810 Invoice

Functional Group ID=IN

Introduction:

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.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	010	ST	Transaction Set Header	M	1		
M	020	BIG	Beginning Segment for Invoice	M	>1		
Used	040	CUR	Currency	O	1		
M	050	REF	Reference Identification	M	12		
M	060	PER	Administrative Communications Contact	M	3		
			LOOP ID - N1			200	
M	070	N1	Name	M	1		
Used	080	N2	Additional Name Information	O	2		
M	090	N3	Address Information	M	2		
M	100	N4	Geographic Location	M	1		
Used	130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1		
M	140	DTM	Date/Time Reference	M	10		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - IT1			200000	
M	010	IT1	Baseline Item Data (Invoice)	M	1		
			LOOP ID - PID			1000	
M	060	PID	Product/Item Description	M	1		
			LOOP ID - SAC			25	
Used	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
M	010	TDS	Total Monetary Value Summary	M	1		
			LOOP ID - SAC			25	
Used	040	SAC	Service, Promotion, Allowance, or Charge	O	1		

			Information			
Used	070	CTT	Transaction Totals	O	1	n1
M	080	SE	Transaction Set Trailer	M	1	

Transaction Set Notes

1. 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.

LEVEL							
0	**1**	**2**	**3**	**4**	**5**	**6**	**7**

ST — M — 1

BIG — M — >1

CUR — O — 1

REF — M — 12

PER — M — 3

N1 — M — 1 — 200

N2 — O — 2

N3 — M — 2

N4 — M — 1

ITD — O — >1

DTM — M — 10

LEVEL

0

1

2

3

4

5

6

7

SE 1 / M		
CTT 1 / O		
SAC 25 1 / O		
TDS 1 / M		
IT1 200000 1 / M		
SAC 25 1 / O		
PID 1000 1 / M		
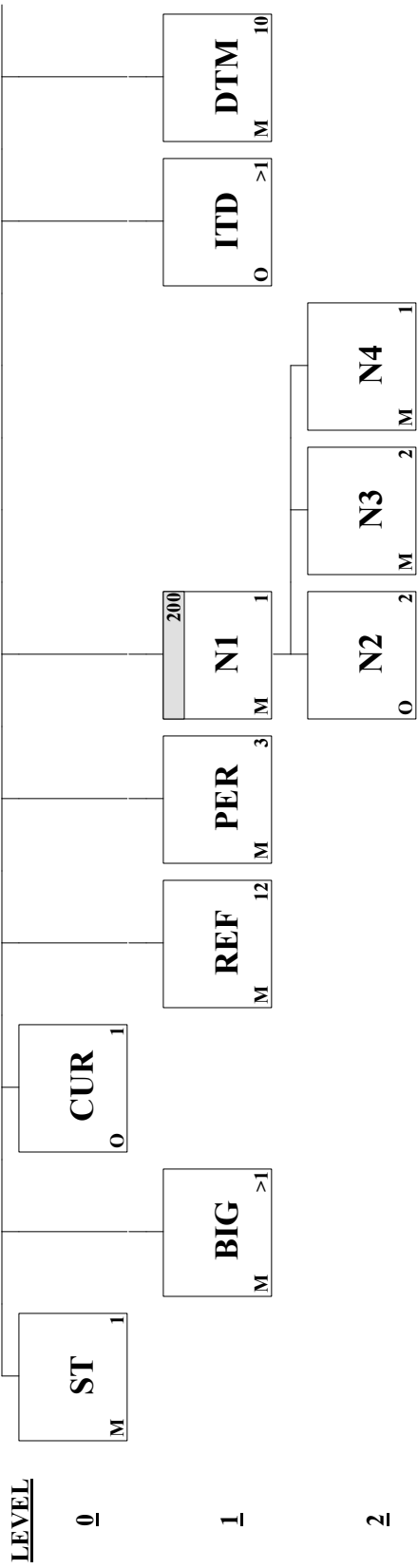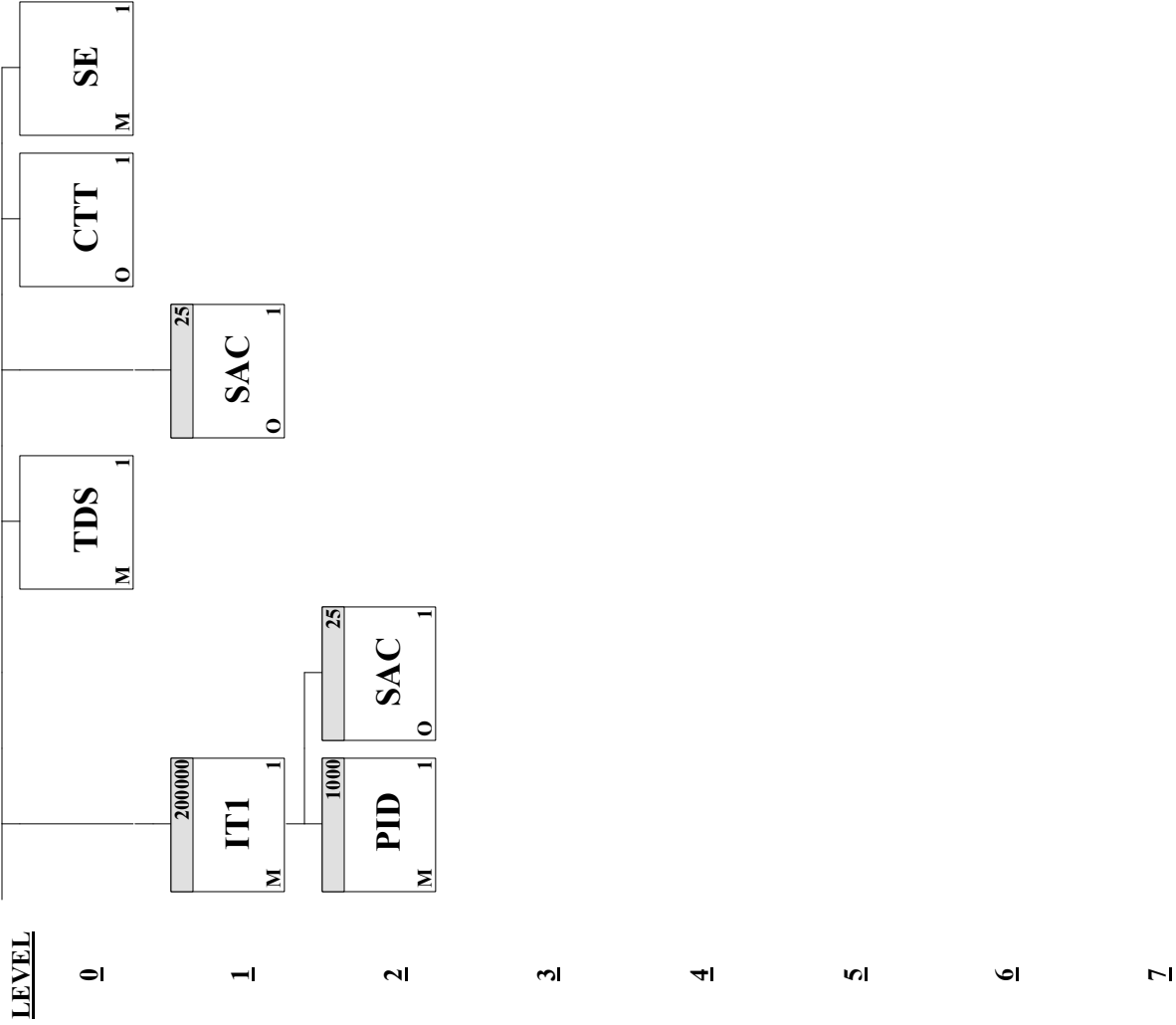
	Segment:	**ST** **Transaction Set Header**
	Position:	010
	Loop:	
	Level:	Heading
	Usage:	Mandatory
	Max Use:	1
	Purpose:	To indicate the start of a transaction set and to assign a control number
	Syntax Notes:	
	Semantic Notes:	1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
	Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	ST01	143	**Transaction Set Identifier Code**	**M ID 3/3**
			Code uniquely identifying a Transaction Set	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
M	ST02	329	**Transaction Set Control Number**	**M AN 4/9**
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	

