



The Global Network for B2B Integration in High Tech Industries

Transaction Set

**810**

**Invoice**

**Functional Group ID = IN  
X12 Version 004 Release 010**

**December 2002**

**Revision History**

Date	Description
September 1998	Published
September 2002	Applied new publication template
December 2002	Updated hyperlinks; no substantive changes.

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## OVERVIEW

### 1. FUNCTIONAL DEFINITION

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.

### 2. CONSIDERATIONS

### 3. TRADING PARTNERS

1. Any seller to any buyer.

### 4. EDIFICE BUSINESS MODELS

This is a simple recast/version upgrade of an existing EDIFICE guideline. Business models were not re-evaluated.

### 5. FIELD OF APPLICATION

This transaction may be applied for both national and international trade. It is based on universal commercial practice and is not dependent on the type of business or industry.

### 6. FORMAT

The transmission in the ASC X12 format uses two required envelopes. One is the ISA Interchange Control Header Segment, which starts and identifies an interchange of zero or more functional groups and interchange-related control segments. The ISA includes the sender's mailbox address and a receiver's mailbox address, and specifies which delimiter (a/k/a control, service) characters (data element separator, component element separator and data segment terminator) are being used.

There are no default service characters reserved for use in ASC X12. Allowable service characters should be discussed between trading partners.

The second required envelope is GS Functional Group Header, which indicates the beginning of a functional group and provides group level control information. The GS segment includes functional group level sender and receiver addresses, typically used by the trading partner(s) for internal routing. The GS also includes the GS08 ASC X12 Version/Release/Industry Identifier Code. EDIFICE does not recommend the use of an Industry Identifier code.



The functional groups are analogous to batches of like documents, i.e. purchase orders, invoices, etc. Each functional group contains one or more transaction sets (electronic documents).

Each transaction set is an ordered collection of segments.

Each segment is an ordered collection of data elements. Each segment has been assigned a two or three character identifier. This identifier marks the beginning of each segment. Each element within the segment is separated by a data element delimiter. EDIFICE recommends the use of the asterisk (\*) character as a data element delimiter. A segment terminator character is used to mark the end of a segment.

Any shaded areas indicate EDIFICE recommended usage and comment.

## 7. ATTRIBUTES

Each data element has three ANSI attributes: Element usage, element type and minimum/maximum length. EDIFICE has additional usage indicated for optional segments and elements which are noted in the following table.

MARGIN	ATTRIBUTE	DE NOTE	MEANING
Must Use	M (Mandatory)	N/A	If a segment, composite, or stand alone data element is mandatory according to the standard, EDIFICE cannot change the mandatory status on that component.  <i>DATA ELEMENT within a COMPOSITE:</i> A data element within a composite is mandatory only if the composite is used.
X	C or X (Conditional) or O (Optional)	No note or NOT USED	EDIFICE has determined no value in supplying the composite or data element; hence, it need not be generated.
Blank	C or X (Conditional) or O (Optional)	REQUIRED	EDIFICE members agree that the data concerned must be sent.
Blank	C or X (Conditional) or O (Optional)	No note	Indicates that EDIFICE makes no recommendation regarding usage. The trading partners must agree on usage.
Blank	C or X (Conditional) or O (Optional)	ADVISED	EDIFICE has determined value in supplying the data element; hence, it should be generated.
Blank	C or X (Conditional) or O (Optional)	DEPENDING	Data must be sent if a particular defined condition or set of conditions exist. The associated conditions must be explained at the appropriate level of detail.

## 8. CHANGES FROM VERSION 3020

Only segments, elements or codes used by EDIFICE are listed. Because this is a recast and EDIFICE is not adding codes to any code lists except codes identified in EDIFICE's guidelines for product and other identifiers. Type ID fields which have increased in maximum length are not listed.

