



RANDOM HOUSE, INC.

EDI 810 Invoice X12 Version 4010 Implementation Guide

Effective: 01-01-2006



810 Invoice

Functional Group = **IN**

ST Transaction Set Header

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

| <u>Ref. Des.</u> | <u>Data 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 |



BIG Beginning Segment for Invoice

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

| <u>Ref.</u> <u>Des.</u> | <u>Data</u> <u>Element</u> | <u>Name</u> |
|----------------------------|-------------------------------|--|
| BIG01 | 373 | Date Invoice Date Format is CCYYMMDD |
| BIG02 | 76 | Invoice Number Random House Invoice Number |
| BIG03 | 373 | Date Customer's Purchase Order Date Format is CCYYMMDD |
| BIG04 | 324 | Purchase Order Number Assigned by Customer in 850-BEG03 |

Note: For customers who are set-up to allow for multiple PO's on the same invoice, the PO number from the first line item will appear in the BIG-04. There may be different PO numbers associated with each line item. In this situation, the PO number should be obtained from the detailed line item. See IT108/IT109.



CUR Currency

To specify the currency used in a transaction.

| <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 Code (Standard ISO) for country in whose currency the charges are specified. USD - US Dollars CAD - Canadian Dollars |



REF Reference Identification

To specify identifying information.

| <u>Ref. Des.</u> | <u>Data Element</u> | <u>Name</u> |
|----------------------|-------------------------|---|
| REF01 | 128 | Reference Identification Qualifier PK – Packing List Number |
| REF02 | 127 | Reference Identification Random House Delivery Number |



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N1 Name

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

| <u>Ref. Des.</u> | <u>Data Element</u> | <u>Name</u> |
|------------------|---------------------|---|
| N101 | 98 | Entity Identifier Code BT = Bill To ST = Ship To VN = Vendor |
| N103 | 66 | Identification Code Qualifier 15 = Standard Address Number (SAN) |
| N104 | 67 | Identification Code This is the location code as defined by N103. BT - The Bill to SAN number is provided. ST - The Ship to SAN number is provided. VN - The Random House SAN number is provided. |



ITD Terms of Sale

To specify terms of sale.

| <u>Ref.</u> <u>Des.</u> | <u>Data</u> <u>Element</u> | <u>Name</u> |
|----------------------------|-------------------------------|--|
| ITD01 | 336 | Terms Type Code 01 – Basic |
| ITD02 | 333 | Terms Basis Date Code 3 – Invoice Date |
| ITD06 | 446 | Terms Net Due Date Date when invoice amount is due. Format is CCYYMMDD |
| ITD07 | 386 | Terms Net Days Number of days from invoice date until total invoice amount is due. |



IT1 **Baseline Item Data (Invoice)**

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

| <u>Ref. Des.</u> | <u>Data Element</u> | <u>Name</u> |
|------------------|---------------------|---|
| IT101 | 350 | Assigned Identification Line Number |
| IT102 | 358 | Quantity Invoiced |
| IT103 | 355 | Unit or Basis for Measurement Code UN - Unit |
| IT104 | 212 | Unit Price Price per unit after discount The decimal point is provided in the discounted price. The discounted price is a 4 decimal point value. <i>Examples:</i> 5.93000 4.9295 |
| IT105 | 639 | Basis of Unit Price Code PE – Price per Each |
| IT106 | 235 | Product/Service ID Qualifier IB – 10 digit ISBN (International Standard Book Number) |
| IT107 | 234 | Product/Service ID ISBN-10 |
| IT108 | 235 | Product/Service ID Qualifier PO - Purchase Order Number |
| IT109 | 234 | Product/Service ID Line Item Purchase Order Number |



CTP Pricing Information

To specify pricing information

| <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 per unit |
| CTP06 | 648 | Price Multiplier Qualifier DIS – Discount Multiplier |
| CTP07 | 649 | Multiplier Value to be used as a multiplier to obtain the discount price. |

Note: The multiplier is used to compute the price after the discount is applied (e.g. A multiplier of '.56' reflects a 46% discount.) The multiplier may contain up to a 4 decimal point value.



