810 Invoice

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
M2	010	ST	Transaction Set Header	M	1		
M3	0200	BIG	Beginning Segment for Invoice	M	1		
5	0400	NTE	Note/Special Instruction	O	100		
	050	REF	Reference Identification	O	12		
			LOOP ID - N1			200	
6	070	N1	Name	O	1		
	080	N2	Additional Name Information	O	2		
8	090	N3	Address Information	O	2		
9	100	N4	Geographic Location	O	1		
10	130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1		
	212	BAL	Balance Detail	O	>1		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - IT1			200000	
12	010	IT1	Baseline Item Data (Invoice)	O	1		
13	040	TXI	Tax Information	O	10		
	059	MEA	Measurements	O	40		
			LOOP ID - PID			1000	
16	060	PID	Product/Item Description	O	1		
17	120	REF	Reference Identification	O	>1		
	150	DTM	Date/Time Reference	O	10		
			LOOP ID – PID			1000	
	200	SLN	Subline Item Detail	O	1		
	230	SAC	Service, Promotion, Allowance, or Charge Information	O	25		

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
20	010	TDS	Total Monetary Value Summary	M	1		
20	080	SE	Transaction Set Trailer	M	1		

				Segment:	**ST** Transaction Set Header

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: 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		
			810 Invoice		
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			

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
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		
	BIG07	640	**Transaction Type Code**	O	**ID 2/2**
			Code specifying the type of transaction		
			FB Final Bill		
			PR Product (or Service)		
	BIG08	353	**Transaction Set Purpose Code**	O	**ID 2/2**
			Code identifying purpose of transaction set		
			00 Original		
			05 Replace		

Segment:	**NTE** Note/Special Instruction
Position:	030
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	100
Purpose:	To transmit information in a free-form format, if necessary, for comment or special instruction
Syntax Notes:	
Comments:	1 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.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
NTE01	363	**Note Reference Code**	O ID 3/3

Code identifying the functional area or purpose for which the note applies
ADD   Additional Information
OTH   Other Instructions

| NTE02 | 352 | **Description** | M AN 1/80 |

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

Segment:	**REF** Reference Identification				
Position:	050				
Loop:					
Level:	Heading				
Usage:	Optional				
Max Use:	12				
Purpose:	To specify identifying information				
Syntax Notes:	1 REF04 contains data relating to the value cited in REF02				
Comments:					
Notes:					

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	REF01	128	**Reference Identification Qualifier**	M ID 2/3

Code qualifying the Reference Identification

    12   Billing Account
                    Account number under which billing is rendered
    6P   Group Number
                    Meter Read Group

	Ref. Des.	Data Element	Name	Attributes
	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

Segment:		**N1** Name		
Position:		070		
Loop:		N1 Optional		
Level:		Heading		
Usage:		Optional		
Max Use:		1		
Purpose:		To identify a party by type of organization, name, and code		
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	
			8R Consumer Service Provider (CSP) Customer	
			8S Consumer Service Provider (CSP)	
	N102	93	**Name**	**X AN 1/60**
			Free-form name	
	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	
	N104	67	**Identification Code**	**X AN 2/80**
			Code identifying a party or other code	

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

Data Element Summary

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

Segment: # N3 Address Information

Position:	090
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	2
Purpose:	To specify the location of the named party
Syntax Notes:	
Comments:	

Data Element Summary

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

Segment:	**N4** Geographic Location
Position:	100
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify the geographic place of the named party
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	
N401	**19**	**City Name**	**O**	**AN 2/30**
		Free-form text for city name		
N402	**156**	**State or Province Code**	**O**	**ID 2/2**
		Code (Standard State/Province) as defined by appropriate government agency		
N403	**116**	**Postal Code**	**O**	**ID 3/15**
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		

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
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
ITD06	**446**	**Terms Net Due Date**	**O DT 8/8**
		Date when total invoice amount becomes due express in format CCYYMMDD	

Segment:	**BAL**	**Balance Detail**			

Segment: **BAL**   **Balance Detail**

Position: 212
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To identify the specific monetary balances associated with a particular account
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	BAL01	951	**Balance Type Code**	M	ID 1/2

Code indicating the type of balance

M	Current Month
P	Previous Month
CF	Conversion Factor
	Balance of previous period charges prior to applying payments and adjustments for the previous period billing

	Ref. Des.	Data Element	Name		Attributes
M	BAL02	522	**Amount Qualifier Code**	M	ID 1/3

Code to qualify amount

When BAL01 is M and BAL02 is J9, then the amount is the balance prior to current billing.
When BAL01 is P and BAL02 is AAS, then the amount is the beginning credit amount.
When BAL02 is RT then the amount is the last payment amount.