- All date fields changed from 6/6 (YYMMDD) to 8/8 (CCYYMMDD).
- Change Order support document added code 'CG' Consignee's Order Number, 'CO' Customer Order Number, 'PO' Purchase Order Number to DE 128 Reference Number Qualifier (used in REF01).
- Change Order support document added code '28' Subcontractor, 'MF' Manufacturer of Goods, 'PG' Prime Contractor, 'RI' Remit To, 'SU' Supplier/Manufacturer, 'WH' Warehouse to DE 98 Name (used in N101).
- Max length of DE 93 Name (used in N102) changed from 35 to 60.
- Change Order support document added code '14' UCC/EAN Location Code Prefix to DE 66 Identification Code Qualifier (used in N103).
- Max length of DE 67 Identification Code (used in N104) changed from 17 to 80.
- Max length of DE 93 (used in PER02) changed from 35 to 60.
- Max length of DE 364 (used in PER04) changed from 25 to 80.
- Change Order support document added code '002' Delivery Requested, '010' Requested Ship, '067' Current Scheduled Delivery, 'Current Scheduled Ship to DE 374 Date/Time Qualifier (used in DTM01).
- Max length of DE 350 Assigned Identification (used in IT101) changed from 11 to 20.
- Requirement of DE 358 Quantity Invoiced in IT102, 355 Unit of Basis for Measurement Code in IT103, 212 Unit Price in IT104 changed from 'M' Mandatory to 'X' Conditional.
- Max length of DE 212 Unit Price (used in IT104) changed from 14 to 17.
- Change Order support document added code 'AB' Assembly, 'EN' European Article Number (EAN)(2-5-5-1), 'GS' General Specification Number, 'MC' Manufacturer's Part Number, 'PC' Prime Contractor Part Number, 'PK' Packaging Drawing, and removed 'PW' Part Drawing from DE 235 Product/Service ID Qualifier (used in IT106).
- Requirement of DE 235 Product/Service ID Qualifier (used in IT1 segment) changed from 'O' Optional to 'X' Conditional
- Max length of DE 234 Product/Service ID (used in IT1 segment) changed from 30 to 48.
- Max length of DE 782 Monetary Amount (used in TXI02) changed from 15 to 18.
- Segment ITA has been discontinued and replaced with the SAC segment.
- Max use of each occurrence of SAC is 25 where the ITA max use of each occurrence was 10.
- Codes used in ITA03 of obsolete ITA segment replaced by corresponding codes from DE 1300 (used in SAC02).
- Max length of DE 350 Assigned Identification (used in SLN01 and SLN02) changed from 11 to 20.
- Requirement of DE 380 Quantity in SLN04 changed from 'M' Mandatory to 'X' Conditional.
- Composite Unit of Measure added to the SLN segment with Exponent and Multiplier. These new elements are not used by EDIFICE.
- Max length of DE 234 Product/Service ID (used in SLN segment) changed from 30 to 48.
- Data Element changed from DE 361 Total Invoice Amount to DE 610 Amount (used in TDS01)
- Max length of DE 782 Monetary Amount (used in TXI02 segment) changed from 15 to 18.
- Requirement for CTT segment changed from 'M' Mandatory to 'O' Optional.
- Max length of DE 96 Number of Included Segments in SE01 changed from 6 to 10.



## SEGMENT TABLES

### 810 Invoice – List of Used and Not Used Segments

#### Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BIG	Beginning Segment for Invoice	M	1		
Not Used	030	NTE	Note/Special Instruction	O	100		
	040	CUR	Currency	O	1		
	050	REF	Reference Identification	O	12		
Not Used	055	YNQ	Yes/No Question	O	10		
Not Used	060	PER	Administrative Communications Contact	O	3		
LOOP ID – N1						200	
	070	N1	Name	O	1		
	080	N2	Additional Name Information	O	2		
	090	N3	Address Information	O	2		
	100	N4	Geographic Location	O	1		
Not Used	110	REF	Reference Identification	O	12		
	120	PER	Administrative Communications Contact	O	3		
Not Used	125	DMG	Demographic Information	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		
Not Used	160	PID	Product/Item Description	O	200		
Not Used	170	MEA	Measurements	O	40		
Not Used	180	PWK	Paperwork	O	25		
Not Used	190	PKG	Marking, Packaging, Loading	O	25		
Not Used	200	L7	Tariff Reference	O	1		
Not Used	212	BAL	Balance Detail	O	>1		
Not Used	213	INC	Installment Information	O	1		
Not Used	214	PAM	Period Amount	O	>1		
LOOP ID – LM						10	
Not Used	220	LM	Code Source Information	O	1		
Not Used	230	LQ	Industry Code	M	100		
LOOP ID – N9						1	
Not Used	240	N9	Reference Identification	O	1		
Not Used	250	MSG	Message Text	M	10		
LOOP ID – V1						>1	
Not Used	260	V1	Vessel Identification	O	1		
Not Used	270	R4	Port or Terminal	O	>1		
Not Used	280	DTM	Date/Time Reference	O	>1		
LOOP ID – FA1						>1	
Not Used	290	FA1	Type of Financial Accounting Data	O	1		
Not Used	300	FA2	Accounting Data	M	>1		

