

Brooks Pharmacy

EDI Implementation Guide
For Invoices
(ANSI X12 **810** Version 4010)

October 2000

Version V2.4

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Overview

Objective

The purpose of this document is to provide detailed information of our mapping of the ANSI X12 810 invoice and the ANSI X12 997 functional acknowledgment.

Contacts

Questions Regarding	Contact	Phone
Test Scheduling	Lisa Cardoza <i>EDI Technical Contact</i>	(401) 825-3828
Brooks EDI contact	Lisa Cardoza <i>EDI Technical Contact</i>	(401) 825-3828
Brooks EDI backup	Barbara Donnellan <i>EDI Project Manager</i>	(401) 825-3986

Types of EDI Invoices

Currently, Brooks Pharmacy receives the ANSI X12 810 invoice.

Checklist for Invoice Implementation

Type Of Task	Start Date	Comp Date
Assign technical resource to implement Brooks Pharmacy EDI Invoice.		
Book test appointment period with Brooks Pharmacy.		
Fax the EDI Test Appointment Form to Brooks Pharmacy (Last page of this document).		
If you plan to integrate, assign technical resource to design and develop an application data file which meets translation and mapping requirements.		
Determine if your translator contains the ANSI X12 810 and 997 standard (version 4010). If not, obtain standard from your translator provider.		
Create outbound map to meet Brooks Pharmacy 810 mapping specifications.		
Create inbound map to meet Brooks Pharmacy 997 mapping specifications.		
Perform internal testing prior to testing with Brooks Pharmacy.		
Begin connectivity testing with Brooks Pharmacy by sending an initial test Invoice.		
Receive Brooks Pharmacy store numbers listing and update your customer database with Brooks Pharmacy's store numbers.		
Finalize internal testing prior to parallel testing using the initial test Invoice.		
Begin application/parallel testing with Brooks Pharmacy. Ensure you compare the EDI Invoice to the actual invoice.		
Complete testing process with Brooks Pharmacy.		
Document desk procedures.		
Fix target date to move EDI to production (no manual invoice).		

Testing

Testing is required before suppliers can send EDI invoices to Brooks Pharmacy on a production basis.

Test scheduling will be conducted by Brooks Pharmacy. Suppliers are requested to book a test appointment with Brooks Pharmacy (ref.: Checklist). Suppliers should ensure that the appropriate technical resource is available. Any development work to ensure compliance with Brooks Pharmacy's data map should be completed *PRIOR* to the testing phase.

Upon receiving of the test appointment, Brooks Pharmacy will send you a complete list of our store numbers. Suppliers should update their database accordingly *PRIOR* to the testing phase.

Testing is organized into the following two parts. It should take no longer than 4 weeks to complete. (Suppliers may complete testing within 1 week if all test requirements have been met)

- Connectivity/Initial Testing (1 week period)
- Parallel Testing (3 week period)

Brooks Pharmacy will then contact you and agree on a date to when paper invoice can be suppressed.

Pre-Test Preparation

Suppliers prepare their systems to send Brooks Pharmacy invoices *PRIOR* to initiating testing with Brooks Pharmacy. (ref.: Checklist).

Connectivity/Initial Testing

Brooks Pharmacy will receive a generic test invoice which you have generated from your translator. This test invoice should contain a complete list of all active warehouse items that we purchase from you, and composed of all the segments and conditions that we expect to receive in the future.

The initial test invoice should be used to finalize your internal tests and also to verify the validity of our store numbers which you will use to identify the ship-to and bill-to customers. Once this is completed, and that we have successfully transmitted a detailed positive functional acknowledgment (997), you will proceed to parallel testing *IF* you are already exchanging the purchase order (850) with Brooks Pharmacy.

If you are not already exchanging the purchase order (850) with Brooks Pharmacy, we will send you a complete list of all active warehouse items that we purchase from you. The updating of UPCs must be completed within the connectivity/initial testing period since Brooks Pharmacy expects the parallel testing to start immediately after the test invoice reception. The corrections to UPCs, if any, should be faxed to Brooks Pharmacy on a document that will show both old and corrected UPCs, our item number and full item description.

Parallel Testing

Brooks Pharmacy will receive EDI invoices during this period. These EDI invoices will be compared to the regular hardcopy production invoices for accuracy. Any technical changes or issues should be resolved within the three week period as Brooks Pharmacy is planning to suppress the paper invoice subsequent to testing.

Prior to moving to production, the supplier and Brooks Pharmacy will agree that the paper invoice can be discontinued.

Production

In production you will send the EDI invoice 'only'. By now you must have established desk procedures to ensure that the EDI invoices are sent on a regular basis and have an established process for creating EDI invoices directly from your invoicing system. The use of the 997 is mandatory for you to confirm that we have received your invoice.

