

# INTER-AMERICAN PRODUCTS, INC.



## 810

## Invoice

Functional Group=IN

### Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
020	BIG	Beginning Segment for Invoice	M	1			Must use
050	REF	Reference Identification	O	12			Used
<b>LOOP ID - N1</b>					<b>200</b>		
070	N1	Name	O	1			Used
090	N3	Address Information	O	2			Used
100	N4	Geographic Location	O	1			Used
130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1			Used
140	DTM	Date/Time Reference	M	10			Must use
150	FOB	F.O.B. Related Instructions	O	1			Used

### Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<b>LOOP ID - IT1</b>					<b>1</b>		
010	IT1	Baseline Item Data (Invoice)	O	1			Used
030	IT3	Additional Item Data	O	5			Used
<b>LOOP ID - PID</b>					<b>1</b>		
060	PID	Product/Item Description	O	1			Used
100	PO4	Item Physical Details	O	1			Used
<b>LOOP ID - SAC</b>					<b>1</b>		
180	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used

### Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	TDS	Total Monetary Value Summary	M	1			Must use
<b>LOOP ID - SAC</b>					<b>1</b>		
040	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used
<b>LOOP ID - ISS</b>					<b>1</b>		
060	ISS	Invoice Shipment Summary	O	1			Used
070	CTT	Transaction Totals	O	1		N3/070	Used

# BIG Beginning Segment for Invoice

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

User Option (Usage): Must use

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BIG01	373	Date	M	DT	8/8	Must use
		<b>Description:</b> Date expressed as CCYYMMDD				
BIG02	76	Invoice Number	M	AN	1/22	Must use
		<b>Description:</b> Identifying number assigned by issuer				
BIG03	373	Date	O	DT	8/8	Used
		<b>Description:</b> Date expressed as CCYYMMDD				
BIG04	324	Purchase Order Number	O	AN	1/22	Used
		<b>Description:</b> Identifying number for Purchase Order assigned by the orderer/purchaser				

# REF Reference Identification

Pos: 050	Max: 12
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use
		<b>Description:</b> Code qualifying the Reference Identification				
		<u>Code</u>		<u>Name</u>		
		BM		Bill of Lading Number		
REF02	127	Reference Identification	X	AN	1/30	Used

# N1 Name

Pos: 070	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	Entity Identifier Code	M	ID	2/3	Must use
		<u>Code</u>		<u>Name</u>		
		BT		Bill-to-Party		
		RE		Party to receive commercial invoice remittance		
		ST		Ship To		
N102	93	Name	M	AN	1/60	Must use
N103	66	Identification Code Qualifier	M	ID	1/2	Must use
		<u>Code</u>		<u>Name</u>		
		9		D-U-N-S+4, D-U-N-S Number with Four Character Suffix		
N104	67	Identification Code	M	AN	2/80	Must use

# N3 Address Information

Pos: 090	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N301	166	Address Information	M	AN	1/55	Must use
N302	166	Address Information	O	AN	1/55	Used

# N4 Geographic Location

Pos: 100	Max: 1
Heading - Optional	
Loop: N1	Elements: 3

User Option (Usage): Used

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N401	19	City Name	O	AN	2/30	Used
N402	156	State or Province Code	O	ID	2/2	Used
N403	116	Postal Code	O	ID	3/15	Used

# ITD Terms of Sale/Deferred Terms of Sale

Pos: 130	Max: >1
Heading - Optional	
Loop: N/A	Elements: 8

User Option (Usage): Used

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ITD01	336	Terms Type Code	M	ID	2/2	Must use
		<b>Description:</b> Code identifying type of payment terms				
		<b>Code</b>		<b>Name</b>		
		01		Basic		
		05		Discount Not Applicable		
		<b>Note:</b>		If ITD01 is 05 then ITD06 or ITD07 must be used.		
ITD02	333	Terms Basis Date Code	O	ID	1/2	Used
ITD03	338	Terms Discount Percent	M	R	1/6	Must use
ITD04	370	Terms Discount Due Date	X	DT	8/8	Used
ITD05	351	Terms Discount Days Due	X	N0	1/3	Used
ITD06	446	Terms Net Due Date	O	DT	8/8	Used
ITD07	386	Terms Net Days	O	N0	1/3	Used
ITD08	362	Terms Discount Amount	O	N2	1/10	Used

## DTM Date/Time Reference

Pos: 140	Max: 10
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

### Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use
		<u>Code</u>		<u>Name</u>		
		011		Shipped		
		035		Delivered		
		Note :		At least '011' MUST be sent in this element.		
DTM02	373	Date	M	DT	8/8	Must use
		Description:		Date expressed as CCYYMMDD		

