



810 Invoice

Functional Group ID=**IN**

Introduction:

This Standard 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 using ANSI X12 version 4010. 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.

Notes:

- 1) Any additional data (segments and elements) sent by the trading partners will be ignored by Gander Mountain.
- 2) If any TX1 segments/elements are sent Gander Mountain will reject the Invoice.

Revision History –

- 8/23/07 – Added clarification on the number of digits for EAN number
- Effective 12/5/05
 - a. Added note on creation of invoices for pre-mark shipments
 - b. Added mandatory use of TDS02
 - c. Added EAN number to IT1 segment
 - d. Move Vendor number from N1(SU) to new REF(IA). Removed N1(SU) loop and added REF occurrence at PO Header.
- 2/27/04
 - a. Adjusted the min/max lengths for IT107 and IT109 to 1/13
- 11/4/03
 - a. Added 5 more Allowance and 1 more Charge Types in Summary Level SAC
 - b. Removed Item Level SAC Segments and updated note for handling Item Price
- 10/23/01
 - a. Added Qualifier UP to IT106
 - b. Added Qualifier SK to IT108

Comments: A separate invoice should be sent per PO per Ship To location.

- **For Bulk (warehouse) shipments – one Invoice for the warehouse for each PO shipped (contained within the ASN)**
- **For Cross-dock (pre-marked) shipments – one Invoice for the warehouse for each PO shipped (contained within the ASN). No longer send a separate invoice for each pre-marked store on a PO for a shipment.**

- For Direct Store Deliveries shipments – one Invoice for the Store being shipped per PO.

Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
	010	ST	Transaction Set Header	M	1		
	020	BIG	Beginning Segment for Invoice	M	1		
M	050	REF	Reference Identification	M	1		
	LOOP ID - N1						1
	070	N1	Name	M	1		
	130	ITD	Terms of Sale/Deferred Terms of Sale	O	1		

Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
	LOOP ID - IT1						650
	010	IT1	Baseline Item Data (Invoice)	M	1		

Summary:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
	010	TDS	Total Monetary Value Summary	M	1		
	LOOP ID – SAC (Allowance)						7
	040	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
	LOOP ID – SAC (Charge)						3
	040	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
	LOOP ID - ISS						1
	060	ISS	Invoice Shipment Summary	O	1		
	080	SE	Transaction Set Trailer	M	1		

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:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	
	<u>Attributes</u>			
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set	M ID 3/3
			810 Invoice	
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: **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: BIG01 is the invoice issue date.

Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	
	<u>Des.</u>	<u>Element</u>		
	<u>Attributes</u>			
M	BIG01	373	Date Date expressed as CCYYMMDD	M DT 8/8
M	BIG02	76	Invoice Number Identifying number assigned by issuer	M AN 1/22
M	BIG04	324	Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser	M AN 1/8

Segment: **REF** Reference Identification
Position: 050
Loop: PO1 Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify identifying information
Syntax Notes:
Semantic Notes:
Comments:
Notes: This is the Gander Mountain assigned Supplier vendor number

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	
	<u>Des.</u>	<u>Element</u>		
	<u>Attributes</u>			
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification IA Vendor Number	M ID 2/2
M	REF02	127	Description Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 2/10

Segment: N1 Name
Position: 070
Loop: N1 Mandatory
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	
	<u>Des.</u>	<u>Element</u>		
	<u>Attributes</u>			
M	N101	98	Entity Identifier Code	M ID 2/2
			Code identifying an organizational entity, a physical location, property or an individual	
			ST Ship To	
M	N103	66	Identification Code Qualifier	M ID 2/2
			Code designating the system/method of code structure used for Identification Code (67)	
			92 Assigned by Buyer or Buyer's Agent	
M	N104	67	Identification Code	M AN 2/4
			Code identifying a party or other code	
			Gander Mountain's internal Warehouse (For Cross Dock or bulk orders) or Store Number (Direct Store Deliveries)	

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 ITD05 is required.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	
	<u>Des.</u>	<u>Element</u>		
<u>Attributes</u>				
	ITD03	338	Terms Discount Percent	O R 1/12
			Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date	
			4 implied decimal places	
	ITD05	351	Terms Discount Days Due	C N0 1/3
			Number of days in the terms discount period by which payment is due if terms discount is earned	
M	ITD12	352	Description	M AN 1/15
			A free-form description to clarify the related data elements and their content	

Segment: IT1 Baseline Item Data (Invoice)

Position: 010

Loop: IT1 Mandatory

Level: Detail

Usage: Mandatory

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 either IT106 or IT107 is present, then the other is required.

2 If either IT108 or IT109 is present, then the other is required.

Semantic Notes:

Comments:

Notes: EAN number must be 13 digits

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	
			Attributes	
M	IT102	358	Quantity Invoiced Number of units invoiced (supplier units)	M R 1/12
M	IT103	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	M ID 2/2
M	IT104	212	Unit Price Price per unit of product, service, commodity, etc. Unit price, must be net with all promotional or deal activities figured into the cost.	M R 1/12
M	IT106	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) EN European Article Number (EAN) (2-5-5-1) SK Stock Keeping Unit (SKU) UP U.P.C. Consumer Package Code (1-5-5-1)	M ID 2/2
M	IT107	234	Product/Service ID Identifying number for a product or service	M AN 1/13
	IT108	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) EN European Article Number (EAN) (2-5-5-1) SK Stock Keeping Unit (SKU) UP U.P.C. Consumer Package Code (1-5-5-1)	X ID 2/2
	IT109	234	Product/Service ID Identifying number for a product or service	X AN 1/13

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:

- 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.

Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	
	<u>Des.</u>	<u>Element</u>		
	<u>Attributes</u>			
M	TDS01	610	Amount Monetary amount	M N2 1/12
M	TDS02	610	Amount Monetary amount	M N2 1/12

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:
Semantic Notes: 1 SAC05 is the total amount for the service, promotion,
allowance, or charge.

Comments:

Data Element Summary				
	Ref.	Data	Name	
	Des.	Element		
	<u>Attributes</u>			
M	SAC01	248	Allowance or Charge Indicator	M ID 1/1
			Code which indicates an allowance or charge for the service specified	
			A Allowance	
M	SAC02	1300	Service, Promotion, Allowance or Charge Code	M ID 4/4
			Code identifying the service, promotion, allowance or charge	
			D240 Freight	
			I530 Volume Discount	
			E750 New Store Discount	
			B210 Co-op Credit	
			C000 Defective Allowance	
			F050 Other	
			ZZZZ Mutually Defined (Miscellaneous)	
M	SAC05	610	Amount	M N2 1/12
			Monetary Amount	

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:

Semantic Notes: 1 SAC05 is the total amount for the service, promotion,
allowance, or charge.

Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	
	<u>Des.</u>	<u>Element</u>		
	<u>Attributes</u>			
M	SAC01	248	Allowance or Charge Indicator	M ID 1/1
			Code which indicates an allowance or charge for the service specified	
			C Charge	
M	SAC02	1300	Service, Promotion, Allowance, or Charge Code	M ID 4/4
			Code identifying the service, promotion, allowance, or charge	
			D240 Freight	
			F050 Other	
			ZZZZ Mutually Defined (Miscellaneous)	
M	SAC05	610	Amount	M N2 1/12
			Monetary amount	

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

Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	
	<u>Des.</u>	<u>Element</u>		
	<u>Attributes</u>			
M	ISS01	382	Number of Units Shipped	M R 1/12
			Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set	
M	ISS02	355	Unit or Basis for Measurement Code	M ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			Refer to 004010 Data Element Dictionary for acceptable code values.	

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.

Data Element Summary

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