Communication Information

Item	Connectivity Test	Parallel Test	Production
Standard	ANSI X12	ANSI X12	ANSI X12
Version	4010	4010	4010
Network	IBM Global Services	IBM Global Services	IBM Global Services
Qualifier	01	01	01
Sender/Receiver ID	089347736	089347736	089347736
Test Indicator	T	T	P
Segment Delimiter (ASCII/EBCDIC)	Hex 15/15	Hex 15/15	Hex 15/15
Element Delimiter (ASCII/EBCDIC)	Hex 2A/5C	Hex 2A/5C	Hex 2A/5C
Subelement Delimiter (ASCII/EBCDIC)	Hex 3E/6E	Hex 3E/6E	Hex 3E/6E
Receive Times (810)	Mutually Defined	6:00 a.m.	6:00 a.m.
Send Times (997)	Mutually Defined	8:00 p.m.	8:00 p.m.

If you are a customer on IBM Global Services, you will need the following Brooks Pharmacy - Account and User ID information to establish communications.

Item	Connectivity Test	Parallel Test	Production
Account ID	BMDI	BMDI	BMDI
User ID	BMDTEST	BMDPROD	BMDPROD

Invoice Mapping

Segment Summary

These are the segments that we use from the 810, and a description of their purpose.

The codes for the Required (Req.) column are as follows:

M - ANSI mandatory, required and used by Brooks Pharmacy.

O - ANSI optional, may be required and used by Brooks Pharmacy.

X - ANSI conditional, may be required and used by Brooks Pharmacy.

The MAX USE column is Brooks Pharmacy's maximum use of that segment. It may be different from the ANSI X12 standards MAX USE, but never more than the ANSI X12 standards MAX USE.

The mapping specifications will only contain segments deemed necessary via the ANSI X12 standards and Brooks Pharmacy business requirements. Segments that are optional and not a requirement for Brooks Pharmacy applications will not appear in the Brooks Pharmacy EDI map.

Envelope Header: *(one occurrence per transmission)*

	Pos. No.	Seg. Id.	Name	Req. Des.	Max. Use	Loop Repeat	Notes and Comments
Must Use		ISA	Interchange Control Header	M	1		
Must Use		GS	Functional Group Header	M	1		

Heading:

	Pos. No.	Seg. Id.	Name	Req. Des.	Max. Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BIG	Beginning Segment for Invoice	M	1		
	030	NTE	Note / Special Instruction	O	100		
	050	REF	Reference Identification	O	12		
	LOOP ID – N1					3	Maximum for Brooks
	070	N1	Name	O	1		
	080	N2	Additional Name Information	O	2		
	090	N3	Address Information	O	2		
	100	N4	Geographic Location	O	1		
	130	ITD	Terms of Sale / Deferred Terms of Sale	O	>1		
	140	DTM	Date / Time Reference	O	10		
	150	FOB	F.O.B. Related Instructions	O	1		

Detail:

	Pos. No.	Seg. Id.	Name	Req. Des.	Max. Use	Loop Repeat	Notes and Comments
	LOOP ID – IT1					999	Maximum for Brooks
	010	IT1	Baseline Item Data (Invoice)	O	1		
	LOOP ID – PID					999	Maximum for Brooks
	060	PID	Product / Item Description	O	1		
	100	PO4	Item Physical Details	O	1		
	LOOP ID – SAC					25	
	180	SAC	Service, Promotion, Allowance or Charge Information	O	1		

Summary:

	Pos. No.	Seg. Id.	Name	Req. Des.	Max. Use	Loop Repeat	Notes and Comments
Must Use	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		
	070	CTT	Transaction Totals	O	1		
Must Use	080	SE	Transaction Set Trailer	M	1		

Envelope Trailer: *(one occurrence per transmission)*

	Pos. No.	Seg. Id.	Name	Req. Des.	Max. Use	Loop Repeat	Notes and Comments
Must Use		GE	Functional Group Trailer	M	1		
Must Use		IEA	Interchange Control Trailer	M	1		

Segment Definitions**ISA - Interchange Control Header**

Description To start and identify an interchange of one or more functional groups and interchange related control segments.

Segment Details This is an ANSI mandatory segment and will be expected by Brooks Pharmacy.