## FOB F.O.B. Related Instructions

Pos: 150	Max: 1
Heading - Optional	
Loop: N/A	Elements: 3

User Option (Usage): Used

### Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
FOB01	146	Shipment Method of Payment	M	ID	2/2	Must use
		<u>Code</u>		<u>Name</u>		
		BP		Paid by Buyer		
		CC		Collect		
		PB		Customer Pick-up/Backhaul		
		PP		Prepaid (by Seller)		
FOB02	309	Location Qualifier	X	ID	1/2	Used
FOB03	352	Description	O	AN	1/80	Used

**IT1****Baseline Item Data (Invoice)**

Pos: 010	Max: 1
Detail - Optional	
Loop: IT1	Elements: 7

User Option (Usage): Used

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
IT102	358	Quantity Invoiced	X	R	1/10	Used
IT103	355	Unit or Basis for Measurement Code	X	ID	2/2	Used
IT104	212	Unit Price	X	R	1/17	Used
IT106	235	Product/Service ID Qualifier	X	ID	2/2	Used
		<u>Code</u> <u>Name</u>				
		IN              Buyer's Item Number				
IT107	234	Product/Service ID	X	AN	1/48	Used
IT108	235	Product/Service ID Qualifier	X	ID	2/2	Used
IT109	234	Product/Service ID	X	AN	1/48	Used

**IT3****Additional Item Data**

Pos: 030	Max: 5
Detail - Optional	
Loop: IT1	Elements: 2

User Option (Usage): Used

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
IT301	382	Number of Units Shipped	X	R	1/10	Used
		<b>Description:</b> Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set				
IT302	355	Unit or Basis for Measurement Code	X	ID	2/2	Used
		<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <b>All valid standard codes are used.</b>				

## PID Product/Item Description

Pos: 060	Max: 1
Detail - Optional	
Loop: PID	Elements: 2

User Option (Usage): Used

### Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PID01	349	Item Description Type	M	ID	1/1	Must use
All valid standard codes are used.						
PID05	352	Description	X	AN	1/80	Used

## PO4 Item Physical Details

Pos: 100	Max: 1
Detail - Optional	
Loop: IT1	Elements: 3

User Option (Usage): Used

### Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PO401	356	Pack	O	N0	1/6	Used
PO402	357	Size	X	R	1/8	Used
PO403	355	Unit or Basis for Measurement Code	X	ID	2/2	Used

# SAC Service, Promotion, Allowance, or Charge Information

Pos: 180	Max: 1
Detail - Optional	
Loop: SAC	Elements: 8

User Option (Usage): Used

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SAC01	248	Allowance or Charge Indicator	M	ID	1/1	Must use
		<u>Code</u> <u>Name</u>				
		A            Allowance				
		C            Charge				
SAC02	1300	Service, Promotion, Allowance, or Charge Code	X	ID	4/4	Used
SAC05	610	Amount	O	N2	1/15	Used
SAC06	378	Allowance/Charge Percent Qualifier	X	ID	1/1	Used
SAC07	332	Percent	X	R	1/6	Used
SAC08	118	Rate	O	R	1/9	Used
SAC09	355	Unit or Basis for Measurement Code	X	ID	2/2	Used
SAC10	380	Quantity	X	R	1/15	Used
		Description: Numeric value of quantity				

# TDS Total Monetary Value Summary

Pos: 010	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 3

User Option (Usage): Must use

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TDS01	610	Gross Amount	M	N2	1/15	Must use
TDS02	610	Amount Subject to Discount	O	N2	1/15	Used
TDS03	610	Net Amount	M	N2	1/15	Must use



# SAC Service, Promotion, Allowance, or Charge Information

Pos: 040	Max: 1
Summary - Optional	
Loop: SAC	Elements: 9

User Option (Usage): Used

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SAC01	248	Allowance or Charge Indicator	M	ID	1/1	Must use
		<u>Code</u>				
		A				Allowance
		C				Charge
SAC02	1300	Service, Promotion, Allowance, or Charge Code	X	ID	4/4	Used
SAC05	610	Amount	O	N2	1/15	Used
SAC06	378	Allowance/Charge Percent Qualifier	X	ID	1/1	Used
SAC07	332	Percent	X	R	1/6	Used
SAC08	118	Rate	O	R	1/9	Used
SAC09	355	Unit or Basis for Measurement Code	X	ID	2/2	Used
SAC10	380	Quantity	X	R	1/15	Used
SAC12	331	Allowance or Charge Method of Handling Code	O	ID	2/2	Used
		<u>Code</u>				
		02				Off Invoice
		06				Charge to be Paid by Customer

# ISS Invoice Shipment Summary

Pos: 060	Max: 1
Summary - Optional	
Loop: ISS	Elements: 2

User Option (Usage): Used

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ISS01	382	Number of Units Shipped	M	R	1/10	Must use
ISS02	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use

# CTT Transaction Totals

Pos: 070	Max: 1
Summary - Optional	
Loop: N/A	Elements: 1

User Option (Usage): Used

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTT01	354	Number of Line Items	M	NO	1/6	Must use