Segment:	**BIG** Beginning Segment for Invoice		
Position:	020		
Loop:			
Level:	Heading		
Usage:	Mandatory		
Max Use:	>1		
Purpose:	To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates		
Syntax Notes:			
Semantic Notes:	**1**	BIG01 is the invoice issue date.	
	2	BIG03 is the date assigned by the purchaser to purchase order.	
	3	BIG10 indicates the consolidated invoice number. When BIG07 contains code CI, BIG10 is not used.	
Comments:	**1**	BIG07 is used only to further define the type of invoice when needed.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**BIG01**	**373**	**Date**	**M**	**DT 8/8**
			Date expressed as CCYYMMDD		
M	**BIG02**	**76**	**Invoice Number**	**M**	**AN 1/22**
			Identifying number assigned by issuer		
Used	**BIG03**	**373**	**Date**	**O**	**DT 8/8**
			Date expressed as CCYYMMDD		
Used	**BIG04**	**324**	**Purchase Order Number**	**O**	**AN 1/22**
			Identifying number for Purchase Order assigned by the orderer/purchaser		

Segment:	**CUR** Currency	
Position:	040	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify the currency (dollars, pounds, francs, etc.) used in a transaction	
Syntax Notes:	1	If CUR08 is present, then CUR07 is required.
	2	If CUR09 is present, then CUR07 is required.
	3	If CUR10 is present, then at least one of CUR11 or CUR12 is required.
	4	If CUR11 is present, then CUR10 is required.
	5	If CUR12 is present, then CUR10 is required.
	6	If CUR13 is present, then at least one of CUR14 or CUR15 is required.
	7	If CUR14 is present, then CUR13 is required.
	8	If CUR15 is present, then CUR13 is required.
	9	If CUR16 is present, then at least one of CUR17 or CUR18 is required.
	10	If CUR17 is present, then CUR16 is required.
	11	If CUR18 is present, then CUR16 is required.
	12	If CUR19 is present, then at least one of CUR20 or CUR21 is required.
	13	If CUR20 is present, then CUR19 is required.
	14	If CUR21 is present, then CUR19 is required.
Semantic Notes:		
Comments:	1	See Figures Appendix for examples detailing the use of the CUR segment.
Notes:	1. Used in case of Non-USD Currencies only	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	CUR01	98	**Entity Identifier Code**	M ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
			SE Selling Party	
M	CUR02	100	**Currency Code**	M ID 3/3
			Code (Standard ISO) for country in whose currency the charges are specified	

Segment:	**REF** Reference Identification	
Position:	050	
Loop:		
Level:	Heading	
Usage:	Mandatory	
Max Use:	12	
Purpose:	To specify identifying information	
Syntax Notes:	1	At least one of REF02 or REF03 is required.
	2	If either C04003 or C04004 is present, then the other is required.
	3	If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1	REF04 contains data relating to the value cited in REF02.
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	REF01	128	**Reference Identification Qualifier**	M ID 2/3
			Code qualifying the Reference Identification	
			BM Bill of Lading Number	
			PK Packing List Number	
Used	REF02	127	**Reference Identification**	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Used	REF03	352	**Description**	X AN 1/80
			A free-form description to clarify the related data elements and their content	

Segment:	**PER** Administrative Communications Contact
Position:	060
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	3
Purpose:	To identify a person or office to whom administrative communications should be directed
Syntax Notes:	**1** If either PER03 or PER04 is present, then the other is required.
	2 If either PER05 or PER06 is present, then the other is required.
	3 If either PER07 or PER08 is present, then the other is required.
Semantic Notes:	
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**PER01**	**366**	**Contact Function Code**	**M**	**ID 2/2**

Code identifying the major duty or responsibility of the person or group named

BI		Bill Inquiry Contact

Service Provider contact for making inquires about information on the invoice

	Ref. Des.	Data Element	Name	Attributes	
Used	**PER02**	**93**	**Name**	**O**	**AN 1/60**

Free-form name

	Ref. Des.	Data Element	Name	Attributes	
Used	**PER03**	**365**	**Communication Number Qualifier**	**X**	**ID 2/2**

Code identifying the type of communication number

EM		Electronic Mail

	Ref. Des.	Data Element	Name	Attributes	
Used	**PER04**	**364**	**Communication Number**	**X**	**AN 1/80**