Ele. Pos.	Ele. ID	Element Name	Req.	Type	Length	Value or Usage
ISA01	I01	Authorization Information Qualifier	M	ID	02/02	00
ISA02	I02	Authorization Information	M	AN	10/10	BLANK
ISA03	I03	Security Information Qualifier	M	ID	02/02	00
ISA04	I04	Security Information	M	AN	10/10	BLANK
ISA05	I05	Interchange ID Qualifier	M	ID	02/02	Provided by Sender
ISA06	I06	Interchange Sender ID	M	AN	15/15	Provided by Sender
ISA07	I05	Interchange ID Qualifier	M	ID	02/02	01
ISA08	I07	Interchange Receiver ID	M	AN	15/15	089347736
ISA09	I08	Interchange Date	M	DT	06/06	Software generated
ISA10	I09	Interchange Time	M	TM	04/04	Software generated
ISA11	I10	Interchange Control Standards ID	M	ID	01/01	U
ISA12	I11	Interchange Control Version ID	M	ID	05/05	00401
ISA13	I12	Interchange Control Number	M	N0	09/09	Software generated
ISA14	I13	Acknowledgment Requested	M	ID	01/01	0
ISA15	I14	Usage Indicator	M	ID	01/01	T – Test P – Production
ISA16	I15	Component Element Separator	M	AN	01/01	>

GS - Functional Group Header

Description To indicate the beginning of a functional group and to provide control information.

Segment Details This is an ANSI mandatory segment and will be expected by Brooks Pharmacy.

Ele. Pos.	Ele. ID	Element Name	Req.	Type	Length	Value or Usage
GS01	479	Functional ID Code	M	ID	02/02	IN
GS02	142	Application Sender ID	M	AN	02/15	Provided by Sender
GS03	124	Application Receiver ID	M	AN	02/15	089347736
GS04	373	Date	M	DT	08/08	System generated
GS05	337	Time	M	TM	04 /08	System generated
GS06	028	Group Control Number	M	N0	01/09	System generated
GS07	455	Responsible Agency Code	M	ID	01/02	X
GS08	480	Version-Release-Industry ID Code	M	AN	01/12	004010

ST - Transaction Set Header

Description To indicate the beginning of a transaction set and to assign a control number.

Segment Details This is an ANSI mandatory segment and will be expected by Brooks Pharmacy.

Ele. Pos.	Ele. ID	Element Name	Req.	Type	Length	Value or Usage
ST01	143	Transaction Set ID	M	ID	03/03	810
ST02	329	Transaction Set Control Number	M	AN	04/09	System generated

BIG - Beginning Segment for Invoice

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

Segment Details This is an ANSI mandatory segment and will be expected by Brooks Pharmacy.

Ele. Pos.	Ele. ID	Element Name	Req.	Type	Length	Value or Usage
BIG01	373	Invoice Date	M	DT	08/08	Invoice issue date (ccyymmdd)
BIG02	76	Invoice Number	M	AN	01/15	Invoice number
BIG03	373	Date	O	DT	08/08	Brooks Pharmacy PO Date (ccyymmdd)
BIG04	324	Purchase Order Number	O	AN	01/08	Brooks Pharmacy PO number
BIG07	640	Transaction Type Code	O	ID	02/02	Transaction Type Code

NTE - Note / Special Instruction

Description To transmit information in a free-form format, if necessary, for comment or special instructions

Segment Details This is an ANSI optional segment and will be used by Brooks Pharmacy if general or promotional instructions are required on an invoice level.

Ele. Pos.	Ele. ID	Element Name	Req.	Type	Length	Value or Usage
NTE01	363	Note Reference Code	O	ID	03/03	INV – Invoice
NTE02	352	Description	M	AN	01/80	Free Form Message

REF - Reference Identification

Description To Specify identifying numbers.

Segment Details This is an ANSI optional segment and will used by Brooks Pharmacy.

Ele. Pos.	Ele. ID	Element Name	Req.	Type	Length	Value or Usage
REF01	128	Reference Identification Qualifier	M	ID	02/03	<i>AP – Account Receivable Number VR – Vendor Id Number ST – Store Number BM – Bill of Lading Number DP – Department Number</i>
REF02	127	Reference Identification	X	AN	01/15	Reference Number

N1 - Name

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

Segment Details This is an ANSI optional segment and will be used by Brooks Pharmacy.

Ele. Pos.	Ele. ID	Element Name	Req.	Type	Length	Value or Usage
N101	098	Entity Identifier Code	M	ID	02/02	ST - Ship-to BT - Bill-to RE – Remit to BS – Bill and Ship to SU – Supplier/Manufacturer
N102	093	Name	X	AN	01/30	Name
N103	066	Identification Code Qualifier	X	ID	01/02	9 – DUNS number with Four Character Suffix
N104	067	Identification Code	X	AN	02/20	<i>See note</i>

Note: The following entries are valid for Brooks Pharmacy invoices :

- XXXXXXXXXXxxxx Code identifying the party to receive the commercial invoice remittance
- 0893477360000 BROOKS PHARMACY (**Head Office**)
50 SERVICE AVENUE
WARWICK, RI, USA
02886
- 0893477360002 PJC DIST. DBA BROOKS PHARMACY (**Warehouse**)
R.R.1, 500 FORBES ROAD
DAYVILLE, CT, USA
06241
- 089347736nnnn Brooks Pharmacy store name and address (**Drop Ship**)
where “nnnn” is a 4 digit code representing our store numbers

N2 – Additional Name Information

Description To specify additional names or those longer than 35 characters in length.

