

810 Invoice

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.

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>
M	010	ST	Transaction Set Header	M	1		
M	020	BIG	Beginning Segment for Invoice	M	1		
M	050	REF	Reference Identification	M	12		
LOOP ID - N1							200
	070	N1	Name	O	1		
	090	N3	Address Information	O	1		
	100	N4	Geographic Location	O	1		
	130	ITD	Terms of Sale/Deferred Terms of Sale	O	1		Required
	140	DTM	Date/Time Reference	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							200000
M	010	IT1	Baseline Item Data (Invoice)	M	1		
LOOP ID - PID							1000
	060	PID	Product/Item Description	O	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>
M	010	TDS	Total Monetary Value Summary	M	1		
	030	CAD	Carrier Detail	O	1		
LOOP ID - SAC							25
	040	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
LOOP ID - ISS							>1
	060	ISS	Invoice Shipment Summary	O	1		
M	070	CTT	Transaction Totals	M	1		n2
M	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 810 Invoice	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 The number is sequentially assigned by the sender, starting with one within each functional group. For each functional group, the first transaction set control number will be 0001 and incremented by one for each additional transaction set within the group.	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.

Data Element Summary

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

Segment: **REF** **Reference Identification**
Position: 050
Loop:
Level: Heading
Usage: Optional (**Required by Genesco**)
Max Use: 12
Purpose: To specify identifying information
Syntax Notes: **1** At least one of REF02 or REF03.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification IA Internal Vendor Number	M ID 2/3
	REF02	127	Reference Identification 6 digit Genesco Vendor Number Required by Genesco	M AN 1/30

Segment: **N1** Name
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.

Data Element Summary

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

Segment: **ITD** Terms of Sale/Deferred Terms of Sale
Position: 130
Loop:
Level: Heading
Usage: Optional (Required by Genesco)
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: See Section V (ITD Terms Specification and Formulas) for usage examples.

In the transitional period for the retail industry, from paper to full automated EDI transactions, there may be a perceived need to send text data with the terms. Clearly the goal is to have the entire retail industry participating in EDI. Therefore, if text data is needed to be sent for terms, ITD12 will contain the free form text. If additional text is needed, additional ITD segments will be used.

Many times, deferred terms are specified on the purchase order with only the knowledge that the terms are to be based on a date value which is not known, e.g., invoice or delivery date. What is known is the percentage or dollar amount of each deferred installment, and the number of days after the date the terms are based on, that each installment will be due. In these cases, ITD01 will contain code 04, indicating deferred or installment terms, and ITD02 will contain the appropriate terms date basis code (most typically code 2 for Delivery Date, code 3 for Invoice Date, or code 15 for Receipt of Goods Date). ITD07 will contain the number of days after the terms basis date that this installment is due. ITD10 or ITD11 will be used to indicate a dollar amount (ITD10) for that installment or the percent (ITD11) for that installment. Use one ITD segment for each installment. When specifying deferred terms and the exact terms basis date is known, e.g., invoice date, ITD09 should be used to specify the exact deferred or installment date.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
ITD01	336	Terms Type Code	O ID 2/2
		Code identifying type of payment terms	
		01 Basic	
		02 End of Month (EOM)	
		03 Fixed Date	
		04 Deferred or Installment	
		05 Discount Not Applicable	
		06 Mixed	
		07 Extended	
		08 Basic Discount Offered	
		09 Proximo	
		10 Instant	
		11 Elective	
		12 10 Days After End of Month (10 EOM)	
		14 Previously agreed upon	
		24 Anticipation	
		A discount allowance given when an invoice is paid before its due date (anticipation = (agreed rate/365) x	

