



## 810 Invoice Record Layout

### ISA Interchange Control Header

Example:

ISA\*00\*blank\*00\*blank\*08\*9256710100\*Your Qualifier\*Your ID\*001231\*1954\*U\*00401\*0000001431\*0\*P\*>

GS\*IN\*Your Receiver Code\*006994768\*20001231\*1128\*000001431\*T\*004010VICS

### Header Segments

#### **BIG Beginning Segment for Invoice**

BIG\*Date\*Invoice Number\*

Element	Status	Description	Qualifiers/Definition	Length Min/Max	Data Element Type
BIG01	M	Date	Invoice Date	8/8	DT
BIG02	M	Invoice Number		1/22	AN
BIG03	O	Date	Purchase Order Date	8/8	DT
BIG04	O	Purchase Order Number		1/22	AN

**Purpose:** To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates.

#### **N1 Name**

N1\*RI\*Name\*ID Code Qualifier\*ID Code

Element	Status	Description	Qualifiers/Definition	Length Min/Max	Data Element Type
N101	M	Entity Identifier Code	RI Remit To	2/3	ID
N102	C	Name		1/60	AN
N103	C	Identification Code Qualifier	Whatever is in Standards Manual	1/2	ID
N104	C	Identification Code		2/80	AN

**Purpose:** To identify a party by type of organization, name and code.

#### **N3 Address Information**

N3\*Address\*Address

Element	Status	Description	Qualifiers/Definition	Length Min/Max	Data Element Type
N301	M	Address Information		1/55	AN
N302	O	Address Information		1/55	AN

**Purpose:** To specify the location of the named party.

**N4 Geographic Location**

N4\*City Name\*State\*Zip

Element	Status	Description	Qualifiers/Definition	Length Min/Max	Data Element Type
N401	O	City Name	Required by Penn Traffic	2/30	AN
N402	O	State or Province	Required by Penn Traffic	2/2	ID
N403	O	Zip Code	Required by Penn Traffic	3/15	ID

**Purpose:** To specify the geographic place of the named party.**VN IS USED ONLY WHEN THE VENDOR ADDRESS IS DIFFERENT FROM THE REMIT TO ADDRESS !!****In such a case both the VN and RI are required.****N1 Name**

N1\*VN\*Name\*ID Code Qualifier\*ID Code

Element	Status	Description	Qualifiers/Definition	Length Min/Max	Data Element Type
N101	M	Entity Identifier Code	VN Remit To	2/3	ID
N102	C	Name		1/60	AN
N103	C	Identification Code Qualifier	Whatever is in Standards Manual	1/2	ID
N104	C	Identification Code		2/80	AN

**Purpose:** To identify a party by type of organization, name and code.**N3 Address Information**

N3\*Address\*Address

Element	Status	Description	Qualifiers/Definition	Length Min/Max	Data Element Type
N301	M	Address Information		1/55	AN
N302	O	Address Information		1/55	AN

**Purpose:** To specify the location of the named party.**N4 Geographic Location**

N4\*City Name\*State\*Zip

Element	Status	Description	Qualifiers/Definition	Length Min/Max	Data Element Type
N401	O	City Name	Required by Penn Traffic	2/30	AN
N402	O	State or Province	Required by Penn Traffic	2/2	ID
N403	O	Zip Code	Required by Penn Traffic	3/15	ID

**Purpose:** To specify the geographic place of the named party.

**N1 Name**

N1\*ST\*Name\*ID Code Qualifier\*ID Code

Element	Status	Description	Qualifiers/Definition	Length Min/Max	Data Element Type
N101	M	Entity Identifier Code	ST Ship To	2/3	ID
N102	C	Name		1/60	AN
N103	C	Identification Code Qualifier	Whatever is in Standards Manual	1/2	ID
N104	C	Identification Code		2/80	AN

**Purpose:** To identify a party by type of organization, name and code.**N3 Address Information**

N3\*Address\*Address

Element	Status	Description	Qualifiers/Definition	Length Min/Max	Data Element Type
N301	M	Address Information		1/55	AN
N302	O	Address Information		1/55	AN

**Purpose:** To specify the location of the named party.**N4 Geographic Location**

N4\*City Name\*State\*Zip

Element	Status	Description	Qualifiers/Definition	Length Min/Max	Data Element Type
N401	O	City Name	Required by Penn Traffic	2/30	AN
N402	O	State or Province	Required by Penn Traffic	2/2	ID
N403	O	Zip Code	Required by Penn Traffic	3/15	ID

**Purpose:** To specify the geographic place of the named party.**N1 Name**

N1\*BT\*Name\*ID Code Qualifier\*ID Code

Element	Status	Description	Qualifiers/Definition	Length Min/Max	Data Element Type
N101	M	Entity Identifier Code	BT Ship To	2/3	ID
N102	C	Name		1/60	AN
N103	C	Identification Code Qualifier	Whatever is in Standards Manual	1/2	ID
N104	C	Identification Code		2/80	AN

**Purpose:** To identify a party by type of organization, name and code.**N3 Address Information**

N3\*Address\*Address

Element	Status	Description	Qualifiers/Definition	Length Min/Max	Data Element Type
N301	M	Address Information		1/55	AN
N302	O	Address Information		1/55	AN

**Purpose:** To specify the location of the named party.

**N4 Geographic Location**

N4\*City Name\*State\*Zip

Element	Status	Description	Qualifiers/Definition	Length Min/Max	Data Element Type
N401	O	City Name	Required by Penn Traffic	2/30	AN
N402	O	State or Province	Required by Penn Traffic	2/2	ID
N403	O	Zip Code	Required by Penn Traffic	3/15	ID

**Purpose:** To specify the geographic place of the named party.**ITD Terms of Sale/Deferred Terms of Sale**

ITD\*Terms Type Code\* Date Code\* Discount %\*Disc Due Date\*Disc Days Due\*Net Due Date\*Net Days\*Disc Amt

Element	Status	Description	Qualifiers/Definition	Length Min/Max	Data Element Type
ITD01	O	Terms Type Code	Whatever is in Standards Manual	2/2	ID
ITD02	O	Terms Basis Date Code		1/2	ID
ITD03	O	Terms Discount Percent		1/6	R
ITD04	C	Terms Discount Due Date		8/8	DT
ITD05	C	Terms Discount Days Due		1/3	N0
ITD06	O	Terms Net Due Date		8/8	DT
ITD07	O	Terms Net Days		1/3	N0
ITD08	O	Terms Discount Amount		1/10	N2

**Purpose:** To specify terms of sale.**DTM Date/Time Reference**

DTM\*002\*20000103

Element	Status	Description	Qualifiers/Definition	Length Min/Max	Data Element Type
DTM01	M	Date/Time Qualifier	Whatever is in Standards Manual	3/3	ID
DTM02	C	Date		8/8	DT

**Purpose:** To specify pertinent dates and times.**FOB Related Instructions**

FOB\*Shipment Method of Payment\*Location Qualifier\*Description

Element	Status	Description	Qualifiers/Definition	Length Min/Max	Data Element Type
FOB01	M	Shipment Method of Payment	Whatever is in Standards Manual	2/2	ID
FOB02	C	Location Qualifier	Whatever is in Standards Manual	1/2	ID
FOB03	O	Description		1/80	AN

**Purpose:** To specify transportation instructions relating to shipment.

## Detail Segments

### IT1

IT1\*\*Quantity Invoiced\*Code\*Price\*\*ID\*UPC Code

Element	Status	Description	Qualifiers/Definition	Length Min/Max	Data Element Type
IT101	O	Blank		1/20	AN
IT102	C	Quantity Invoices		1/10	R
IT103	C	Unit or Basis for Measurement Code	Whatever is in Standards Manual	2/2	ID
IT104	C	Unit Price		1/17	R
IT105	O	Basis of Unit Price Code	Blank	2/2	ID
IT106	C	Product/Service ID Qualifier	Whatever is in Standards Manual	2/2	ID
IT107	C	Product/Service ID	UPC Code	1/48	AN
IT108	C	Product/Service ID Qualifier	Whatever is in Standards Manual	2/2	ID
IT109	C	Product/Service ID	Date	1/48	AN
IT110	C	Product/Service ID Qualifier	Whatever is in Standards Manual	2/2	ID
IT111	C	Product/Service ID	Identifying number for a product or svc	1/48	AN

**Purpose:** To specify the basic and most frequently used line item data for the invoice related transactions.

### PID Product/Item Description

PID\*Code\*\*\*\*Description

Element	Status	Description	Qualifiers/Definition	Length Min/Max	Data Element Type
PID01	M	Item Description Type	F Free-form S Structured X Semi-Structured	1/1	ID
PID02	O	Blank		2/3	ID
PID03	C	Blank		2/2	ID
PID04	C	Blank		1/12	AN
PID05	C	Description		1/80	AN

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

### P04 Item Physical Details

P04\*Item Repack\*Size\*EA\*

Element	Status	Description	Qualifiers/Definition	Length Min/Max	Data Element Type
P0401	O	Pack	Item Repack	1/6	N0
P0402	C	Size	Item Pack Size	1/8	R
P0403	C	Unit or Basis for Measurement Code	EA	2/2	ID

**Purpose:** To specify the physical qualities, packaging, weights, and dimensions relating to the item.

**SAC Service, Promotion, Allowance or Charge Information**

SAC\*A\*E065\*\*\*Off Invoice Amount\*\*%\*Rate\*Code\*Quantity\*\*Allowance\*Allowance Number

Element	Status	Description	Qualifiers/Definition	Length Min/Max	Data Element Type
SAC01	M	Allowance or Charge Indicator	A Allowance C Charge N No allowance or charge R Allowance Request	1/1	ID
SAC02	C	Service, Promotion, Allowance	Whatever is in Standards Manual	4/4	ID
SAC03	C	Blank		2/2	ID
SAC04	C	Blank		1/10	AN
SAC05	O	Amount		1/15	N2
SAC06	C	Blank			
SAC07	C	Percent		1/6	R
SAC08	O	Rate		1/9	R
SAC09	C	Unit or Basis for Measurement Code	Whatever is in Standards Manual	2/2	ID
SAC10	C	Quantity		1/15	R
SAC11	O	Blank		1/15	R
SAC12	O	Allowance or Charge Method of Handling Code	01 Bill back 02 Off invoice 03 Vendor check to customer 04 Credit customer account 05 Charge to be paid by vendor 06 Charge to be paid by customer	2/2	ID
SAC13	C	Allowance Number		1/30	AN

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

**Summary Segments**

**TDS Total Monetary Value Summary**

TDS\*Gross\*Amt subj to terms\*Disc Amt Due\*Terms Disc Amt

Element	Status	Description	Qualifiers/Definition	Length Min/Max	Data Element Type
TDS01	M	Total Invoice Amount	Gross	1/15	N2
TDS02	O	Amount Subject to Terms		1/15	N2
TDS03	O	Discounted Amount Due		1/15	N2
TDS04	O	Terms Discount Amount		1/15	N2

**Purpose:** To specify the total invoice discounts and amounts.

**CAD Carrier Detail**

CAD\*Code\*\*Equipment Number\*Code\*Routing\*Code

Element	Status	Description	Qualifiers/Definition	Length Min/Max	Data Element Type
CAD01	O	Transportation Method/Type Code	Whatever is in Standards Manual	1/2	ID
CAD02	O	Blank		1/4	AN
CAD03	O	Equipment Number		1/10	AN
CAD04	C	Standard Carrier Alpha Code	Whatever is in Standards Manual	2/4	ID
CAD05	C	Routing		1/35	AN
CAD06	O	Shipment/Order Status Code	Whatever is in Standards Manual	2/2	ID

**Purpose:** To specify transportation details for the transaction.

**SAC Service, Promotion, Allowance or Charge Information**

SAC\*A\*E065\*\*\*Off Invoice Amount\*\*%\*Rate\*Code\*Quantity\*\*Allowance\*Allowance Number

Element	Status	Description	Qualifiers/Definition	Length Min/Max	Data Element Type
SAC01	M	Allowance or Charge Indicator	A Allowance C Charge N No allowance or charge R Allowance Request	1/1	ID
SAC02	C	Service, Promotion, Allowance	Whatever is in Standards Manual	4/4	ID
SAC03	C	Blank		2/2	ID
SAC04	C	Blank		1/10	AN
SAC05	O	Amount		1/15	N2
SAC06	C	Blank			
SAC07	C	Percent		1/6	R
SAC08	O	Rate		1/9	R
SAC09	C	Unit or Basis for Measurement Code	Whatever is in Standards Manual	2/2	ID
SAC10	C	Quantity		1/15	R
SAC11	O	Blank		1/15	R
SAC12	O	Allowance or Charge Method of Handling Code	01 Bill back 02 Off invoice 03 Vendor check to customer 04 Credit customer account 05 Charge to be paid by vendor 06 Charge to be paid by customer	2/2	ID
SAC13	C	Allowance Number		1/30	AN

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

**ISS Invoice Shipment Summary**

ISS\*Units Shipped\*Code\*Weight\*Code\*Volume\*Code

Element	Status	Description	Qualifiers/Definition	Length Min/Max	Data Element Type
ISS01	C	Number of Units Shipped		1/10	R
ISS02	C	Unit or Basis for Measurement Code	Whatever is in Standards Manual	2/2	ID
ISS03	C	Weight		1/10	R
ISS04	C	Unit or Basis for Measurement Code	Whatever is in Standards Manual	2/2	ID
ISS05	C	Volume		1/8	R
ISS06	C	Unit or Basis for Measurement Code	Whatever is in Standards Manualss	2/2	ID

**Purpose:** To specify summary details of total items shipped in terms of quantity, weight and volume.

**CTT Transaction Totals**

CTT\*Number of Line Items

Element	Status	Description	Qualifiers/Definition	Length Min/Max	Data Element Type
CTT01	M	Number of Line Items		1/6	N0

**Purpose:** To transmit a hash total for a specific element in the transaction set.