Segment Details This is an ANSI optional segment and will be used by Brooks Pharmacy.

Ele. Pos.	Ele. ID	Element Name	Req.	Type	Length	Value or Usage
N201	93	Name	M	AN	01/60	Name

N3 - Address Information

Description To specify the location of the named party.

Segment Details This is an ANSI optional segment and will be used by Brooks Pharmacy.

Ele. Pos.	Ele. ID	Element Name	Req.	Type	Length	Value or Usage
N301	166	Address Information	M	AN	01/30	Address (line 1)
N302	166	Address Information	O	AN	01/30	Address (line 2)

N4 - Geographic Location

Description To specify the geographic place of the named party

Segment Details This is an ANSI optional segment and will be used by Brooks Pharmacy.

Ele. Pos.	Ele. ID	Element Name	Req.	Type	Length	Value or Usage
N401	019	City Name	O	AN	02/30	City
N402	156	State or Province Code	O	ID	02/02	State or Province code
N403	116	Postal Code	O	ID	03/10	Postal code or Zip code
N404	026	Country Code	O	ID	02/03	Country code

ITD - Terms of Sale / Deferred Terms of Sale

Description To specify terms of sales.

Segment Details This is an ANSI optional segment and will be used by Brooks Pharmacy.

Ele. Pos.	Ele. ID	Element Name	Req.	Type	Length	Value or Usage
ITD01	336	Terms Type Code	O	ID	02/02	<i>See note</i>
ITD02	333	Terms Basis Date Code	O	ID	01/02	3 - Invoice date
ITD03	338	Terms Discount Percent	O	R	01/05	Discount percentage
ITD04	370	Terms Discount Due Date	X	DT	08/08	Discount due date (ccymmdd)
ITD05	351	Terms Discount Days Due	X	N0	01/03	Number of discount days
ITD06	446	Terms Net Due Date	O	DT	08/08	Net due date (ccymmdd)
ITD07	386	Terms Net Days	O	N0	01/03	Number of net days
ITD08	362	Terms Discount Amount	O	N2	01/10	Total amount of terms discount
ITD12	352	Description	O	AN	01/80	Terms description

Note: The following entries are valid for Brooks Pharmacy invoices:

01 - Basic

Is expected for terms with number of days (Ex: 2% 10/NET 30, or NET 30).

The following fields will be used: ITD01, ITD02, ITD03, ITD05, ITD07, ITD08 and ITD12.

02 - End of Month

Is expected for end of month terms (Ex: 2% 10/EOM).

The following fields will be used: ITD01, ITD02, ITD03, ITD05, ITD08 and ITD12.

03 - Fixed Date

Is expected for terms with fixed dates (Ex: 2% 960122/NET 960212, or NET 960212).

The following fields will be used: ITD01, ITD02, ITD03, ITD04, ITD06, ITD08 and ITD12.

08 – Basic Discount Offered

Is expected for terms with number of days (Ex: 2% 30 Days/NET 31 Days).

The following fields will be used: ITD01, ITD02, ITD03, ITD05, ITD07, ITD08 and ITD12.

DTM - Date/Time Reference

Description To specify pertinent dates and times.

Segment Details This is an ANSI optional segment and will be used by Brooks Pharmacy.

Ele. Pos.	Ele. ID	Element Name	Req.	Type	Length	Value or Usage
DTM01	374	Date/Time Qualifier	M	ID	03/03	011 – Shipped
DTM02	373	Date	X	DT	08/08	Ship Date (ccyymmdd)

FOB – F.O.B. Related Instructions

Description To specify transportation instructions relating to shipment.

Segment Details This is an ANSI optional segment and will be used by Brooks Pharmacy.

Ele. Pos.	Ele. ID	Element Name	Req.	Type	Length	Value or Usage
FOB01	146	Shipment Method of Payment	M	ID	02/02	CC – Collect CD – Collect on Delivery PP – Prepaid (by Seller) PB – Customer Pick-up
FOB02	309	Location Qualifier	X	ID	01/02	OR – Origin
FOB03	352	Description	O	AN	01/80	Free Form Description

IT1 - Baseline Item Data (Invoice)

Description To specify line item data.

