



RANDOM HOUSE

EDI Implementation Guide

810 Invoice
X12 Version 4010

Effective: 9-2-2006

Random House EDI



810 Invoice

Notes:

- The Random House EDI Implementation Guide for the 810 transaction documents only the segments and elements used by the RH EDI system. There are additional segments and elements valid for the 810 (version 4010). Segments and elements not listed in this documentation will not be included by the standard RH EDI programs.



810 Invoice

Functional Group = IN

ST Transaction Set Header

Indicates the start of a transaction set and assigns a control number.
(Mandatory)

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>
ST01	143	Transaction Set Identifier Code 810 Invoice
ST02	329	Transaction Set Control Number Assigned sequentially by the sender to uniquely identify the transaction set

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810 Invoice

BIG Beginning Segment for Invoice

Indicates the beginning of the Invoice Transaction Set and transmits identifying numbers and dates.
(Mandatory)

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>
BIG01	373	Date Invoice creation date Format is CCYYMMDD
BIG02	76	Invoice Number
BIG03	373	Date Customer's Purchase order date Format is CCYYMMDD
BIG04	324	Purchase Order Number Purchase order number assigned by customer in Transaction 850-BEG05

Random House EDI



810 Invoice

CUR Currency

To specify the currency used in a transaction.
(Optional)

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>
CUR01	98	Entity Identifier Code SE Selling Party
CUR02	100	Currency Code USD US Dollar CAD Canadian Dollar

Random House EDI



810 Invoice

REF Reference Identification

To specify identifying information.
(Optional)

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>
REF01	128	Reference Identification Qualifier BM Bill of Lading Number
REF02	127	Reference Identification Random House assigned delivery number

Random House EDI



810 Invoice

N1 Name

To identify a party by type of organization, name and code.
(Mandatory)

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>
N101	98	Name Identifier Code BT Bill-to party ST Ship-to VN Vendor
N103	66	Identification Code Qualifier 01 DUNS Number 15 SAN (preferred by Random House) 92 Assigned by buyer
N104	67	Identification Code

Random House EDI



810 Invoice

ITD Terms of Sale

To specify terms of sale.
(Optional)

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>
ITD01	336	Terms Type Code Description: Code identifying type of payment terms. 02 End of Month (EOM)
ITD02	333	Terms Basis Date Code Description: Code identifying the beginning of the terms period. 3 Invoice Date
ITD06	446	Terms Net Due Date Description: Date when total invoice amount is due. Format is CCYYMMDD
ITD07	386	Terms Net Days
ITD12	352	Description

Example:

ITD*02*3**20061031*60*****NET 60 E.O.M.**

Random House EDI



810 Invoice

IT1 Baseline Item Data
Specifies line item data.
(Optional)

Notes:

- There will be one occurrence of the IT1 for each line item ordered.
- Random House can accommodate various customer preferences for the type and location of data that is provided in the IT1 segment. Customers may choose how many product identifiers they wish to receive (i.e, ISBN10, ISBN13 and/or ISBN14 (GTIN). Customers may also select which position the data appears in the IT1 segment.

Examples:

Customer 1 -
PO1-06/07 --- ISBN13

Customer 2 -
PO1-06/07 -- ISBN10
PO1-08/09 -- ISBN13
PO1-10/11 -- PO number
PO1-12/13 -- GTIN

Customer 3 -
PO1-06/07 - PO number
PO1-08/09 - ISBN10
PO1-10/11 - ISBN13

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>
IT101	350	Assigned Identification Line item number as assigned by Random House
IT102	358	Quantity Invoiced
IT103	355	Unit of Measurement Code UN Units
IT104	212	Unit Price Discounted unit price.

The decimal point is provided in the discounted price.
The discounted price is a 4 decimal point value.

Examples:
5.9300
4.9295

Note: All 4 decimals must be used in order to equal the total amount due in the TDS-01. If a customer rounds the unit price to 2 decimals, the result may not equal the total amount due.