Complete communications number including country or area code when applicable

	Ref. Des.	Data Element	Name	Attributes	
Used	**PER05**	**365**	**Communication Number Qualifier**	**X**	**ID 2/2**

Code identifying the type of communication number

TE		Telephone

	Ref. Des.	Data Element	Name	Attributes	
Used	**PER06**	**364**	**Communication Number**	**X**	**AN 1/80**

Complete communications number including country or area code when applicable

	Ref. Des.	Data Element	Name	Attributes	
Used	**PER08**	**364**	**Communication Number**	**X**	**AN 1/80**

Complete communications number including country or area code when applicable

Segment:	**N1** Name	
Position:	070	
Loop:	N1	Mandatory
Level:	Heading	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To identify a party by type of organization, name, and code	
Syntax Notes:	1	At least one of N102 or N103 is required.
	2	If either N103 or N104 is present, then the other is required.
Semantic Notes:		
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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	N101	98	**Entity Identifier Code**	M ID 2/3

Code identifying an organizational entity, a physical location, property or an individual

RI	Remit To
ST	Ship To

	Ref. Des.	Data Element	Name	Attributes
Used	N102	93	**Name**	X AN 1/60

Free-form name

	Ref. Des.	Data Element	Name	Attributes
Used	N103	66	**Identification Code Qualifier**	X ID 1/2

Code designating the system/method of code structure used for Identification Code (67)

1	D-U-N-S Number, Dun & Bradstreet
92	Assigned by Buyer or Buyer's Agent
ZZ	Mutually Defined

	Ref. Des.	Data Element	Name	Attributes
Used	N104	67	**Identification Code**	X AN 2/80

Code identifying a party or other code

Return the Bendix Plant code received on the Orders - 850/830

Segment:	**N2** Additional Name Information
Position:	080
Loop:	N1 Mandatory
Level:	Heading
Usage:	Optional
Max Use:	2
Purpose:	To specify additional names or those longer than 35 characters in length
Syntax Notes:	
Semantic Notes:	
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	**N201**	**93**	**Name**	**M**	**AN 1/60**
			Free-form name		
Used	**N202**	**93**	**Name**	**O**	**AN 1/60**
			Free-form name		

Segment:	**N3** Address Information			
Position:	090			
Loop:	N1 Mandatory			
Level:	Heading			
Usage:	Mandatory			
Max Use:	2			
Purpose:	To specify the location of the named party			
Syntax Notes:				
Semantic Notes:				
Comments:				

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**N301**	**166**	**Address Information**	**M AN 1/55**
			Address information	
Used	**N302**	**166**	**Address Information**	**O AN 1/55**
			Address information	

		N4 Geographic Location
Segment:		
Position:	100	
Loop:	N1	Mandatory
Level:	Heading	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To specify the geographic place of the named party	
Syntax Notes:	1	If N406 is present, then N405 is required.
Semantic Notes:		
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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Used	N401	19	**City Name**	O	AN 2/30
			Free-form text for city name		
Used	N402	156	**State or Province Code**	O	ID 2/2
			Code (Standard State/Province) as defined by appropriate government agency		
Used	N403	116	**Postal Code**	O	ID 3/15
			Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
Used	N404	26	**Country Code**	O	ID 2/3
			Code identifying the country		

Segment:	**ITD** Terms of Sale/Deferred Terms of Sale			
Position:	130			
Loop:				
Level:	Heading			
Usage:	Optional			
Max Use:	>1			
Purpose:	To specify terms of sale			
Syntax Notes:	**1**	If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required.		
	2	If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required.		
	3	If ITD09 is present, then at least one of ITD10 or ITD11 is required.		
Semantic Notes:	**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.		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Used	ITD01	336	**Terms Type Code**	**O ID 2/2**
			Code identifying type of payment terms	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Used	ITD02	333	**Terms Basis Date Code**	**O ID 1/2**
			Code identifying the beginning of the terms period	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Used	ITD03	338	**Terms Discount Percent**	**O R 1/6**
			Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date	
Used	ITD04	370	**Terms Discount Due Date**	**X DT 8/8**
			Date payment is due if discount is to be earned expressed in format CCYYMMDD	
Used	ITD05	351	**Terms Discount Days Due**	**X N0 1/3**
			Number of days in the terms discount period by which payment is due if terms discount is earned	
Used	ITD12	352	**Description**	**O AN 1/80**
			A free-form description to clarify the related data elements and their content	