Segment Details This is an ANSI optional segment and will be used by Brooks Pharmacy.

Ele. Pos.	Ele. ID	Element Name	Req.	Type	Length	Value or Usage
IT102	358	Quantity Invoiced	X	R	01/09	Quantity of item invoiced
IT103	355	Unit or Basis for Measurement Code	X	ID	02/02	CA – Case DZ – Dozen EA – Each
IT104	212	Unit Price	X	R	01/14	Unit price according to unit of measure
IT106	235	Product/Service ID Qualifier	X	ID	02/02	<i>See note</i>
IT107	234	Product/Service ID	X	AN	01/16	Item Code
IT108	235	Product/Service ID Qualifier	X	ID	02/02	<i>See note</i>
IT109	234	Product/Service ID	X	AN	01/15	Item Code
IT110	235	Product/Service ID Qualifier	X	ID	02/02	<i>See note</i>
IT111	234	Product/Service ID	X	AN	01/15	Purchaser's item number

Note: The following entries are valid for Brooks Pharmacy invoices:

IT106

BC – Brand Code
ND – N.D.C. National Drug Code (5-4-2)
N4 – N.D.C. National Drug Code (5-4-2)
NH – National Health Related Item Code
UA – U.P.C./E.A.N. Case Code (2-5-5)
UE – U.P.C. Consumer Package Code (1-5-5)
UI – U.P.C. Consumer Package Code (1-5-5)
UN – U.P.C. Case Code Number (1-1-5-5)
UP – U.P.C. Consumer Package Code (1-5-5-1)
VC – Vendor’s (Seller’s) Catalog Number
VN – Vendor’s (Seller’s) Item Number
ZZ – Mutually Defined

IT108

BC – Brand Code
ND – N.D.C. National Drug Code (5-4-2)
N4 – N.D.C. National Drug Code (5-4-2)
NH – National Health Related Item Code
UA – U.P.C./E.A.N. Case Code (2-5-5)
UE – U.P.C. Consumer Package Code (1-5-5)
UI – U.P.C. Consumer Package Code (1-5-5)
UN – U.P.C. Case Code Number (1-1-5-5)
UP – U.P.C. Consumer Package Code (1-5-5-1)
VC – Vendor’s (Seller’s) Catalog Number
VN – Vendor’s (Seller’s) Item Number
ZZ – Mutually Defined

IT110

PI – Purchaser’s Item Number
UI – U.P.C. Consumer Package Code (1-5-5)
UP – U.P.C. Consumer Package Code (1-5-5-1)

NOTE We expect to receive the UPC Item Code (UI or UP) at the element IT110 if not already indicated at element IT106 or IT108.

PID - Product / Item Description

Description To describe a product in a free-form format.

Segment Details This is an ANSI optional segment and will be used by Brooks Pharmacy.

Ele. Pos.	Ele. ID	Element Name	Req.	Type	Length	Value or Usage
PID01	349	Item Description Type	M	ID	01/01	F - Free-form description
PID05	352	Description	X	AN	01/80	Item description

PO4 - Item Physical Details

Description To specify pack and case sizes.

Segment Details This is an ANSI optional segment and will be used by Brooks Pharmacy.

Ele. Pos.	Ele. ID	Element Name	Req.	Type	Length	Value or Usage
PO401	356	Pack	O	N0	01/06	Number of units in a case

SAC – Service, Promotion, Allowance, or Charge Information

Description To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge.

Segment Details This is an ANSI optional segment and will be used by Brooks Pharmacy.

Ele. Pos.	Ele. ID	Element Name	Req.	Type	Length	Value or Usage
SAC01	248	Allowance or Charge Indicator	M	ID	01/01	A – Allowance C – Charge N – No allowance or Charge
SAC02	1300	Service, Promotion, Allowance, or Charge Code	X	ID	04/04	<i>See Note</i>
SAC05	610	Amount	O	N2	01/11	Monetary amount
SAC12	331	Allowance or Charge Method of Handling Code	O	ID	02/02	<i>See Note</i>
SAC13	127	Reference Identification	X	AN	01/30	Allowance/Charge Number
SAC15	352	Description	X	AN	01/80	Free Form Description

Note: The following entries are valid for Brooks Pharmacy invoices:

SAC02

A170 – Adjustments
A260 – Advertising Allowance
A400 – Allowance non performance
D500 – Handling
F280 – Performance Allowance
F340 – Pick up Allowance
H850 – Tax Charge
I410 – Unsalable Merchandise Allowance

SAC12

02 – Off Invoice
06 – Charge to be paid by Customer

TDS - Total Monetary Value Summary

Description To specify the total invoice discounts and amounts.