Random House EDI



810 Invoice

IT105	639	Base of Unit Price Code PE Price per Each
IT106	235	Product ID Qualifier IB ISBN-10 EN ISBN-13 UK ISBN-14 (GTIN) PO Purchase Order Number SK Stock Keeping Unit (SKU) <i>Can be provided by customer request if sent on the 850 document.</i> UP U.P.C. Consumer Package Code <i>Can be provided by customer request if sent on the 850 document.</i>
IT107	234	Product identifying number
IT108	235	Product ID Qualifier IB ISBN-10 EN ISBN-13 UK ISBN-14 (GTIN) PO Purchase Order Number SK Stock Keeping Unit (SKU) - Can be provided per customer request UP U.P.C. Consumer Package Code - Can be provided per customer request
IT109	234	Product identifying number
IT110	235	Product ID Qualifier IB ISBN-10 EN ISBN-13 UK ISBN-14 (GTIN) PO Purchase Order Number SK Stock Keeping Unit (SKU) - Can be provided per customer request UP U.P.C. Consumer Package Code - Can be provided per customer request
IT111	234	Product identifying number
IT112	235	Product ID Qualifier IB ISBN-10 EN ISBN-13 UK ISBN-14 (GTIN) PO Purchase Order Number SK Stock Keeping Unit (SKU) - Can be provided per customer request UP U.P.C. Consumer Package Code - Can be provided per customer request
IT113	234	Product identifying number

Random House EDI



810 Invoice

IT3 Additional Item Data
To specify additional item data.
(Optional)

<u>Ref.</u>	<u>Data</u>	<u>Name</u>
<u>Des.</u>	<u>Element</u>	
IT303	368	Shipment Status Code AS Available: ISBN Shipped

Random House EDI



810 Invoice

CTP Pricing Information

To specify pricing and discount information.
(Optional)

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>
CTP02	236	Price Identifier Code SLP Suggested List Price
CTP03	212	Unit Price Suggested List Price of one unit
CTP06	648	Price Multiplier Qualifier DIS Discount Multiplier
CTP07	649	Multiplier Value to be used as the multiplier to determine the discount price

The multiplier may contain up to a 4 decimal point value

Example:

Suggested List Price = \$20.00

Discount Multiplier = 0.54

Discount Price would be \$10.8000 per unit (\$20.00 x .54)

Discount Rate would be 46%

Random House EDI



810 Invoice

PID Product/Item Description

To describe a product in coded or free-form format.
(Optional)

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>
PID01	349	Item Description Type F Free-form
PID02	750	Product/Process Characteristic Code 08 Product
PID03	559	Agency Qualifier Code BI Book Industry Systems Advisory Committee (BISAC)
PID04	751	Product Description Code T1 Title
PID05	352	Description Title description

Random House EDI



810 Invoice

TDS Total Monetary Value Summary

To specify the total invoice amount.
(Mandatory)

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>
TDS01	610	Amount Total invoice amount due (including charges when applicable)

The decimal is implied

Example:

*TDS*14040 à Total due is \$140.40*

Random House EDI



810 Invoice

TXI Tax Information

To specify tax information.
(Optional)

Note: The TXI segment is applicable to invoices for Canadian customers.

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>
TXI01	963	Tax Type Code GS Goods and Service Tax (Canadian value-added tax)
TXI02	782	Monetary Amount Total GST amount (decimal is provided)
TXI03	954	Percent GST percentage expressed as a decimal

Example:
TXI*GS*74.61*6

Random House EDI



810 Invoice

SAC Service, Promotion, Allowance, or Charge Information

To specify the amount or percentage for the service, promotion, allowance, or charge.
(Optional)

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>
SAC01	248	Allowance or Charge Indicator C Charge
SAC02	1300	Service, Promotion, Allowance, or Charge Code D240 Freight D500 Special Handling
SAC05	610	Amount Amount charged for freight and/or handling (decimal implied)

Example:

SAC*C*D240*5100 ----à Freight charge of \$51.00 has been charged on invoice

Random House EDI



810 Invoice

CTT Transaction Totals

Transmits a hash total for a specific element in the transaction set.

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>
CTT01	354	Number of Line Items Total number of IT1 segments in the transaction
CTT02	347	Hash Total Total quantity of units in the IT102
CTT03	81	Weight Numeric value of weight in pounds
CTT04	355	Unit or Basis for Measurement Code LB Pounds

Example:
CTT*2*10*14.219*LB

Random House EDI



810 Invoice

SE Transaction Set Trailer

Indicates the end of the transaction set and provides a count of the transmitted segments, including the beginning ST and ending SE segments.

