

# 810

## Invoice

### Functional Group=IN

This Draft Standard for Trial Use contains the format and establishes the data contents of the Invoice Transaction Set (810) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the billing for goods and services provided.

#### Notes:

3/070 Number of line items (CTT01) is the accumulation of the number of IT1 segments. If used, hash total (CTT02) is the sum of the value of quantities invoiced (IT102) for each IT1 segment.

#### Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
010	ST	Transaction Set Header	M	1		
020	BIG	Beginning Segment for Invoice	M	1		
030	NTE	Note/Special Instruction	O	100		
050	REF	Reference Identification	O	12		
060	PER	Administrative Communications Contact	O	3		

<u>LOOP ID - N1</u>			<u>200</u>			
070	N1	Name	O	1		
090	N3	Address Information	O	2		
100	N4	Geographic Location	O	1		
120	PER	Administrative Communications Contact	O	3		
130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1		

#### Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
<u>LOOP ID - IT1</u>			<u>200000</u>			
010	IT1	Baseline Item Data (Invoice)	O	1		
040	TXI	Tax Information	O	10		

<u>LOOP ID - PID</u>			<u>1000</u>			
060	PID	Product/Item Description	O	1		
100	PO4	Item Physical Details	O	1		
120	REF	Reference Identification	O	>1		
150	DTM	Date/Time Reference	O	10		

<u>LOOP ID - SAC</u>			<u>25</u>			
180	SAC	Service, Promotion, Allowance, or Charge Information	O	1		

**Summary:**

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
010	TDS	Total Monetary Value Summary	M	1		
020	TXI	Tax Information	O	10		
<b>LOOP ID - SAC</b>					<b>25</b>	
040	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
070	CTT	Transaction Totals	O	1		N3/070
080	SE	Transaction Set Trailer	M	1		

# ST Transaction Set Header

Pos: 010	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

To indicate the start of a transaction set and to assign a control number

## Semantics:

- The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
ST01	143	<b>Transaction Set Identifier Code</b> <b>Description:</b> Code uniquely identifying a Transaction Set <u>Code Name</u> 810 Invoice	M	ID	3/3
ST02	329	<b>Transaction Set Control Number</b> <b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9

# BIG Beginning Segment for Invoice

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 6

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

## Semantics:

- BIG01 is the invoice issue date.
- BIG03 is the date assigned by the purchaser to purchase order.
- BIG10 indicates the consolidated invoice number. When BIG07 contains code CI, BIG10 is not used.

## Comments:

- BIG07 is used only to further define the type of invoice when needed.

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
BIG01	373	<b>Date</b> <b>Description:</b> Date expressed as CCYYMMDD <b>Baxter:</b> Invoice date.	M	DT	8/8
BIG02	76	<b>Invoice Number</b> <b>Description:</b> Identifying number assigned by issuer <b>Baxter:</b> Baxter's 8 digit invoice number.	M	AN	1/22
BIG03	373	<b>Date</b> <b>Description:</b> Date expressed as CCYYMMDD <b>Baxter:</b> Purchase order date.	O	DT	8/8
BIG04	324	<b>Purchase Order Number</b> <b>Description:</b> Identifying number for Purchase Order assigned by the orderer/purchaser	O	AN	1/22
BIG05	328	<b>Release Number</b> <b>Description:</b> Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction <b>Baxter:</b> Pass-through field. If Release Number is received on the 850, it will be returned in this field.	O	AN	1/30
BIG07	640	<b>Transaction Type Code</b> <b>Description:</b> Code specifying the type of transaction <u>Code Name</u> PR Product (or Service)	O	ID	2/2

# NTE Note/Special Instruction

Pos: 030	Max: 100
Heading - Optional	
Loop: N/A	Elements: 2

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

## Comments:

- The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

## Baxter:

NTE segments sent on the 850 with the GEN qualifier will be returned in this segment. Invoice status and informational messages may also be sent using this segment.

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
NTE01	363	<b>Note Reference Code</b> <b>Description:</b> Code identifying the functional area or purpose for which the note applies <u>Code Name</u> GEN Entire Transaction Set	O	ID	3/3
NTE02	352	<b>Description</b> <b>Description:</b> A free-form description to clarify the related data elements and their content	M	AN	1/80

# REF Reference Identification

Pos: 050	Max: 12
Heading - Optional	
Loop: N/A	Elements: 2

To specify identifying information

## Syntax:

R0203 -- At least one of REF02 or REF03 is required.