Segment Details This is an ANSI mandatory segment and will be expected by Brooks Pharmacy.

Ele. Pos.	Ele. ID	Element Name	Req.	Type	Length	Value or Usage
TDS01	610	Total Amount of Invoice	M	N2	01/11	Invoice Dollar Total
TDS02	610	Amount Subject to Terms	O	N2	01/11	Amount Subject to Terms
TDS03	610	Discounted Amount Due	O	N2	01/11	Discounted Amount Due
TDS04	610	Terms Discount Amount	O	N2	01/11	Terms Discount Amount

CAD – Carrier Detail

Description To specify Transportation details for the transaction.

Segment Details This is an ANSI optional segment and will be used by Brooks Pharmacy.

Ele. Pos.	Ele. ID	Element Name	Req.	Type	Length	Value or Usage
CAD01	091	Transportation Method/Type Code	O	ID	01/02	M – Motor (common carrier) H – Consumer Pick up
CAD02	206	Equipment Initial	O	AN	01/04	Equipment Initial
CAD03	207	Equipment Number	O	AN	01/10	Equipment Number
CAD04	140	Standard Carrier Alpha Code	X	ID	02/04	Code Identifying the Transportation Company
CAD05	387	Routing	X	AN	01/35	Free Form Description
CAD06	368	Shipment/Order Status Code	O	ID	02/02	BP – Partial Shipment. Backorder CC – Partial Shipment. No backorder CP – Shipment complete
CAD07	128	Reference Identification Qualifier	O	ID	02/03	BM – Bill of Lading Number
CAD08	127	Reference Identification	X	AN	01/30	Reference information

SAC – Service, Promotion, Allowance, or Charge Information

Description To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge.

Segment Details This is an ANSI optional segment and will be used by Brooks Pharmacy.

Ele. Pos.	Ele. ID	Element Name	Req.	Type	Length	Value or Usage
SAC01	248	Allowance or Charge Indicator	M	ID	01/01	A – Allowance C – Charge N – No allowance or Charge
SAC02	1300	Service, Promotion, Allowance, or Charge Code	X	ID	04/04	<i>See Note</i>
SAC05	610	Amount	O	N2	01/11	Monetary amount
SAC12	331	Allowance or Charge Method of Handling Code	O	ID	02/02	<i>See Note</i>
SAC13	127	Reference Identification	X	AN	01/30	Allowance/Charge Number
SAC15	352	Description	X	AN	01/80	Free Form Description

Note: The following entries are valid for Brooks Pharmacy invoices:

SAC02

A170 – Adjustments
A260 – Advertising Allowance
A400 – Allowance non performance
D500 – Handling
F280 – Performance Allowance
F340 – Pick up Allowance
H850 – Tax Charge
I410 – Unsalable Merchandise Allowance

SAC12

02 – Off Invoice
06 – Charge to be paid by Customer

ISS – Invoice Shipment Summary

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

Segment Details This is an ANSI optional segment and will be used by Brooks Pharmacy.

Ele. Pos.	Ele. ID	Element Name	Req.	Type	Length	Value or Usage
ISS01	382	Number of Units Shipped	X	R	01/10	Number of units shipped in manufacturer's shipping units
ISS02	355	Unit or Basis for Measurement Code	X	ID	02/02	CA – Cases
ISS03	081	Weight	X	R	01/10	Weight
ISS04	355	Unit or Basis for Measurement Code	X	ID	02/02	PG – Pounds Gross
ISS05	183	Volume	X	R	01/08	Volume
ISS06	355	Unit or Basis for Measurement Code	X	ID	02/02	CF – Cubic Feet

CTT - Transaction Totals

Description To transmit the total number of lines in the transaction set.

Segment Details This is an ANSI mandatory segment and will be expected by Brooks Pharmacy.

Ele. Pos.	Ele. ID	Element Name	Req.	Type	Length	Value or Usage
CTT01	354	Number of Line Items	M	N0	01/06	Number of IT1 segments
CTT02	347	Hash Total	O	R	01/10	Total invoiced quantities

SE - Transaction Set Trailer

Description To indicate the end of a transaction set and to provide the count of the transmitted segments including the ST and SE segments.

Segment Details This is an ANSI mandatory segment and will be expected by Brooks Pharmacy.

Ele. Pos.	Ele. ID	Element Name	Req.	Type	Length	Value or Usage
SE01	096	Number of Includes Segments	M	N0	01/10	Total number of segments within a transaction including ST and SE segments
SE02	329	Transaction Set Control Number	M	AN	04/09	Will be the same as ST02

GE - Functional Group Trailer

Description To indicate the end of a functional group and to provide control information.