PID Product/Item Description

To describe a product or process in coded or free-form format

| <u>Ref.</u> <u>Des.</u> | <u>Data</u> <u>Element</u> | <u>Name</u> |
|----------------------------|-------------------------------|--|
| PID01 | 349 | Item Description Type F - Freeform |
| PID05 | 352 | Description Title of the product. |



TDS Total Monetary Value Summary

To specify the total invoice amount.

| <u>Ref.</u> <u>Des.</u> | <u>Data</u> <u>Element</u> | <u>Name</u> |
|----------------------------|-------------------------------|---|
| TDS01 | 610 | Amount Total Invoice Amount Due (decimal implied) |
| TDS03 | 610 | Amount Total Invoice Amount Due (decimal implied) |



TXI Tax Information

To specify tax information.

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*174.61*7



SAC Service, Promotion, Allowance, or Charge Information

To specify the amount or percentage for the service, promotion, allowance, or charge

| <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 |
| SAC05 | 610 | Amount Amount charged for freight (decimal implied) |
| SAC12 | 331 | Allowance or Charge Method of Handling Code 06 - Charge to be paid by customer |
| SAC15 | 352 | Description FREIGHT |

Example:

SAC*C*D240*1556*****02***FREIGHT**



ISS Invoice Shipment Summary

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

| <u>Ref.</u> <u>Des.</u> | <u>Data</u> <u>Element</u> | <u>Name</u> |
|----------------------------|-------------------------------|--|
| ISS03 | 81 | Weight Total weight. |
| ISS04 | 355 | Unit or Basis for Measurement Code LB - pounds |

Example:
ISS*168.281*LB**



CTT Transaction Totals

To transmit a hash total for a specific element in the transaction

| <u>Ref.</u> <u>Des.</u> | <u>Data</u> <u>Element</u> | <u>Name</u> |
|----------------------------|-------------------------------|--|
| CTT01 | 354 | Number of Line Items Total number IT1 segments |
| CTT02 | 347 | Hash Total Total quantity of units in IT102 |



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 transaction |
| SE02 | 329 | Transaction Set Control Number Sequential number assigned by the sender; will be the same as the control number in ST02 |



Sample 810 Transactions:

An invoice with multiple purchase orders.

ST*810*0001
BIG*20051209*1080824564*20050603*558868
CUR*SE*USD
REF*PK*0080824564
N1*VN**15*2013975
N1*BT**15*9912024
N1*ST**15*9912051
ITD*01*3***20060331*90
IT1*005900*1*UN*38.2500*PE*IB*2080304909*PO*558868
CTP**SLP*75***DIS*0.51
PID*F****LIVING IN FINLAND
IT1*005901*1*UN*38.2500*PE*IB*2080304909*PO*523543
CTP**SLP*75***DIS*0.51
PID*F****LIVING IN FINLAND
IT1*005902*1*UN*38.2500*PE*IB*2080304909*PO*534299
CTP**SLP*75***DIS*0.51
PID*F****LIVING IN FINLAND
IT1*005903*2*UN*21.4200*PE*IB*2080304968*PO*534299
CTP**SLP*42***DIS*0.51
PID*F****CLASSIC CATS BY GRT PHOTOGS
IT1*007010*1*UN*25.4700*PE*IB*1561585335*PO*516383
CTP**SLP*49.95***DIS*0.5099
PID*F****PATTERNS OF HOME
TDS*18306**18306
ISS***9.5*LB
CTT*5*6
SE*28*0001

A Canadian invoice with GST tax.

ST*810*0001
BIG*20060221*1081124655*20060221*92114
CUR*SE*CAD
REF*PK*0081124690
N1*VN**15*2013975
N1*BT**15*5699999
N1*ST**15*5699999
ITD*01*3***20060430*60
IT1*000010*24*UN*11.7600*PE*IB*0771056540*PO*92114
CTP**SLP*21***DIS*0.56
PID*F****LAST CHANCE TO EAT
TDS*30200**30200
TXI*GS*19.76*7
ISS***25.08*LB
CTT*1*24
SE*16*0001



An invoice with freight charges.

ST*810*0001
BIG*20060125*1081020426*20060125*88901576
CUR*SE*USD
REF*PK*0081020426
N1*VN**15*2013975
N1*BT**15*5699999
N1*ST**15*5699999
ITD*01*3****20060331*60
IT1*000010*25*UN*6.9928*PE*IB*0394758285*PO*88901576
CTP**SLP*12.95***DIS*0.54
PID*F****BIG SLEEP, THE
IT1*000030*25*UN*6.4528*PE*IB*067973225X*PO*88901576
CTP**SLP*11.95***DIS*0.54
PID*F****AS I LAY DYING
TDS*79614**79614
SAC*C*D240***46000*****06***FREIGHT
ISS***25.08*LB
CTT*2*50*22.969*LB
SE*21*0001