## Semantics:

- REF04 contains data relating to the value cited in REF02.

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
REF01	128	<b>Reference Identification Qualifier</b> <b>Description:</b> Code qualifying the Reference Identification <b>Baxter:</b> A1 = OnCall Cross-Reference Qualifier (Pass-through field. This value will be returned if it is sent on the 850.) TJ = Baxter's Federal Taxpayer Identification Number VN = Baxter's Internal Order Number  <u>Code Name</u> A1 Analysis number/Test number TJ Federal Taxpayer's Identification Number VN Vendor Order Number	M	ID	2/3
REF02	127	<b>Reference Identification</b> <b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C	AN	1/30

# PER Administrative Communications Contact

Pos: 060	Max: 3
Heading - Optional	
Loop: N/A	Elements: 4

To identify a person or office to whom administrative communications should be directed

## Syntax:

1. PER03 P0304 -- If either PER03 or PER04 are present, then the others are required.
2. PER05 P0506 -- If either PER05 or PER06 are present, then the others are required.
3. PER07 P0708 -- If either PER07 or PER08 are present, then the others are required.

## Baxter:

If a header level PER segment with a BD qualifier is sent on the 850 it will be returned in this segment. If available, this information will also be sent for orders that do not originate via EDI.

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
PER01	366	<b>Contact Function Code</b> <b>Description:</b> Code identifying the major duty or responsibility of the person or group named <u>Code Name</u> BD Buyer Name or Department	M	ID	2/2
PER02	93	<b>Name</b> <b>Description:</b> Free-form name	O	AN	1/60
PER03	365	<b>Communication Number Qualifier</b> <b>Description:</b> Code identifying the type of communication number	C	ID	2/2
PER04	364	<b>Communication Number</b> <b>Description:</b> Complete communications number including country or area code when applicable	C	AN	1/80

# N1 Name

Pos: 070	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

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

## Syntax:

1. N102 R0203 -- At least one of N102 or N103 is required.
2. N103 P0304 -- If either N103 or N104 are present, then the others are required.

## Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

## Baxter:

For orders that were originated via EDI, the Ship-to (N101 = ST, BS, or DB), Supplier (N101 = SE, SU, or VN) and the Facility ID (N101 = SN) will be sent exactly as they were received on the 850.

For non-EDI orders, Baxter will send the Ship-to (N101=ST) where the N103 is 91 and the N104 is the Baxter 8 digit customer account number.

All invoices will include a Bill-to (N101=BT) where the N103 is 91 and the N104 is the Baxter 8 digit customer account number.

All invoices will include a Remit-to (N101=RE) where the N103 is 1 and the N104 is Baxter's DUNS number.

Additional address information in the N2, N3, and N4 will be sent only with the Remit-to.

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
N101	98	<b>Entity Identifier Code</b> <b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual	M	ID	2/3
		<u>Code</u> <u>Name</u>			
		BS Bill and Ship To			
		BT Bill-to-Party			
		DB Distributor Branch			
		RE Party to receive commercial invoice remittance			
		SE Selling Party			
		SN Store			
		ST Ship To			
		SU Supplier/Manufacturer			
		VN Vendor			
N102	93	<b>Name</b> <b>Description:</b> Free-form name	C	AN	1/60

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>										
N103	66	<b>Identification Code Qualifier</b> <b>Description:</b> Code designating the system/method of code structure used for Identification Code (67) <b>Baxter:</b> All qualifiers are supported. For orders received via EDI the same qualifier sent on the 850 will be returned in this element. For Non-EDI orders, the value for this code will be as specified above.	C	ID	1/2										
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>D-U-N-S Number,Dun &amp; Bradstreet</td> </tr> <tr> <td>21</td> <td>Health Industry Number (HIN)</td> </tr> <tr> <td>91</td> <td>Assigned by Seller or Seller's Agent</td> </tr> <tr> <td>92</td> <td>Assigned by Buyer or Buyer's Agent</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	1	D-U-N-S Number,Dun & Bradstreet	21	Health Industry Number (HIN)	91	Assigned by Seller or Seller's Agent	92	Assigned by Buyer or Buyer's Agent			
<u>Code</u>	<u>Name</u>														
1	D-U-N-S Number,Dun & Bradstreet														
21	Health Industry Number (HIN)														
91	Assigned by Seller or Seller's Agent														
92	Assigned by Buyer or Buyer's Agent														
N104	67	<b>Identification Code</b> <b>Description:</b> Code identifying a party or other code <b>Baxter:</b> For 850 pass-through segments, the same ID code sent will be returned in this element. For non-EDI orders, this element will contain either Baxter's 8 digit customer account number or Baxter's DUNS number as specified above.	C	AN	2/80										

# N3 Address Information

Pos: 090	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

To specify the location of the named party

**Baxter:**

This segment will be sent for the Remit-to address only (N101=RE).

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
N301	166	<b>Address Information</b> Description: Address information	M	AN	1/55
N302	166	<b>Address Information</b> Description: Address information	O	AN	1/55

# N4 Geographic Location

<b>Pos: 100</b>	<b>Max: 1</b>
<b>Heading - Optional</b>	
<b>Loop: N1</b>	<b>Elements: 3</b>

To specify the geographic place of the named party

## Syntax:

1. N406 C0605 -- If N406 is present, then N405 is required

## Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

## Baxter:

This segment will be sent for the Remit-to address only (N101=RE).

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
N401	19	<b>City Name</b> <b>Description:</b> Free-form text for city name	O	AN	2/30
N402	156	<b>State or Province Code</b> <b>Description:</b> Code (Standard State/Province) as defined by appropriate government agency	O	ID	2/2
N403	116	<b>Postal Code</b> <b>Description:</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O	ID	3/15

# PER Administrative Communications Contact

Pos: 120	Max: 3
Heading - Optional	
Loop: N1	Elements: 4

To identify a person or office to whom administrative communications should be directed

## Syntax:

1. PER03 P0304 -- If either PER03 or PER04 are present, then the others are required.
2. PER05 P0506 -- If either PER05 or PER06 are present, then the others are required.
3. PER07 P0708 -- If either PER07 or PER08 are present, then the others are required.

## Baxter:

This segment is used to identify the Baxter department where inquiries regarding the invoice can be directed. This segment will be sent for the Remit-to address only (N101=RE).

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
PER01	366	<b>Contact Function Code</b> <b>Description:</b> Code identifying the major duty or responsibility of the person or group named <u>Code Name</u> CR Customer Relations	M	ID	2/2
PER02	93	<b>Name</b> <b>Description:</b> Free-form name	O	AN	1/60
PER03	365	<b>Communication Number Qualifier</b> <b>Description:</b> Code identifying the type of communication number <u>Code Name</u> TE Telephone	C	ID	2/2
PER04	364	<b>Communication Number</b> <b>Description:</b> Complete communications number including country or area code when applicable	C	AN	1/80

# ITD

## Terms of Sale/Deferred Terms of Sale

Pos: 130	Max: >1
Heading - Optional	
Loop: N/A	Elements: 5

To specify terms of sale

### Syntax:

1. ITD03 L03040513 -- If ITD03 is present, then at least one of ITD04, ITD05 or ITD13 is required.
2. ITD08 L08040513 -- If ITD08 is present, then at least one of ITD04, ITD05 or ITD13 is required.
3. ITD09 L091011 -- If ITD09 is present, then at least one of ITD10 or ITD11 is required.

### Semantics:

1. ITD15 is the percentage applied to a base amount used to determine a late payment charge.

### Comments:

1. If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.

### Baxter:

Only one ITD segment will be sent. If a single sales order has multiple payment terms, different invoices will be sent for each payment term.

### Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
ITD01	336	<b>Terms Type Code</b> <b>Description:</b> Code identifying type of payment terms <u>Code Name</u> 01 Basic	O	ID	2/2
ITD02	333	<b>Terms Basis Date Code</b> <b>Description:</b> Code identifying the beginning of the terms period <u>Code Name</u> 3 Invoice Date	O	ID	1/2
ITD03	338	<b>Terms Discount Percent</b> <b>Description:</b> Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date	O	R	1/6
ITD05	351	<b>Terms Discount Days Due</b> <b>Description:</b> Number of days in the terms discount period by which payment is due if terms discount is earned	C	N0	1/3
ITD07	386	<b>Terms Net Days</b> <b>Description:</b> Number of days until total invoice amount is due (discount not applicable)	O	N0	1/3

# IT1 Baseline Item Data (Invoice)

Pos: 010	Max: 1
Detail - Optional	
Loop: IT1	Elements: 10

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

## Syntax:

- IT102 P020304 -- If either IT102, IT103 or IT104 are present, then the others are required.
- IT106 P0607 -- If either IT106 or IT107 are present, then the others are required.
- IT108 P0809 -- If either IT108 or IT109 are present, then the others are required.
- IT110 P1011 -- If either IT110 or IT111 are present, then the others are required.
- IT112 P1213 -- If either IT112 or IT113 are present, then the others are required.
- IT114 P1415 -- If either IT114 or IT115 are present, then the others are required.
- IT116 P1617 -- If either IT116 or IT117 are present, then the others are required.
- IT118 P1819 -- If either IT118 or IT119 are present, then the others are required.
- IT120 P2021 -- If either IT120 or IT121 are present, then the others are required.
- IT122 P2223 -- If either IT122 or IT123 are present, then the others are required.
- IT124 P2425 -- If either IT124 or IT125 are present, then the others are required.

## Semantics:

- IT101 is the purchase order line item identification.

## Comments:

- Element 235/234 combinations should be interpreted to include products and/or services. See the Data Dictionary for a complete list of IDs.
- IT106 through IT125 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
IT101	350	<b>Assigned Identification</b> <b>Description:</b> Alphanumeric characters assigned for differentiation within a transaction set <b>Baxter:</b> This element will be the customer's PO line number if one was received on an EDI 850 order. If the original PO line number is not available, Baxter will sequentially assign values. Baxter supports line numbers up to 8 characters/digits in length.	O	AN	1/20
IT102	358	<b>Quantity Invoiced</b> <b>Description:</b> Number of units invoiced (supplier units)	C	R	1/10
IT103	355	<b>Unit or Basis for Measurement Code</b> <b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <u>Code Name</u> CA Case EA Each	C	ID	2/2

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
IT104	212	<b>Unit Price</b> <b>Description:</b> Price per unit of product, service, commodity, etc.	C	R	1/17
IT106	235	<b>Product/Service ID Qualifier</b> <b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) <b>Baxter:</b> Up to three occurrences of the Product ID Qualifier/Product ID pair will be sent. For orders that originate via EDI, the product IDs and qualifiers returned on the 810 will be the same as was received on the corresponding 850 unless the item was automatically replaced with an alternate item. For non-EDI orders, only Baxter's item number will be sent (IT106=VN). Customers internal product IDs can be qualified with BP, CB, IN, PI, or PN. Baxter's item number can be qualified with VC, VI, VN, or VP. Universal item numbers will be sent if received on an EDI PO qualified by HI, UK, ND, N4, or JP. <b>Code Name</b> BP Buyer's Part Number CB Buyer's Catalog Number HI HIBC (Health Care Industry Bar Code) IN Buyer's Item Number JP Package Type Code ND National Drug Code (NDC) PI Purchaser's Item Code PN Company Part Number UK U.P.C./EAN Shipping Container Code (1-2-5-5-1) VC Vendor's (Seller's) Catalog Number VI Vary Item Product Number VN Vendor's (Seller's) Item Number VP Vendor's (Seller's) Part Number	C	ID	2/2
IT107	234	<b>Product/Service ID</b> <b>Description:</b> Identifying number for a product or service	C	AN	1/48
IT108	235	<b>Product/Service ID Qualifier</b> <b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) <b>Baxter:</b> See IT106 for notes and code list.	C	ID	2/2
IT109	234	<b>Product/Service ID</b> <b>Description:</b> Identifying number for a product or service	C	AN	1/48
IT110	235	<b>Product/Service ID Qualifier</b> <b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) <b>Baxter:</b> See IT106 for notes and code list.	C	ID	2/2
IT111	234	<b>Product/Service ID</b> <b>Description:</b> Identifying number for a product or service	C	AN	1/48

# TXI Tax Information

Pos: 040	Max: 10
Detail - Optional	
Loop: IT1	Elements: 2

To specify tax information

### Syntax:

R020306 -- At least one of TXI02, TXI03 or TXI06 is required.P0405 -- If either TXI04 or TXI05 are present, then the others are required.C0803 -- If TXI08 is present, then TXI03 is required

### Semantics:

1. TXI02 is the monetary amount of the tax.
2. TXI03 is the tax percent expressed as a decimal.
3. TXI07 is a code indicating the relationship of the price or amount to the associated segment.

### Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
TXI01	963	Tax Type Code Description: Code specifying the type of tax <u>Code Name</u> LS State and Local Sales Tax	M	ID	2/2
TXI02	782	Monetary Amount Description: Monetary amount	C	R	1/18

# PID Product/Item Description

Pos: 060	Max: 1
Detail - Optional	
Loop: PID	Elements: 3

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

## Syntax:

C0403 -- If PID04 is present, then PID03 is required  
 R0405 -- At least one of PID04 or PID05 is required.  
 C0703 -- If PID07 is present, then PID03 is required  
 C0804 -- If PID08 is present, then PID04 is required  
 C0905 -- If PID09 is present, then PID05 is required

## Semantics:

1. Use PID03 to indicate the organization that publishes the code list being referred to.
2. PID04 should be used for industry-specific product description codes.
3. PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
4. PID09 is used to identify the language being used in PID05.

## Comments:

1. If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
2. Use PID06 when necessary to refer to the product surface or layer being described in the segment.
3. PID07 specifies the individual code list of the agency specified in PID03.

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
PID01	349	<b>Item Description Type</b> <b>Description:</b> Code indicating the format of a description <u>Code Name</u> F Free-form	M	ID	1/1
PID02	750	<b>Product/Process Characteristic Code</b> <b>Description:</b> Code identifying the general class of a product or process characteristic <b>Baxter:</b> 08 - Indicates Baxter's product description ZZ - Indicates safe harbor, status, and informational messages related to this line item. <u>Code Name</u> 08 Product ZZ Mutually Defined	O	ID	2/3
PID05	352	<b>Description</b> <b>Description:</b> A free-form description to clarify the related data elements and their content	C	AN	1/80

# PO4 Item Physical Details

<b>Pos: 100</b>	<b>Max: 1</b>
<b>Detail - Optional</b>	
<b>Loop: IT1</b>	<b>Elements: 3</b>

To specify the physical qualities, packaging, weights, and dimensions relating to the item

## Syntax:

1. PO402 P0203 -- If either PO402 or PO403 are present, then the others are required.
2. PO405 C0506 -- If PO405 is present, then PO406 is required
3. PO406 P0607 -- If either PO406 or PO407 are present, then the others are required.
4. PO408 P0809 -- If either PO408 or PO409 are present, then the others are required.
5. PO410 C1013 -- If PO410 is present, then PO413 is required
6. PO411 C1113 -- If PO411 is present, then PO413 is required
7. PO412 C1213 -- If PO412 is present, then PO413 is required
8. PO413 L13101112 -- If PO413 is present, then at least one of PO410, PO411 or PO412 is required.
9. PO417 C1716 -- If PO417 is present, then PO416 is required
10. PO418 C1804 -- If PO418 is present, then PO404 is required

## Semantics:

1. PO415 is used to indicate the relative layer of this package or range of packages within the layers of packaging. Relative Position 1 (value R1) is the innermost package.
2. PO416 is the package identifier or the beginning package identifier in a range of identifiers.
3. PO417 is the ending package identifier in a range of identifiers.
4. PO418 is the number of packages in this layer.

## Comments:

1. PO403 - The "Unit or Basis for Measure Code" in this segment position is for purposes of defining the pack (PO401) /size (PO402) measure which indicates the quantity in the inner pack unit. For example: If the carton contains 24 12-Ounce packages, it would be described as follows:  
 Data element 356 = "24"; Data element 357 = "12"; Data element 355 = "OZ".
2. PO413 defines the unit of measure for PO410, PO411, and PO412.

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
PO401	356	<b>Pack</b> <b>Description:</b> The number of inner containers, or number of eaches if there are no inner containers, per outer container	O	N0	1/6
PO402	357	<b>Size</b> <b>Description:</b> Size of supplier units in pack <b>Baxter:</b> When applicable, this element will contain potency. No other size information will be sent.	C	R	1/8

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
PO403	355	<b>Unit or Basis for Measurement Code</b> <b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <b>Baxter:</b> Code EA will be sent when potency is sent in PO402.	C	ID	2/2
		<u>Code Name</u> EA Each			

# REF Reference Identification

Pos: 120	Max: >1
Detail - Optional	
Loop: IT1	Elements: 2

To specify identifying information

## Syntax:

1. REF02 R0203 -- At least one of REF02 or REF03 is required.

## Semantics:

1. REF04 contains data relating to the value cited in REF02.

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
REF01	128	<b>Reference Identification Qualifier</b> <b>Description:</b> Code qualifying the Reference Identification <u>Code</u> <u>Name</u> CT Contract Number GC Government Contract Number VS Vendor Order Number Suffix	M	ID	2/3
REF02	127	<b>Reference Identification</b> <b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C	AN	1/30

# DTM Date/Time Reference

Pos: 150	Max: 10
Detail - Optional	
Loop: IT1	Elements: 2

To specify pertinent dates and times

## Syntax:

1. DTM02 R020305 -- At least one of DTM02, DTM03 or DTM05 is required.
2. DTM04 C0403 -- If DTM04 is present, then DTM03 is required
3. DTM05 P0506 -- If either DTM05 or DTM06 are present, then the others are required.

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
DTM01	374	<b>Date/Time Qualifier</b> <b>Description:</b> Code specifying type of date or time, or both date and time <u>Code Name</u> 011 Shipped	M	ID	3/3
DTM02	373	<b>Date</b> <b>Description:</b> Date expressed as CCYYMMDD	C	DT	8/8

# SAC Service, Promotion, Allowance, or Charge Information

Pos: 180	Max: 1
Detail - Optional	
Loop: SAC	Elements: 5

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

## Syntax:

R0203 -- At least one of SAC02 or SAC03 is required.P0304 -- If either SAC03 or SAC04 are present, then the others are required.P0607 -- If either SAC06 or SAC07 are present, then the others are required.P0910 -- If either SAC09 or SAC10 are present, then the others are required.C1110 -- If SAC11 is present, then SAC10 is requiredL130204 -- If SAC13 is present, then at least one of SAC02 or SAC04 is required.C1413 -- If SAC14 is present, then SAC13 is requiredC1615 -- If SAC16 is present, then SAC15 is required

## Semantics:

1. If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
2. SAC05 is the total amount for the service, promotion, allowance, or charge.
3. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
4. SAC08 is the allowance or charge rate per unit.
5. SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
6. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
7. SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
8. SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
9. SAC16 is used to identify the language being used in SAC15.

## Comments:

1. SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
2. In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

## Baxter:

This SAC segment is used to itemize allowances, miscellaneous charges and services that apply to a specific item. Multiple SACs may be sent. Order level allowances and charges are sent in the summary level SAC segment.

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
SAC01	248	<b>Allowance or Charge Indicator</b>	M	ID	1/1
		<b>Description:</b> Code which indicates an allowance or charge for the service specified			
		<u>Code</u> <u>Name</u>			
		A Allowance			
		C Charge			

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
SAC02	1300	<b>Service, Promotion, Allowance, or Charge Code</b> <b>Description:</b> Code identifying the service, promotion, allowance, or charge <u>Code Name</u> F050 Other (See related description)	C	ID	4/4
SAC05	610	<b>Amount</b> <b>Description:</b> Monetary amount	O	N2	1/15
SAC12	331	<b>Allowance or Charge Method of Handling Code</b> <b>Description:</b> Code indicating method of handling for an allowance or charge <u>Code Name</u> 04 Credit Customer Account 06 Charge to be Paid by Customer	O	ID	2/2
SAC15	352	<b>Description</b> <b>Description:</b> A free-form description to clarify the related data elements and their content	C	AN	1/80

# TDS Total Monetary Value Summary

Pos: 010	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 3

To specify the total invoice discounts and amounts

**Semantics:**

1. TDS01 is the total amount of invoice (including charges, less allowances) before terms discount (if discount is applicable).
2. TDS02 indicates the amount upon which the terms discount amount is calculated.
3. TDS03 is the amount of invoice due if paid by terms discount due date (total invoice or installment amount less cash discount).
4. TDS04 indicates the total amount of terms discount.

**Comments:**

1. TDS02 is required if the dollar value subject to discount is not equal to the dollar value of TDS01.

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
TDS01	610	<b>Amount</b> Description: Monetary amount	M	N2	1/15
TDS03	610	<b>Amount</b> Description: Monetary amount	O	N2	1/15
TDS04	610	<b>Amount</b> Description: Monetary amount	O	N2	1/15

# TXI Tax Information

Pos: 020	Max: 10
Summary - Optional	
Loop: N/A	Elements: 2

To specify tax information

## Syntax:

R020306 -- At least one of TXI02, TXI03 or TXI06 is required.P0405 -- If either TXI04 or TXI05 are present, then the others are required.C0803 -- If TXI08 is present, then TXI03 is required

## Semantics:

1. TXI02 is the monetary amount of the tax.
2. TXI03 is the tax percent expressed as a decimal.
3. TXI07 is a code indicating the relationship of the price or amount to the associated segment.

## Baxter:

This segment will contain the total of the taxes sent in the detail level TXI segments.

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
TXI01	963	<b>Tax Type Code</b> <b>Description:</b> Code specifying the type of tax <u>Code Name</u> LS State and Local Sales Tax	M	ID	2/2
TXI02	782	<b>Monetary Amount</b> <b>Description:</b> Monetary amount	C	R	1/18

# SAC Service, Promotion, Allowance, or Charge Information

Pos: 040	Max: 1
Summary - Optional	
Loop: SAC	Elements: 5

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

## Syntax:

R0203 -- At least one of SAC02 or SAC03 is required.P0304 -- If either SAC03 or SAC04 are present, then the others are required.P0607 -- If either SAC06 or SAC07 are present, then the others are required.P0910 -- If either SAC09 or SAC10 are present, then the others are required.C1110 -- If SAC11 is present, then SAC10 is requiredL130204 -- If SAC13 is present, then at least one of SAC02 or SAC04 is required.C1413 -- If SAC14 is present, then SAC13 is requiredC1615 -- If SAC16 is present, then SAC15 is required

## Semantics:

1. If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
2. SAC05 is the total amount for the service, promotion, allowance, or charge.
3. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
4. SAC08 is the allowance or charge rate per unit.
5. SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
6. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
7. SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
8. SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
9. SAC16 is used to identify the language being used in SAC15.

## Comments:

1. SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
2. In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

## Baxter:

This SAC segment is used to itemize miscellaneous charges and services that apply to an order. Multiple SACs may be sent. Item level allowances and charges are sent in the detail SAC segment.

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
SAC01	248	Allowance or Charge Indicator	M	ID	1/1
		<b>Description:</b> Code which indicates an allowance or charge for the service specified			
		<u>Code</u> <u>Name</u>			
		C Charge			

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
SAC02	1300	<b>Service, Promotion, Allowance, or Charge Code</b> <b>Description:</b> Code identifying the service, promotion, allowance, or charge <b>Baxter:</b> Code G970 will be sent to indicate Minimum Order Charge. <u>Code Name</u> C040 Delivery F050 Other (See related description) G970 Small Order Charge	C	ID	4/4
SAC05	610	<b>Amount</b> <b>Description:</b> Monetary amount	O	N2	1/15
SAC12	331	<b>Allowance or Charge Method of Handling Code</b> <b>Description:</b> Code indicating method of handling for an allowance or charge <u>Code Name</u> 06 Charge to be Paid by Customer	O	ID	2/2
SAC15	352	<b>Description</b> <b>Description:</b> A free-form description to clarify the related data elements and their content	C	AN	1/80

# CTT Transaction Totals

Pos: 070	Max: 1
Summary - Optional	
Loop: N/A	Elements: 1

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

## Syntax:

1. CTT03 P0304 -- If either CTT03 or CTT04 are present, then the others are required.
2. CTT05 P0506 -- If either CTT05 or CTT06 are present, then the others are required.

## Comments:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
CTT01	354	Number of Line Items	M	N0	1/6

**Description:** Total number of line items in the transaction set

# SE Transaction Set Trailer

Pos: 080	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

## Comments:

- SE is the last segment of each transaction set.

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
SE01	96	<b>Number of Included Segments</b> <b>Description:</b> Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10
SE02	329	<b>Transaction Set Control Number</b> <b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9