Segment Details This is an ANSI mandatory segment and will be expected by Brooks Pharmacy.

Ele. Pos.	Ele. ID	Element Name	Req.	Type	Length	Value or Usage
GE01	097	Number of Included Transaction Sets	M	N0	01/06	Total number of ST segments
GE02	028	Data Interchange Control Number	M	N0	01/09	Will be the same as GS06

IEA - Interchange Control Trailer

Description To define the end of one or more functional groups and interchange-related control segments.

Segment Details This is an ANSI mandatory segment and will be expected by Brooks Pharmacy.

Ele. Pos.	Ele. ID	Element Name	Req.	Type	Length	Value or Usage
IEA01	I16	Number of Included Groups	M	N0	01/05	Total number of GS segments
IEA02	I12	Interchange Control Number	M	N0	09/09	Will be the same as ISA13

Functional Acknowledgment Mapping

Segment Summary

These are the segments of the 997 that we will send, and a description of their purpose.

The codes for the Required (Req.) column are as follows:

M - ANSI mandatory, required and used by Brooks Pharmacy.

O - ANSI optional, may be required and used by Brooks Pharmacy.

The MAX USE column is Brooks Pharmacy's maximum use of that segment. It may be different from the ANSI X12 standards MAX USE, but never more than the ANSI X12 standards MAX USE.

The mapping specifications will only contain segments deemed necessary via the ANSI X12 standards and Brooks Pharmacy business requirements. Segments that are optional and not a requirement for Brooks Pharmacy applications will not appear in the Brooks Pharmacy EDI map.

Envelope Header: *(one occurrence per transmission)*

	Pos. No.	Seg. Id.	Name	Req. Des.	Max. Use	Loop Repeat	Notes and Comments
Must Use		ISA	Interchange Control Header	M	1		
Must Use		GS	Functional Group Header	M	1		

Table 1:

	Pos. No.	Seg. Id.	Name	Req. Des.	Max. Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	AK1	Functional Group Response Header	M	1		
			LOOP ID – AK2			999999	Maximum for Brooks
	030	AK2	Transaction Set Response Header	O	1		
Must Use	060	AK5	Transaction Set Response Trailer	M	1		
Must Use	070	AK9	Functional Group Response Trailer	M	1		
Must Use	080	SE	Transaction Set Trailer	M	1		

Envelope Trailer: *(one occurrence per transmission)*

	Pos. No.	Seg. Id.	Name	Req. Des.	Max. Use	Loop Repeat	Notes and Comments
Must Use		GE	Functional Group Trailer	M	1		
Must Use		IEA	Interchange Control Trailer	M	1		

Segment Definitions**ISA - Interchange Control Header**

Description To start and identify an interchange of one or more functional groups and interchange related control segments.

Segment Details This is an ANSI mandatory segment and will be expected by Brooks Pharmacy.

Ele. Pos.	Ele. ID	Element Name	Req.	Type	Length	Value or Usage
ISA01	I01	Authorization Information Qualifier	M	ID	02/02	00
ISA02	I02	Authorization Information	M	AN	10/10	BLANK
ISA03	I03	Security Information Qualifier	M	ID	02/02	00
ISA04	I04	Security Information	M	AN	10/10	BLANK
ISA05	I05	Interchange ID Qualifier	M	ID	02/02	01
ISA06	I06	Interchange Sender ID	M	AN	15/15	089347736
ISA07	I05	Interchange ID Qualifier	M	ID	02/02	Provided by Receiver
ISA08	I07	Interchange Receiver ID	M	AN	15/15	Provided by Receiver
ISA09	I08	Interchange Date	M	DT	06/06	Software generated
ISA10	I09	Interchange Time	M	TM	04/04	Software generated
ISA11	I10	Interchange Control Standards ID	M	ID	01/01	U
ISA12	I11	Interchange Control Version ID	M	ID	05/05	00401
ISA13	I12	Interchange Control Number	M	N0	09/09	Software generated
ISA14	I13	Acknowledgment Requested	M	ID	01/01	0
ISA15	I14	Usage Indicator	M	ID	01/01	T – Test P – Production
ISA16	I15	Component Element Separator	M	AN	01/01	>

GS - Functional Group Header

Description To indicate the beginning of a functional group and to provide control information.

Segment Details This is an ANSI mandatory segment and will be expected by Brooks Pharmacy.

