Invoice
(810) Transaction Set

EDI IMPLEMENTATION GUIDE

X12 VERSION 4010

February 27, 2004

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Document Revision History

Version #	Date	Author's Name	Revisions Made
2.0	April 22, 2003	C. Covell	Removed PO4 segment
3.0	February 27, 2004	C. Covell	Added requirement for Free Goods Invoice

KB toys Invoice Processing Requirements & Implementation Procedures

The Invoice form assumes that the sender has, available within their systems, much of the data from the KB toys Purchase Order. After the shipment has been made, the sender needs to inform KB of the billing specifics regarding the goods actually shipped under each particular Purchase Order. This data includes shipment terms and date, shipment method, carrier information, discounts and allowances, details regarding the goods (items) shipped (including shipped quantity for each item, prices, etc.), as well as total invoice amount.

➢ The 810 Invoice must meet ANSI X12 standards, follow VICS conventions as closely as possible, and KB toys EDI Transaction Set Mappings.

➢ The 810 Invoice will be received Monday - Friday from the VAN before 8:00 AM.

➢ Invoices are required for Free Goods. The invoice will indicate zero dollars, zero cost, and the due date will be greater than or equal to the invoice date.

➢ The KB A/P department will decide when a vendor can move to Production status after sufficient parallel testing takes place. A KB toys Coordinator will notify vendors during each phase of the 810 Implementation.

➢ This arrangement may be modified at KB toys' discretion based on the specific circumstances of the testing period.

➢ KB toys requires that the EDI Trading Partner Agreement be signed and returned to KB toys before trading production data.

➢ When a vendor begins sending the 810 Invoice with the Production indicator in ISA15, "P", only EDI invoices will be accepted. Mail and fax invoices will no longer be accepted unless otherwise notified by KB toys EDI or Accounts Payable personnel.

Note: If problems or errors arise in your EDI transactions AFTER you are moved to production status, you will be notified and expected to take corrective action immediately.

Invoice (810) Transaction Set
ANSI X12 - Version 004010
Revised: 4/22/2003

This standard provides the format and establishes the data content of an Invoice (810) transaction set. An invoice transaction set provides for customary and established business and industry practice relative to the submission of Invoices for goods and services. This transaction set should not be used to convey Invoice changes. The following pages provide a layout of the 810 information necessary to send electronic invoices to KB toys.

Segment Summary

Header Area

Segment ID	Loop	Segment Name
ST		Transaction Set Header
BIG		Beginning Segment for Invoice: Invoice Number, Invoice Date, PO Number, PO Date
REF * (multiple occurrences)		Reference Numbers (KB Assigned Vendor Number, BOL Number, Trailer Number)
PER		Buyer Identification
N1 * ----- (multiple occurrences)-----------------------+		Ship-to Distribution Center or Store Number
N3	|	Ship-to Address
N3	|	Ship-to Address
N4--+		Ship-to City, State, Zip, Country
ITD		Terms of Sale
DTM * (multiple occurrences)		Date Shipped, Delivery Date
FOB		Shipment Method of Payment

Detail Area

IT1		Invoice Quantity, Unit Price, Buyer's Catalog Number, and Vendor UPC
IT1--+	|	Invoice Quantity, Unit Price, Buyer's Catalog Number, and Vendor UPC
PID * ----- (multiple occurrences)--------+	|	Product/Item Description
SAC * ---- (multiple occurrences) -------+-------------+		Service, Promotion, Allowance or Charge Information

Summary Area

TDS		Total Invoice Amount
CAD		Carrier Detail
SAC * ---- (multiple occurrences) ---------------------+		Service, Promotion, Allowance or Charge Information
ISS		Invoice Shipment Summary
CTT		Transaction Totals
SE		Transaction Set Trailer

Invoice (810) Transaction Set (V004010)

Header Segments

Segment ID / Elem	Ref#	Name	ANSI X12 Standard		KB Toys Requirements		Comments / Codes
ST		Transaction Set Header	M		M		
ST01	143	Transaction Set Id	M ID	03/03	M		'810'
ST02	329	Transaction Set CTl. No.	M AN	04/09	M		Sequential Control Number

BIG		Beginning Segment	M		M		
BIG01	373	Invoice Date	M DT	08/08	M		Invoice Date
BIG02	076	Invoice Number	M AN	01/22	M		Invoice Number
BIG04	324	PO Number	O AN	01/22	M		KB Purchase Order Number

REF		Reference Numbers	O		M		
REF01	128	Ref. No. Qualifier	M ID	02/03	M ID	02/02	'IA' Internal Vendor Number
REF02	127	Reference Number	C AN	01/30	M AN	04/04	KB toys-Assigned Vendor No. **(See KB toys Implementation Guide)**

Note: The KB toys-assigned vendor number is transmitted on the 850-Purchase Order and must be returned on Invoices.