Segment:	**DTM** Date/Time Reference
Position:	140
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	10
Purpose:	To specify pertinent dates and times
Syntax Notes:	1 At least one of DTM02 DTM03 or DTM05 is required.
	2 If DTM04 is present, then DTM03 is required.
	3 If either DTM05 or DTM06 is present, then the other is required.
Semantic Notes:	
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	**DTM01**	**374**	**Date/Time Qualifier**	**M**	**ID 3/3**
			Code specifying type of date or time, or both date and time		
			011 Shipped		
Used	**DTM02**	**373**	**Date**	**X**	**DT 8/8**
			Date expressed as CCYYMMDD		

Segment:	**IT1** Baseline Item Data (Invoice)
Position:	010
Loop:	IT1 Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To specify the basic and most frequently used line item data for the invoice and related transactions
Syntax Notes:	1 If any of IT102 IT103 or IT104 is present, then all are required.
	2 If either IT106 or IT107 is present, then the other is required.
	3 If either IT108 or IT109 is present, then the other is required.
	4 If either IT110 or IT111 is present, then the other is required.
	5 If either IT112 or IT113 is present, then the other is required.
	6 If either IT114 or IT115 is present, then the other is required.
	7 If either IT116 or IT117 is present, then the other is required.
	8 If either IT118 or IT119 is present, then the other is required.
	9 If either IT120 or IT121 is present, then the other is required.
	10 If either IT122 or IT123 is present, then the other is required.
	11 If either IT124 or IT125 is present, then the other is required.
Semantic Notes:	1 IT101 is the purchase order line item identification.
Comments:	1 Element 235/234 combinations should be interpreted to include products and/or services. See the Data Dictionary for a complete list of IDs.
	2 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.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Used	**IT101**	350	**Assigned Identification**	O	AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set		
			Note 1 : Original Bendix PO Line Item Number.		
Used	**IT102**	358	**Quantity Invoiced**	X	R 1/10
			Number of units invoiced (supplier units)		
Used	**IT103**	355	**Unit or Basis for Measurement Code**	X	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			BX Box		
			CA Case		
			DR Drum		
			EA Each		
			FT Foot		
			IN Inch		

			LB Pound	
			PL Pallet/Unit Load	
			RL Roll	

Used   IT104   212   Unit Price   X   R 1/17

Price per unit of product, service, commodity, etc.

Used   IT105   639   Basis of Unit Price Code   O   ID 2/2

Code identifying the type of unit price for an item

Refer to 004010 Data Element Dictionary for acceptable code values.

Used   IT106   235   Product/Service ID Qualifier   X   ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Bendix Part Number is Required

BP   Buyer's Part Number

Used   IT107   234   Product/Service ID   X   AN 1/48

Identifying number for a product or service

Used   IT108   235   Product/Service ID Qualifier   X   ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

VP   Vendor's (Seller's) Part Number

Used   IT109   234   Product/Service ID   X   AN 1/48

Identifying number for a product or service

Segment:	**PID** Product/Item Description			
Position:	060			
Loop:	PID Mandatory			
Level:	Detail			
Usage:	Mandatory			
Max Use:	1			
Purpose:	To describe a product or process in coded or free-form format			

Syntax Notes:	**1**	If PID04 is present, then PID03 is required.
	2	At least one of PID04 or PID05 is required.
	3	If PID07 is present, then PID03 is required.
	4	If PID08 is present, then PID04 is required.
	5	If PID09 is present, then PID05 is required.
Semantic Notes:	**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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	PID01	349	**Item Description Type**	**M ID 1/1**
			Code indicating the format of a description	
			F Free-form	
Used	PID02	750	**Product/Process Characteristic Code**	**O ID 2/3**
			Code identifying the general class of a product or process characteristic	
			08 Product	
Used	PID05	352	**Description**	**X AN 1/80**
			A free-form description to clarify the related data elements and their content	

Segment:		**SAC** Service, Promotion, Allowance, or Charge Information	
Position:	180		
Loop:	SAC	Optional	
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:	To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge		

Syntax Notes:	1	At least one of SAC02 or SAC03 is required.
	2	If either SAC03 or SAC04 is present, then the other is required.
	3	If either SAC06 or SAC07 is present, then the other is required.
	4	If either SAC09 or SAC10 is present, then the other is required.
	5	If SAC11 is present, then SAC10 is required.
	6	If SAC13 is present, then at least one of SAC02 or SAC04 is required.
	7	If SAC14 is present, then SAC13 is required.
	8	If SAC16 is present, then SAC15 is required.
Semantic Notes:	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. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
	3	SAC08 is the allowance or charge rate per unit.
	4	SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
	5	SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
	6	SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
	7	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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	SAC01	248	**Allowance or Charge Indicator**	M	ID 1/1
			Code which indicates an allowance or charge for the service specified		
			A Allowance		
			C Charge		
Used	SAC02	1300	**Service, Promotion, Allowance, or Charge Code**	X	ID 4/4

Code identifying the service, promotion, allowance, or charge

B750	Core Charge
B820	Currency Adjustment
D240	Freight
D430	Gross Receipts Surcharge
E620	Metals Surcharge

Used	SAC05	610	**Amount**	**O**	**N2 1/15**

Monetary amount

Used	SAC15	352	**Description**	**X**	**AN 1/80**

A free-form description to clarify the related data elements and their content

Segment:	**TDS** Total Monetary Value Summary
Position:	010
Loop:	
Level:	Summary
Usage:	Mandatory
Max Use:	1
Purpose:	To specify the total invoice discounts and amounts
Syntax Notes:	
Semantic Notes:	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.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	TDS01	610	**Amount**	M	**N2 1/15**
			Monetary amount		
Used	TDS02	610	**Amount**	O	**N2 1/15**
			Monetary amount		
Used	TDS03	610	**Amount**	O	**N2 1/15**
			Monetary amount		
Used	TDS04	610	**Amount**	O	**N2 1/15**
			Monetary amount		

Segment:	**SAC** Service, Promotion, Allowance, or Charge Information				

Position: 040

Loop: SAC   Optional

Level: Summary

Usage: Optional

Max Use: 1

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

Syntax Notes:
1. At least one of SAC02 or SAC03 is required.
2. If either SAC03 or SAC04 is present, then the other is required.
3. If either SAC06 or SAC07 is present, then the other is required.
4. If either SAC09 or SAC10 is present, then the other is required.
5. If SAC11 is present, then SAC10 is required.
6. If SAC13 is present, then at least one of SAC02 or SAC04 is required.
7. If SAC14 is present, then SAC13 is required.
8. If SAC16 is present, then SAC15 is required.

Semantic Notes:
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. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
3. SAC08 is the allowance or charge rate per unit.
4. SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
5. SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
6. SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
7. 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.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	SAC01	248	**Allowance or Charge Indicator**	M	ID 1/1
			Code which indicates an allowance or charge for the service specified		
			A Allowance		
			C Charge		
Used	SAC02	1300	**Service, Promotion, Allowance, or Charge Code**	X	ID 4/4

Code identifying the service, promotion, allowance, or charge

B750	Core Charge
B820	Currency Adjustment
D240	Freight
D430	Gross Receipts Surcharge
E620	Metals Surcharge

Used   **SAC15**   **352**   **Description**   **X   AN 1/80**

A free-form description to clarify the related data elements and their content

Segment:	**CTT** Transaction Totals		
Position:	070		
Loop:			
Level:	Summary		
Usage:	Optional		
Max Use:	1		
Purpose:	To transmit a hash total for a specific element in the transaction set		
Syntax Notes:	1	If either CTT03 or CTT04 is present, then the other is required.	
	2	If either CTT05 or CTT06 is present, then the other is required.	
Semantic Notes:			
Comments:	1	This segment is intended to provide hash totals to validate transaction completeness and correctness.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	CTT01	354	**Number of Line Items**	M N0 1/6
			Total number of line items in the transaction set	

Segment:	**SE** **Transaction Set Trailer**
Position:	080
Loop:	
Level:	Summary
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
Syntax Notes:	
Semantic Notes:	
Comments:	1 SE is the last segment of each transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	SE01	96	**Number of Included Segments**	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
M	SE02	329	**Transaction Set Control Number**	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	