AAS	Surplus
J9	Beginning Balance
RT	Last Payment

	Ref. Des.	Data Element	Name		Attributes
M	BAL03	782	**Monetary Amount**	M	R 1/18

Monetary Amount

Segment:	**IT1** Baseline Item Data (Invoice)
Position:	010
Loop:	IT1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify the basic and most frequently used line item data for the invoice and related transactions
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., ISBN No., Model No., or SKU.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
IT101	**350**	**Assigned Identification**	**O**	**AN 1/20**
		Alphanumeric characters assigned for differentiation within a transaction set		
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)		
		SV Service Rendered		
IT107	**234**	**Product/Service ID**	**X**	**AN 1/48**
		Identifying number for a product or service		
		ELECTRIC		
		GAS		
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)		
		C3 Classification		
IT109	**234**	**Product/Service ID**	**X**	**AN 1/48**
		Identifying number for a product or service		
		CURRENTPERIOD		
		Current Period Charges		
		METERINFORMATION		
		OTHERCHARGES		
		TARIFF		
		UNMET Unmetered Charges		

Segment:		**TXI** Tax Information			
Position:		040			
Loop:		IT1 Optional			
Level:		Detail			
Usage:		Optional			
Max Use:		10			
Purpose:		To specify tax information			
Semantic Notes:		1 TXI02 is the monetary amount of the tax.			
		2 TXI03 is the tax percent expressed as a decimal.			
		3 TX107 is a code indicating the relationship of the price or amount to the associated segment.			
Comments:					

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	TXI01	963	**Tax Type Code**	M	ID 2/2

Code specifying the type of tax

FR	Franchise Tax	
	Tax imposed by municipality for the right to provide service	
LO	Local Tax (Not Sales Tax)	
	Service tax imposed on a local level	
LT	Local Sales Tax (All Applicable Sales Taxes by Taxing Authority Below the State Level)	
MP	Municipal Tax	
	Service tax imposed by a municipality	
NF	Non-Utility Gas Franchise Fee	
OT	Occupational Tax	
	Tax Imposed on telecommunication companies for the right to provide service	
SE	State Excise Tax	
	Usage tax imposed by state of provincial government	
SL	State and Local Tax	
	State and Local tax funds, exclusive of State and Local Sales tax	
ST	State Sales Tax	

	Ref. Des.	Data Element	Name	Attributes	
	TXI02	782	**Monetary Amount**	X	R 1/18

Monetary amount

	TXI03	954	**Percent**	X	R 1/10

Percentage expressed as a decimal

	TXI07	662	**Relationship Code**	O	ID 1/1

Code indicating the relationship between entities

A	Add	

Segment:	**MEA** Measurements

Position: 059
Loop: IT1   Optional
Level: Detail
Usage: Optional
Max Use: 40
Purpose: To specify physical measurements or counts, including dimensions, tolerances, variances and weights (See Figures Appendix for example of use of C001)
Semantic Notes: **1**   MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.
Comments: **1**   When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
MEA01	**737**	**Measurement Reference ID Code**	**O**	**ID 2/2**
		Code identifying the broad category to which a measurement applies		
		AA	Meter reading-beginning actual/ending actual	
		AE	Meter reading-beginning actual/ending estimated	
		CF	Conversion Factor	
			CF is used to denote electric meter multipliers and gas heat factor and pressure multipliers.	
		EA	Meter reading-beginning estimated/ending actual	
		EE	Meter reading-beginning estimated/ending estimated	
MEA02	**738**	**Measurement Qualifier**	**O**	**ID 1/3**
		Code identifying a specific product or process characteristic to which a measurement applies		
		MU	Multiplier	
		UG	Usage	
MEA03	**739**	**Measurement Value**	**X**	**R 1/20**
		The value of measurement		
MEA04	**C001**	**Composite Unit of Measure**	**X**	
		To identify a composite unit of measure (See Figures Appendix for examples of use)		
M	**C00101**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		BY	British Thermal Unit (BTU)	
			The BY multiplier is the heating factor used to calculate therms for gas usage when MEA02 is "MU"	
		HH	Hundred Cubic Feet	
		K1	Kilowatt Demand	
			Represents potential power load measured at predetermined intervals	
		K2	Kilovolt Amperes Reactive Demand	
			Reactive power that must be supplied for specific types of customer's equipment; billable when kilowatt demand usage meets or exceeds a defined parameter	

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		K3	Kilovolt Amperes Reactive Hour		

Represents actual electricity equivalent to kilowatt hours; billable when usage meets or exceeds defined parameters

		KH	Kilowatt Hour		
		TD	Therms		

MEA05	**740**	**Range Minimum**	**X**	**R 1/20**

The value specifying the minimum of the measurement range

Beginning Reading

MEA06	**741**	**Range Maximum**	**X**	**R 1/20**

The value specifying the maximum of the measurement

Ending Reading

MEA07	**935**	**Measurement Significance Code**	**O**	**ID 2/2**

Code used to benchmark, qualify or further define a measurement value

	41	Off Peak
	42	On Peak
	51	Total
	66	Sales

This value is designated by the UIG to mean a Shoulder Value

	67	Final List

This value is designated by the UIG to mean Non Tim-Related Demand

Segment:		**PID** Product/Item Description		

Position: 060
Loop: PID   Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To describe a product or process in coded or free-form format
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 PID94. 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		
	PID05	**352**	**Description**	**X**	**AN 1/80**
			A free-form description to clarify the related data elements and their content		