REF		Reference Numbers	O		O		
REF01	128	Ref. No. Qualifier	M ID	02/03	M ID	02/02	**'BM' Bill of Lading Number**
REF02	127	Reference Number	C AN	01/30	M		**BOL Number**

Note: BOL Number (Bill of Lading) is required for shipments made via common carrier. All other carrier types; ex. Parcel Post, UPS, should include a tracking number if possible as the BOL Number.

REF		Reference Numbers	O		O		
REF01	128	Ref. No. Qualifier	M ID	02/03	M ID	02/02	'ZH' Carrier Assigned Reference Number
REF02	127	Reference Number	C AN	01/30	M		Trailer Number

PER		Administrative Comm. Contact	O		O		
PER01	366	Contact Function Code	M ID	02/02	M		'BD' Buyer Name or Department
PER02	093	Name	O AN	01/60	M AN	01/35	Buyer Name

Header Segments (continued)

Segment ID / Elem	Ref#	Name	ANSI X12 Standard		KB Toys Requirements		Comments / Codes
N1		Name	O		M		
N101	098	Entity ID Code	M ID	02/03	M ID 02/02		'ST' Ship To
N102	093	Name	C AN	01/60	M AN 01/30		KB toys DC or Store Name
N103	066	ID Code Qual	C ID	01/02	M		'92' Assigned by Buyer
N104	067	ID Code	C AN	02/08	M AN 04/04		KB toys DC or Store Number **(See KB toys Implementation Guide)**

Segment ID / Elem	Ref#	Name	ANSI X12 Standard		KB Toys Requirements		Comments / Codes
N3		Address	O		M		
N301	166	Address	M AN	01/55	M AN 01/35		KB toys DC/Store Addr. 1
N302	166	Address	O AN	01/55	O AN 01/35		KB toys DC/Store Addr. 2

Segment ID / Elem	Ref#	Name	ANSI X12 Standard		KB Toys Requirements		Comments / Codes
N3		Address	O		O		
N301	166	Address	M AN	01/55	M AN 01/35		KB toys DC/Store Addr. 3
N302	166	Address	O AN	01/55	O AN 01/35		KB Toys DC/Store Addr. 4

Segment ID / Elem	Ref#	Name	ANSI X12 Standard		KB Toys Requirements		Comments / Codes
N4		Geographic Location	O		M		
N401	019	City Name	O AN	02/30	M AN 02/20		
N402	156	State	O ID	02/02	M		
N403	116	Zip Code	O ID	03/15	M		
N404	026	Country Code	O ID	02/03	O		

Segment ID / Elem	Ref#	Name	ANSI X12 Standard		KB Toys Requirements		Comments / Codes
ITD		Terms of Sale	O		M		
ITD01	336	Terms Type Code	O ID	02/02	O		
ITD02	333	Terms Basis Date Code	O ID	01/02	O		Date Code
ITD03	338	Terms Discount Percent	O R	01/06	M	(1)	Discount Percent
ITD04	370	Terms Discount Due Date	C DT	08/08	C		Discount Earned Date
ITD05	351	Terms Discount Days Due	C N0	01/03	M	(1)	Days in Discount Period
ITD06	446	Terms Net Due Date	O DT	08/08	M	(1/2)	Date Total Invoice Due
ITD07	386	Terms Net Days	O N0	01/03	M	(1/2)	Days in Terms Period
ITD08	362	Terms Discount Amount	O N2	01/10	O		Amount of Terms Discount
ITD12	352	Description	O AN	01/80	M	(1/2)	Description

Notes:
(1) If cash discounts exist, they must be coded into the ITD segment. Specifically, if the ITD03 exists, then the ITD05, ITD06, ITD07, ITD12 are required.