Ele. Pos.	Ele. ID	Element Name	Req.	Type	Length	Value or Usage
GS01	479	Functional ID Code	M	ID	02/02	FA
GS02	142	Application Sender ID	M	AN	02/15	089347736
GS03	124	Application Receiver ID	M	AN	02/15	Provided by Receiver
GS04	373	Date	M	DT	08/08	System generated
GS05	337	Time	M	TM	04 /08	System generated
GS06	028	Group Control Number	M	N0	01/09	System generated
GS07	455	Responsible Agency Code	M	ID	01/02	X
GS08	480	Version-Release-Industry ID Code	M	AN	01/12	004010

ST - Transaction Set Header

Description To indicate the beginning of a transaction set and to assign a control number.

Segment Details This is an ANSI mandatory segment and will be expected by Brooks Pharmacy.

Ele. Pos.	Ele. ID	Element Name	Req.	Type	Length	Value or Usage
ST01	143	Transaction Set ID	M	ID	03/03	997
ST02	329	Transaction Set Control Number	M	AN	04/09	System generated

AK1 - Functional Group Response Header

Description To indicate the beginning of a functional group.

Segment Details This is an ANSI mandatory segment and will be expected by Brooks Pharmacy.

Ele. Pos.	Ele. ID	Element Name	Req.	Type	Length	Value or Usage
AK101	479	Functional Identifier Code	M	ID	02/02	Functional ID found in the GS segment (GS01) in the functional group being acknowledged
AK102	028	Group Control Number	M	N0	01/09	Data interchange control number in GS of functional group being acknowledged

AK2 - Transaction Set Response Header

Description To start acknowledgment of a single transaction set.

Segment Details This is an ANSI optional segment but will be used by Brooks Pharmacy.

Ele. Pos.	Ele. ID	Element Name	Req.	Type	Length	Value or Usage
AK201	143	Transaction Set Identifier Code	M	ID	03/03	810
AK202	329	Transaction Set Control Number	M	AN	04/09	Control number from 810 being acknowledged

AK5 - Transaction Set Response Trailer

Description To acknowledge acceptance or rejection and to report errors in a transaction set.

Segment Details This is an ANSI mandatory segment and will be expected by Brooks Pharmacy.

Ele. Pos.	Ele. ID	Element Name	Req.	Type	Length	Value or Usage
AK501	717	Transaction Set Acknowledgment Code	M	ID	01/01	Translator produced

AK9 - Functional Group Response Trailer

Description To acknowledge acceptance or rejection of a functional group and report the number of included transaction sets from the original trailer, the accepted sets, and the received sets in the functional group.

Segment Details This is an ANSI mandatory segment and will be expected by Brooks Pharmacy.

Ele. Pos.	Ele. ID	Element Name	Req.	Type	Length	Value or Usage
AK901	715	Functional Group Acknowledgment Code	M	ID	01/06	Translator produced
AK902	097	Number of Transaction Sets Included	M	N0	01/06	Translator produced
AK903	123	Number of Received Transaction Sets	M	N0	01/06	Translator produced
AK904	002	Number of Accepted Transaction Sets	M	N0	01/06	Translator produced

SE - Transaction Set Trailer

Description To indicate the end of a transaction set and to provide the count of the transmitted segments including the ST and SE segments.

Segment Details This is an ANSI mandatory segment and will be expected by Brooks Pharmacy.

Ele. Pos.	Ele. ID	Element Name	Req.	Type	Length	Value or Usage
SE01	096	Number of Includes Segments	M	N0	01/10	Total number of segments within a transaction including ST and SE segments
SE02	329	Transaction Set Control Number	M	AN	04/09	Will be the same as ST02

GE - Functional Group Trailer

Description To indicate the end of a functional group and to provide control information.

Segment Details This is an ANSI mandatory segment and will be expected by Brooks Pharmacy.

Ele. Pos.	Ele. ID	Element Name	Req.	Type	Length	Value or Usage
GE01	097	Number of Included Transaction Sets	M	N0	01/06	Total number of ST segments
GE02	028	Data Interchange Control Number	M	N0	01/09	Will be the same as GS06

IEA - Interchange Control Trailer

Description To define the end of one or more functional groups and interchange-related control segments.

Segment Details This is an ANSI mandatory segment and will be expected by Brooks Pharmacy.

Ele. Pos.	Ele. ID	Element Name	Req.	Type	Length	Value or Usage
IEA01	I16	Number of Included Groups	M	N0	01/05	Total number of GS segments
IEA02	I12	Interchange Control Number	M	N0	09/09	Will be the same as ISA13

Test Appointment Form

*Please complete this form and fax to **Brooks Pharmacy** after scheduling test date.*

Brooks Pharmacy fax number: (401) 825-3906

Brooks Pharmacy Supplier:

Test Date:

Test Contact:

Contact Phone No.:

Contact Fax No.:

Value Added Network (VAN):

Signature:
