



RANDOM HOUSE

EDI Implementation Guide

**855 Purchase Order Acknowledgment
X12 Version 4010**

Effective: 6-26-2006

Random House EDI



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Notes:

- The Random House EDI Implementation Guide for the 855 transaction documents only the segments and elements used by the RH EDI system. There are additional segments and elements valid for the 855 (version 4010). Segments and elements not listed in this documentation will not be included by the standard RH EDI programs.



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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 855 Purchase Order Acknowledgment
ST02	329	Transaction Set Control Number Assigned sequentially by the sender to uniquely identify the transaction set

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BAK Beginning Segment for Purchase Order Acknowledgment

Indicates the beginning of the Purchase Order Acknowledgment Transaction Set and transmits identifying numbers and dates.
(Mandatory)

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>
BAK01	353	Transaction Set Purpose Code 00 Original
BAK02	587	Acknowledgment Type AC Complete Acknowledgment with Detail
BAK03	324	Purchase Order Number Assigned by customer in Transaction 850-BEG03
BAK04	373	Date Purchase order date assigned by customer in Transaction 850-BEG05 Format is CCYYMMDD
BAK06	326	Request Reference Number The Random House assigned order number.
BAK09	373	Date Date order loaded to the Random House application system. Assigned by Random House. Format is CCYYMMDD

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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

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N1 Name

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

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

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PO1 Baseline Item Data

Specifies line item data.
(Mandatory)

Notes:

- There will be one occurrence of the PO1 for each line item ordered.
- Customers have the following two options available for type of data they would like provided in the PO1 segment:
 - Option 1 (Customer data) - Random House will “echo” back the line item information from the original 850 purchase order. The PO1 segment will be identical to the PO1 segment from the originating 850. **Important: Since the PO1 information is “echoed”, the price provided in the PO1-04 should not be interpreted as the Random House discounted unit price. The Random House pricing information for the item ordered is provided in the CTP segments when the “echo” option is selected.**
 - Option 2 (Random House data) - The PO1 segment will contain the following Random House data.
 - § Line item number - Random House assigned line item
 - § Quantity – reported in units
 - § Price - the Random House discounted unit price will be provided (qualifier will be NT)
 - § Product codes - 3 product codes will be provided. The ISBN-10, ISBN-13 and GTIN as ordered by the customer.

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>
PO101	350	Identification Option 1 - The line item identification number as provided by the customer in the 850-PO101 Option 2 – The Random House assigned line item number
PO102	330	Quantity Ordered Option 1 - The quantity provided by the customer in the 850-PO102 Option 2 – The quantity provided by the customer in the 850-PO102
PO103	355	Unit of Measurement Code Option 1 - The basis for measurement code provided by the customer in the 850-PO103 Option 2 - UN Units
PO104	212	Unit Price Option 1 - The unit price provided by the customer in the 850-PO104 Notes: <ul style="list-style-type: none">• The unit price is only provided in the PO1 if the customer has included the price in the originating 850 document• The Random House net (discounted) price is provided in the CTP segment (qualifier equals NET) Option 2 - The Random House net (discounted) unit price

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PO105	639	Base of Unit Price Code Option 1 - The unit price qualifier provided by the customer in the 850-PO105
		Examples:
		NT Net (discounted) unit price (preferred by Random House)
		PE Price per Each
		SR Suggested list price
		Option 2 -
		NT Net (discounted) unit price
PO106	235	Product ID Qualifier Option 1 - The qualifier provided by the customer in the 850-PO106
		Option 2 -
		IB ISBN (10-digit)
PO107	234	Product identifying number
PO108	235	Product ID Qualifier Option 1 - The qualifier provided by the customer in the 850-PO108
		Option 2 -
		EN EAN (13-digit)
PO109	234	Product identifying number
PO110	235	Product ID Qualifier Option 1 - The qualifier provided by the customer in the 850-PO110
		Option 2 -
		UK GTIN (14-digit)
PO111	234	Product identifying number
PO112	235	Product ID Qualifier Option 1 - The qualifier provided by the customer in the 850-PO112
		Option 2 - Not applicable when option 2 is selected.
PO113	234	Product identifying number

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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 NET The Random House discounted unit price
CTP03	212	Unit Price 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

Example:

Suggested List Price = \$20.00

Discount Multiplier = 0.54

Discount Price would be \$10.80 per unit (\$20.00 x .54)

Discount Rate would be 46%

Note:

If the "echo" option is chosen, Random House provides two CTP segments for each detail. The first CTP segment contains the suggested list price and discount multiplier. The second CTP segment contains the Random House discounted unit price. If the "echo" option is not chosen, only the CTP segment containing the suggested retail price will be provided. The Random House discounted price will be provided in the PO104.

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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 Product title

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PO4 Item Physical Details

To specify the physical qualities relating to an item.
(Optional)

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>
P0401	356	Pack Carton quantity

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ACK Line Item Acknowledgment

To acknowledge the ordered quantities for a specific line item.
(Optional)

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>
ACK01	668	Line Item Status Code Basic status only. See ACK29 for details status code values.
		Values:
		IA Item Accepted (item will be shipped or was backordered)
		IR Item Rejected (item cancelled)
ACK02	380	Quantity
ACK03	355	Unit or Basis for Measurement Code UN Unit

Note:

Customers have the following options available for which product codes will appear in the ACK segment:

Substitution option –

- *Option 1 – Always provide product codes in the ACK segment*
- *Option 2 – Only provide product codes when a substitution has occurred (i.e., the ISBN shipping is different than the ISBN ordered). When this option is selected, alternate identifiers (i.e., AI, SR, RR) will be provided.*

ISBN type option –

Customers determine which (ISBN10, ISBN13, and/or GTIN) product codes will appear in the ACK segment.

ACK07	235	Product/Service ID Qualifier IB ISBN-10 EN ISBN-13 UK EAN/UCC-14 (GTIN) AI Alternate ISBN-10 RR Alternate ISBN-13 SR Alternate EAN/UCC-14 (GTIN)
ACK08	234	Product/Service ID Product code
ACK09	235	Product/Service ID Qualifier IB ISBN-10 EN ISBN-13 UK EAN/UCC-14 (GTIN) AI Alternate ISBN-10 RR Alternate ISBN-13 SR Alternate EAN/UCC-14 (GTIN)
ACK10	234	Product/Service ID Product code

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ACK11	235	Product/Service ID Qualifier
		IB ISBN-10
		EN ISBN-13
		UK EAN/UCC-14 (GTIN)
		AI Alternate ISBN-10
		RR Alternate ISBN-13
		SR Alternate EAN/UCC-14 (GTIN)
ACK12	234	Product/Service ID
		Product code

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ACK27	559	Agency Qualifier Code Code identifying the agency assigning the code values
		Value: BI Book Industry Systems Advisory Committee (BISAC)
ACK28	822	Source Sub Qualifier ACK BISAC Acknowledgment Code List
ACK29	1271	Industry Code Detailed line item status code
		Values:
		Backordered Status Codes:
		BA Backordered: Not yet published (Not shipped)
		BR Backordered: Temporarily out of stock (Not shipped)
		Shipping Status Codes:
		AC Item accepted: Released for shipping (Shipping)
		IS Item accepted: Substitution made (Shipping)
		Cancelled Status Codes:
		CA Cancelled: Not yet available (Not shipped)
		CB Cancelled: No longer our publication (Not shipped)
		CD Cancelled: Delay in publication (Not shipped)
		CH Cancelled: Rights no longer ours (Not shipped)
		CO Cancelled: Out of stock indefinitely (Not shipped)
		CP Cancelled: Price Variance Exceeded (Not shipped)
		CQ Cancelled: Did not meet minimum order requirements (Not shipped)
		CR Cancelled: To be reprinted (Not shipped)
		CX Cancelled: Publication cancelled (Not shipped)
		IR Cancelled: Item cancelled (Not shipped)
		KK Cancelled: ISBN incorrect/unknown (Not shipped)
		KM Cancelled: Market for this ISBN is restricted (Not shipped)
		KP Cancelled: Out of Print (Not shipped)
		KR Cancelled: Title remaindered (Not shipped)

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SCH Line Item Schedule

To specify the data for scheduling a specific line item.
(Optional)

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>
SCH01	380	Quantity
SCH02	355	Unit or Basis for Measurement Code UN Unit
SCH05	374	Date Qualifier 080 Scheduled for Shipment (After and Including) 100 No Shipping Schedule Established as of

Note:

Use of qualifier 100 is new functionality Random House has added to the 855 process. Random House will provide the "100" qualifier and current system date when an item has been backordered and the expected shipping date is not known.

SCH06	373	Date Format is CCYYMMDD
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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 Number of PO1 segments in the transaction (PO)
CTT02	347	Hash Total Number of total units in the transaction (PO)

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