			invoice amount x number of days early)	
ITD02	333	Terms Basis Date Code		O ID 1/2
		Code identifying the beginning of the terms period		
		1	Ship Date	
		2	Delivery Date	
		3	Invoice Date	
		4	Specified Date	
		7	Effective Date	
			The date is specified in the DTM segment in the header area using code 007 in DTM01.	
		8	Invoice Transmission Date	
		15	Receipt of Goods	
ITD03	338	Terms Discount Percent		O R 1/6
		Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date		
		The percent is sent with a decimal point only when needed, e.g., 10.5% is sent as "10.5", and 2% is sent as "2".		
ITD04	370	Terms Discount Due Date		X DT 8/8
		Date payment is due if discount is to be earned expressed in format CCYYMMDD		
ITD05	351	Terms Discount Days Due		X N0 1/3
		Number of days in the terms discount period by which payment is due if terms discount is earned		
		The end of the term period is derived by adding this value to the beginning of the term period, as qualified by ITD02.		
ITD06	446	Terms Net Due Date		O DT 8/8
		Date when total invoice amount becomes due expressed in format CCYYMMDD		
		* Required by Genesco		
ITD07	386	Terms Net Days		O N0 1/3
		Number of days until total invoice amount is due (discount not applicable)		
		The end of the term period is derived by adding this value to the beginning of the term period, as qualified by ITD02.		
ITD08	362	Terms Discount Amount		O N2 1/10
		Total amount of terms discount		
ITD09	388	Terms Deferred Due Date		O DT 8/8
		Date deferred payment or percent of invoice payable is due expressed in format CCYYMMDD		
ITD10	389	Deferred Amount Due		X N2 1/10
		Deferred amount due for payment		
ITD11	342	Percent of Invoice Payable		X R 1/5
		Amount of invoice payable expressed in percent		
		The percent is sent with a decimal point only when needed, e.g., 10.5% is sent as "10.5", and 2% is sent as "2".		
ITD12	352	Description		O AN 1/80
		* Required by Genesco. Must match 850 ITD12 information		
ITD13	765	Day of Month		X N0 1/2
		The numeric value of the day of the month between 1 and the maximum day of the month being referenced		
ITD14	107	Payment Method Code		O ID 1/2
		Code identifying type of payment procedures		
		L	Letter of Credit	
ITD15	954	Percent		O R 1/10

X

Segment: **DTM** Date/Time Reference
Position: 140
Loop:
Level: Heading
Usage: Optional
Max Use: 1
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:

Data Element Summary

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

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 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.

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:
The codes listed for IT106 apply to every occurrence of Data Element 235 in the IT1 segment.
See Section III for complete U.P.C. and EAN code definitions.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
IT101	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	O AN 1/20
IT102	358	Quantity Invoiced Number of units invoiced (supplier units)	X R 1/10
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 See Section III for code list.	O ID 2/2
IT104	212	Unit Price Price per unit of product, service, commodity, etc. Refer to 004010VICS Data Element Dictionary for acceptable code values. The price is sent with a decimal point only when needed, e.g., \$15.95 would be sent as "15.95", and \$29.00 would be sent as "29". To indicate free goods, use a single zero (0) with code NC as the value in IT105.	X R 1/17
IT105	639	Basis of Unit Price Code Code identifying the type of unit price for an item This data element is used to clarify or alter the basis of unit price. The unit price expressed in IT104 is always in the same terms as the unit of measure in IT103, unless otherwise specified in IT105. UM Price per Unit of Measure	O ID 2/2
IT106	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) UP UPC Code The UPC is required for Retail Supplier Invoices. Buyer's Catalog Number is recommended, and Width/Size and Vendor Style Number are optional.	X ID 2/2
IT107	234	Product/Service ID Identifying number for a product or service	X AN 1/48
IT108	235	Product/Service ID Qualifier CB Buyer's Catalog Number	X ID 2/2
IT109	234	Product/Service ID	X AN 1/48

		Buyer's Catalog Number		
IT110	235	Product/Service ID Qualifier	X	ID 2/2
		IZ Buyer's Size (Blank for Prepack)		
IT111	234	Product/Service ID	X	AN 1/48
		Buyer's Width/Size WWSSSS Ex. "M 060", "3E100" (Blank for Prepack)		
IT110	235	Product/Service ID Qualifier	X	ID 2/2
		VA Vendor's Style Number		
IT111	234	Product/Service ID	X	AN 1/48
		Vendor's Style Number		

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 At least one of PID04 or PID05 is required.

Semantic Notes:
Comments: 1 If PID01 equals "F", then PID05 is used.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	PID01	349	Item Description Type Code indicating the format of a description F Free-form The description will be found in PID05.	M ID 1/1
	PID02	750	Product/Process Characteristic Code Code identifying the general class of a product or process characteristic 08 Product	O ID 2/3
	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).

Data Element Summary

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

Segment: **CAD** Carrier Detail
Position: 030
Loop:
Level: Summary
Usage: Optional
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:
Notes:

This segment may be used in the detail area or the summary area, but not both.
 CAD04 may be used to identify a specific private parcel service provider.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
CAD01	91	Transportation Method/Type Code Code specifying the method or type of transportation for the shipment A Air M Motor (Common Carrier) R Rail S Ocean U Private Parcel Service	O ID 1/2
CAD02	206	Equipment Initial Prefix or alphabetic part of an equipment unit's identifying number	O AN 1/4
CAD03	207	Equipment Number Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)	O AN 1/10
CAD04	140	Standard Carrier Alpha Code Standard Carrier Alpha Code	X ID 2/4
CAD05	387	Routing Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	X AN 1/35
CAD07	128	Reference Identification Qualifier Code qualifying the Reference Identification BM Bill of Lading Number CN Carrier's Reference Number (PRO/Invoice)	O ID 2/3
CAD08	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30

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.

Semantic Notes: 1 If SAC01 is "A" or "C", then at least one of SAC05 is required.
 2 SAC05 is the total amount for the service, promotion, allowance, or charge.

Notes: There is one segment for each Allowance, Charge, Service, or Promotion being specified. If this segment appears in the summary area of the transaction set, the data applies to the entire transaction set. If this segment appears in the detail area of the transaction set, the data applies only to that line item. The data specified in the summary area is exclusive of the data specified in the detail area; it is not the sum of the data in the detail area, i.e., allowances or charges.

SAC03 contains special service requirement codes and special processing codes. This code list is maintained by the VICS EDI SMC and is located in Section III of this guideline.

Data Element Summary

Ref.	Data Element	Name	Attributes
M	SAC01	248 Allowance or Charge Indicator	M ID 1/1
		Code which indicates an allowance or charge for the service specified	
		A Allowance	
		C Charge	
	SAC02	1300 Service, Promotion, Allowance, or Charge Code	X ID 4/4
		Code identifying the service, promotion, allowance, or charge	
		See Section III for code list.	
		Refer to 004010VICS Data Element Dictionary for acceptable code values.	
	SAC05	610 Amount	O N2 1/15
		Monetary amount	
		When SAC01 contains code A or code C, then this data element is required. This will resolve any differences between the sender's and receiver's system calculations of amounts, i.e., rounding errors when allowances or charges are expressed in percentages or rates.	
	SAC12	331 Allowance or Charge Method of Handling Code	O ID 2/2
		Code indicating method of handling for an allowance or charge	
		01 Bill Back	
		The allowance or charge amount will be adjudicated as a separate item, i.e., a debit/credit memo or a separate invoice. The amount will not be reflected in the invoice total amount.	
		02 Off Invoice	
		The allowance or charge amount will be reflected in the total transaction amount, e.g., Total Invoice Amount = Merchandise Price + Charges - Allowances.	
	SAC15	352 Description	X AN 1/80
		A free-form description to clarify the related data elements and their content	

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: 1 At least one of ISS01 ISS03 or ISS05 is required.

2 If either ISS01 or ISS02 is present, then the other is required.

Comments:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
ISS01	382	Number of Units Shipped Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set	X R 1/10
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 See Section III for code list. Refer to 004010VICS Data Element Dictionary for acceptable code values.	M 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.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	CTT01	354	Number of Line Items	M N0 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.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
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 This must be the same number as is in the ST segment (ST02) for the transaction set.	M AN 4/9