Segment: **REF** Reference Information
Position: 120
Loop: IT1   Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
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		
			MG Meter Number		
			NH Rate Card Number		
	REF02	127	Reference Identification	X	AN 1/80
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		

Segment:	**DTM** Date/Time Reference				

Segment: **DTM** Date/Time Reference
Position: 150
Loop: IT1 Optional
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Semantic Notes:
Comments:
Notes:

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Data Element Summary

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	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		
			150 Service Period Start		
			151 Service Period End		
			634 Next Review Date		
	DTM02	373	**Date**	X	**DT 8/8**
			Date expressed as CCYYMMDD		

Segment:	**SLN** Subline Item Detail			
Position:	200			
Loop:	SLN Optional			
Level:	Detail			
Usage:	Optional			
Max Use:	1			
Purpose:	To specify product subline detail item data			

Semantic Notes:	**1**	SLN01 is the identifying number for the subline item.
	2	SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.
	3	SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.
	4	SLN08 is a code indicating the relationship of the price or amount to the associated segment.
Comments:	**1**	See the Data Element Dictionary for a complete list of IDs.
	2	SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.
	3	SLN09 through SLN28 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.
Notes:		Each SLN loop will contain only one SAC and TXI. Multiple charges / allowances require multiple SLN loops.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**SLN01**	**350**	**Assigned Identification**	**M**	**AN 1/20**
			Alphanumeric characters assigned for differentiation within a transaction set		
M	**SLN03**	**662**	**Relationship Code**	**M**	**ID1/1**
			Code indicating the relationship between entities		
			A Add		

Segment:	**SAC** Service, Promotion, Allowance, or Charge Information
Position:	230
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	25
Purpose:	To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

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 with SAC03 to further define 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
N	No Allowance or Charge

	Ref. Des.	Data Element	Name		Attributes
	SAC03	559	**Agency Qualifier Code**	X	**ID 2/2**

Code identifying the agency assigning the code values

EU	Electric Utilities
GU	Natural Gas Utilities

	Ref. Des.	Data Element	Name		Attributes
	SAC04	1301	**Agency Service, Promotion, Allowance, or Charge Code**	X	**AN 1/10**

Agency maintained code identifying the service, promotion, allowance, or charge

All codes used in this element are stated by the UIG

ADJ000	Other Adjustments
ADJ001	Cost associated with deregulation
ADJ002	Energy Adjustment
BAS001	Basic Service, either gas or electric
CPA001	Capital Invest Adjustment
CRE001	Credit Item
CRE004	Credit for Customer-owned Transformer
DIS002	Gas Delivery Charge

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DIS003	Interstate Transport Charge
DMD001	Demand Charge
DMD002	Contract Demand Charge
DMD004	Reactive Demand Charge
DMD006	Off Peak Demand Charge
DMD007	On Peak Demand Charge
DMD028	Demand Charge – Gas
ENC000	Gas Supply Charge
ENC001	Energy Charge – Electric
ENC003	Off Peak Charge
ENC021	Bundled energy and commodity charge
ENC038	Above Baseline Energy Charge
ENC039	On Peak Charge
ENC042	Shoulder
FAC001	Equipment and Service Charge
FUE001	Fuel Adjustment
IBC000	Imbalance Charge
ITA001	Income Tax Adjustment (Gas)
ITA002	Income Tax Adjustment (Electric)
LPC001	Late Charges
MAD001	Minimum Bill
MSC000	Taxes and other Charges
MSC001	Charge not covered under any other category
MSC024	Public Assistance and Energy Efficiency Charge
MSC025	Nuclear Decommissioning Charge
MSC039	Balancing Services
ODL001	Outdoor Lighting
ODL002	Street Lighting
ODL003	Traffic Signals
ODL005	Outdoor Lighting – Facilities
ODL006	Outdoor Lighting – Extra Span Charge
PEA001	Purchased Electric Charge Adjustment
PEC001	Purchased Electric Charge
PRE001	Purchased Renewable Energy Adjustment
PZE001	Purchased Zero Emissions Adjustment
RES001	Reservation Charge
SER001	Charge for establishing an Account
SER007	Charge for changing Account Information
SER008	Special Metering Fee
SER136	Extraordinary Maintenance Activity
SUR002	Local Surcharge
TRN002	Transmission Cost of Service Correction Factor

SAC05	610	**Amount**	**O**	**N2 1/15**
		Monetary amount		
SAC08	118	**Rate**	**O**	**R 1/9**
		Rate expressed in the standard monetary denomination for the currency specified		
SAC09	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		
		UN Unit		
SAC10	380	**Quantity**	**X**	**R 1/15**
		Numeric value of quantity		
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		
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	

Segment:		**SE** Transaction Set Trailer		

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)
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		
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		