EXAMPLE 1: "ITD***1*20021210*30*20030109*60*20909****1% 30 NET 60~"

Invoice dated 11/10/2002 will allow 1% discount if paid on/before 12/10/2002 where 1% of the total is $209.09 -OR- the NET total is due on 01/09/2003 with no discount.

Header Segments (continued)

Segment ID / Elem	Ref#	Name	ANSI X12 Standard	KB Toys Requirements	Comments / Codes

ITD03 = "1"	Terms Discount	Mandatory	
ITD04 = "20021210	Terms Discount Due Date	Conditional (based on ITD05)	
ITD05 = "30"	Terms Discount Days Due	Mandatory	
ITD06 = "20030109"	Terms Net Due Date	Mandatory	
ITD07 = "60"	Terms Net Days	Mandatory	
ITD08 = "20909"	Terms Discount Amount	Optional	
ITD12 = "1% 30 NET 60"	Description	Mandatory	

(2)   However even if there are no cash discounts (the ITD03 is not sent), we require ITD06, ITD07 and ITD12 on the 810.

EXAMPLE 2: "ITD******20020109*60*****NET 60 DAYS~"

ITD06 = "20030109"	Terms Net Due Date	Mandatory
ITD07 = "60"	Terms Net Days	Mandatory
ITD12 = "NET 60 DAYS"	Description	Mandatory

Invoice dated 11/10/2002 NET total is due on 01/09/2003.

DTM		Date/Time Ref	O		O	
DTM01	374	Date Time Qual	M ID	03/03	M	'011' Shipped Date
DTM02	373	Date	C DT	08/08	M	'Shipped Date

DTM		Date/Time Ref.	O		O	
DTM01	374	Date Time Qual	M ID	03/03	M	'067' Current Schedule Delivery
DTM02	373	Date	C DT	08/08	M	Delivery Date

FOB		F.O.B. Related Instructions	O		M	
FOB01	146	Shipment Method Pay	M ID	02/02	M	'CC' Collect 'CF' Collect, Freight Credited Back to Customer 'PC' Prepaid but Charged to Customer 'PP' Prepaid
FOB02	309	Location Qualifier	C ID	01/02	C	'CA' Country of Origin 'CC' FOB Country 'CI' FOB City 'ZZ' City of Origin
FOB03	352	Description	O AN	01/80	O	

Detail Segments

Segment ID / Elem	Ref#	Name	ANSI X12 Standard		KB Toys Requirements	Comments / Codes
IT1		Invoice Baseline Item Data	M		M	
IT102	358	Quantity Invoiced	C R	01/10	M	Item Quantity
IT103	355	Unit of Measure	C ID	02/02	M	'EA' Each
IT104	212	Unit Price	C R	01/17	M	Unit Price
IT106	235	Prod/Serv ID Qual	O ID	02/02	M	'CB' KB Catalog Number
IT107	234	Prod/Serv ID	C AN	01/48	M AN 01/40	KB toys MFG/Stock (10 char)
IT108	235	Prod/Serv ID Qual	O ID	02/02	O	'UP' UPC Code
IT109	234	Prod/Serv ID	C AN	01/48	O AN 01/40	Mfg UPC Code

PID		Product ID	O		M	
PID01	349	Item Description Type	M ID	01/01	M	'F' Free Form
PID05	352	Description	C AN	01/80	M	Item Description

SAC		Service, Promotion, Allowance or Charge Information	O		O	
SAC01	248	Allowance or Charge Indicator	M ID	01/01	M	**'A' Allowance**
SAC02	1300	Allowance or Charge Code	C ID	04/04	M	'A260' Advertising Allowance 'C000' Defective Allowance 'C540' Early Buy Allowance 'D240' Freight 'F050' Other (See related description in SAC15) 'F670' Price & Marketing Allowance (Mark down per piece) F800' Promotional Allowance (Mark Down) 'I170' Trade Discount 'I530' Volume Discount
SAC05	610	Amount	O N2	01/15	M	Amount of Allowance/Charge

Detail Segments (continued)

Segment ID / Elem	Ref#	Name	ANSI X12 Standard		KB Toys Requirements	Comments / Codes
SAC06	378	Allowance/Charge % Qual.	C ID	01/01	C	'1' Item List (Gross) Cost '2' Item Net Cost 'Z' Mutually Defined
SAC07	332	Allowance/Charge %	C R	01/06	C R2 01/04	(up to 2 decimal places)
SAC15	352	Description	O AN	01/80	O AN 01/11	Description for 'F050 Other' in SAC02

Notes:

1. Each different Allowance **MUST** be transmitted separately.
2. Charges (SAC01 = "C") should not be transmitted on the Detail SAC, but rather should be mapped to the Summary SAC.
3. SAC05 and SAC07 CANNOT be transmitted together on the same SAC occurrence.   Either the Amount (SAC05) **OR** the Percentage (SAC06/07 pair) should be mapped.

   Example: Invoice Gross = $3000. 3% = $90.00 and 1% = $29.10. Total Net Due (TDS) = $2880.90

   A. SAC05 transmitted:
```
SAC*A*I530***9000**********WHSE DFI~
SAC*A*C000***2910**********DEF DFI~
```

   B. SAC06/07 transmitted:
```
SAC*A*I530****1*3********WHSE DFI~
SAC*A*C000****2*1********DEF DFI~
```

Summary Segments

Segment ID / Elem	Ref#	Name	ANSI X12 Standard		KB Toys Requirements	Comments / Codes
TDS		Total Monetary Value Summary	M		M	
TDS01	610	Total Invoice Amount	M N2	01/15	M N2 01/10	Total Invoice Amount less Allowances (not less cash discount)

Notes:
1. Each different Allowance **MUST** be transmitted separately.
2. Charges (SAC01 = "C") should not be transmitted on the Detail SAC, but rather should be mapped to the Summary SAC.
3. SAC05 and SAC07 CANNOT be transmitted together on the same SAC occurrence.   Either the Amount (SAC05) **OR** the Percentage (SAC06/07 pair) should be mapped.

Example: Invoice Gross = $3000. 3% = $90.00 and 1% = $29.10. Total Net Due (TDS) = $2880.90

A. SAC05 transmitted:
```
SAC*A*I530***9000**********WHSE DFI~
SAC*A*C000***2910**********DEF DFI~
```

B. SAC06/07 transmitted:
```
SAC*A*I530****1*3********WHSE DFI~
SAC*A*C000****2*1********DEF DFI~
```

SAC		Service Charge Information	O		O	
SAC01	248	Allowance or Charge Indicator	M ID	01/01	M	**'C' Charge**
SAC02	1300	Allowance or Charge Code	C ID	04/04	M	'D200' Freight to Destination 'A310' Air Freight
SAC05	610	Amount	O N2	01/15	O	Amount of Charge

ISS		Invoice Shipment Summary	O		O	
ISS01	382	Number of Units Shipped	C R	01/10	M	Total Cartons
ISS02	355	Unit of Measure Code	C ID	02/02	M	'CA' Cases
ISS03	081	Weight	C R	01/10	M	Total Weight
ISS04	355	Unit of Measure Code	C ID	02/02	M	'LB' Pounds

CTT		Transaction Totals	O		M	
CTT01	354	Number of Line Items	M N0	01/06	M	Number of Line Items in the 810 document

SE		Transaction Set Trailer	M		M	
SE01	096	Number of Included Segments	M N0	01/10	M	Number of Segments in the 810 document
SE02	329	Transaction Set Control Number	M AN	04/09	M	Control Number from ST02

Invoice Example

Note: The asterisk (*) and semicolon (;) are used in the examples to enhance the segment readability.
These characters should <u>not</u> be received in test or production transmissions to KB toys.

```
ST*810*000000001;
BIG*20030301*130441**410249A;
REF*IA*4343;
REF*BM*S950256;
PER*BD*JOHN DOE;
N1*ST*KB TOYS DISTRIBUTION CTR. 0991*92*0991;
N3*1505 W HOUSATONIC ST;
N4*PITTSFIELD*MA*01201;
ITD*03*03*2*20030311*10*20030331*30*****2 % 10 NET 30;
DTM*011*20030228;
DTM*067*20030310;
FOB*PP;
IT1**40*EA*9.5**CB*4343899559*UP*20041355843;
PID*F****WIDGET;
IT1**6*EA*6.5*CB*4343616177*UP*14255144565;
PID*F****PORTABLE WIDGET;
TDS*41062;
CAD*M***CFWY***CN*P8431444;
SAC*A*A260***838*********ADVERTISING;
ISS*10*CA*2.3*LB;
CTT*2;
SE*24*000000001;
```