*030
PID*F****GIGI STONE SLIDE
IT1**76*EA*12.83**UP*044208065850*VA*WF12605*SZ*110*VE*030
RRS_810_New.doc

PID*F****GIGI STONE SLIDE
TDS*1755144
CAD****RDWY
ISS*76*CA*2253.85*LB
CTT*10
SE*35*31212
GE*79*203
IEA*1*00000203