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>
SE01	96	Number of Included Segments Total number of records in the set
SE02	329	Transaction Set Control Number Sequential number assigned by the sender; will be the same as the control number in ST02

Random House EDI



810 Invoice

Example 1 - Customer requests ISBN-10, ISBN-13 and Purchase Order in the 810 document

ST*810*0001
BIG*20060828*1081427260*20060808*04599
CUR*SE*USD
REF*BM*0081427260
N1*VN**15*2013975
N1*BT**15*1529999
N1*ST**15*1469999
ITD*02*3****20061031*60*****NET 60 E.O.M.
IT1*000010*5*UN*14.0400*PE*IB*0345435389*EN*9780345435385*PO*04599
IT3***AS
CTP**SLP*26***DIS*0.54
PID*F*08*BI*T1*SW: ROGUE PLANET
IT1*000011*5*UN*21.6000*PE*IB*0307236722*EN*9780307236722*PO*04599
IT3***AS
CTP**SLP*40***DIS*0.54
PID*F*08*BI*T1*MARTHA STEWART'S BAKING HANDBK
TDS*17820
CTT*2*10*14.219*LB
SE*19*0001

Example 2 - Invoice contains multiple purchase orders

ST*810*0001
BIG*20060828*1081427260*20060808*04599 à PO number in BIG is from the 1st detail record
CUR*SE*USD
REF*BM*0081427260
N1*VN**15*2013975
N1*BT**15*1529999
N1*ST**15*1469999
ITD*02*3****20061031*60*****NET 60 E.O.M.
IT1*000010*5*UN*14.0400*PE*IB*0345435389*EN*9780345435385*PO*04599 à Multiple PO's on the same invoice
IT3***AS
CTP**SLP*26***DIS*0.54
PID*F*08*BI*T1*SW: ROGUE PLANET
IT1*000011*5*UN*21.6000*PE*IB*0307236722*EN*9780307236722*PO*09988 -à Multiple PO's on the same invoice
IT3***AS
CTP**SLP*40***DIS*0.54
PID*F*08*BI*T1*MARTHA STEWART'S BAKING HANDBK
TDS*17820
CTT*2*10*14.219*LB
SE*19*0001

Random House EDI



810 Invoice

Example 3 - Invoice containing a freight charge

ST*810*0001
BIG*20060828*1081427260*20060808*04599
CUR*SE*USD
REF*BM*0081427260
N1*VN**15*2013975
N1*BT**15*1529999
N1*ST**15*1469999
ITD*02*3****20061031*60*****NET 60 E.O.M.
IT1*000010*5*UN*14.0400*PE*IB*0345435389*EN*9780345435385*PO*04599
IT3***AS
CTP**SLP*26***DIS*0.54
PID*F*08*BI*T1*SW: ROGUE PLANET
IT1*000011*5*UN*21.6000*PE*IB*0307236722*EN*9780307236722*PO*04599
IT3***AS
CTP**SLP*40***DIS*0.54
PID*F*08*BI*T1*MARTHA STEWART'S BAKING HANDBK
TDS*19620 à Total due includes \$178.20 product total + \$18.00 freight charge
SAC*C*D240*1800 à \$18.00 freight charge
CTT*2*10*14.219*LB
SE*20*0001

Example 4 - Invoice for Canadian account containing GST tax

ST*810*0001
BIG*20060911*1082009981*20060906*73395
CUR*SE*CAD à Canadian currency
REF*BM*0082009981
N1*VN**15*2013975
N1*BT**15*1299999
N1*ST**15*1299999
ITD*02*3****20061031*60*****NET 60 E.O.M.
IT1*000010*1*UN*22.4000*PE*IB*1561588075*PO*73395*EN*9781561588077
IT3***AS
CTP**SLP*40***DIS*0.56
PID*F****THE BAREFOOT HOME
IT1*000020*1*UN*13.4100*PE*IB*1561588571*PO*73395*EN*9781561588572
IT3***AS
CTP**SLP*23.95***DIS*0.5599
PID*F****DESIGNING & BUILDING CHAIRS
TDS*4016 à Total due includes \$35.81 product total + \$4.35 GST
TXI*GS*4.35*6 à \$4.35 GST tax
ISS***3.4*LB
CTT*2*2
SE*21*0001