#### Detail:



Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
LOOP ID – IT1						200000
010	IT1	Baseline Item Data (Invoice)	O	1		
Not Used	012	CRC	O	1		
Not Used	015	QTY	O	5		n1
Not Used	020	CUR	O	1		
Not Used	030	IT3	O	5		
	040	TXI	O	10		
Not Used	050	CTP	O	25		
Not Used	055	PAM	O	10		
Not Used	059	MEA	O	40		
LOOP ID – PID						1000
060	PID	Product/Item Description	O	1		
Not Used	070	MEA	O	10		
Not Used	080	PWK	O	25		
Not Used	090	PKG	O	25		
Not Used	100	PO4	O	1		
Not Used	110	ITD	O	2		
	120	REF	O	>1		
Not Used	125	YNQ	O	10		
Not Used	130	PER	O	5		
Not Used	140	SDQ	O	500		
	150	DTM	O	10		
	160	CAD	O	>1		
Not Used	170	L7	O	>1		
Not Used	175	SR	O	1		
LOOP ID – SAC						25
180	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
Not Used	190	TXI	O	10		
LOOP ID – SLN						1000
200	SLN	Subline Item Detail	O	1		
Not Used	205	DTM	O	1		
Not Used	210	REF	O	>1		
	220	PID	O	1000		
	230	SAC	O	25		
Not Used	235	TC2	O	2		
Not Used	237	TXI	O	10		
LOOP ID – N1						200
240	N1	Name	O	1		
	250	N2	O	2		
	260	N3	O	2		
	270	N4	O	1		
Not Used	280	REF	O	12		
Not Used	290	PER	O	3		
Not Used	295	DMG	O	1		
LOOP ID – LM						10
Not Used	300	LM	O	1		
Not Used	310	LQ	M	100		



			LOOP ID – V1		>1	
Not Used	320	V1	Vessel Identification	O	1	
Not Used	330	R4	Port or Terminal	O	>1	
Not Used	340	DTM	Date/Time Reference	O	>1	
			LOOP ID – FA1		>1	
Not Used	350	FA1	Type of Financial Accounting Data	O	1	
Not Used	360	FA2	Accounting Data	M	>1	

### Summary:

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.Use</u>	<u>Loop</u> <u>Repeat</u>	<u>Notes and</u> <u>Comments</u>
Must Use	010	TDS	Total Monetary Value Summary	M	1		
	020	TXI	Tax Information	O	10		
	030	CAD	Carrier Detail	O	1		
Not Used	035	AMT	Monetary Amount	O	>1		
			LOOP ID – SAC		25		
	040	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
Not Used	050	TXI	Tax Information	O	10		
			LOOP ID – ISS		>1		
Not Used	060	ISS	Invoice Shipment Summary	O	1		
Not Used	065	PID	Product/Item Description	O	1		
	070	CTT	Transaction Totals	O	1		n2
Must Use	080	SE	Transaction Set Trailer	M	1		

### Transaction Set Notes

1. The QTY segment is used to specify a quantity of units which are expected as payments, e.g., trade-ins or returns.
2. 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.

**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				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ST01	143	Transaction Set Identifier Code	M ID 3/3
			Code uniquely identifying a Transaction Set 810 Invoice	
Must Use	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**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	BIG01	373	Date	M DT 8/8
			Date expressed as CCYYMMDD	
Must Use	BIG02	76	Invoice Number	M AN 1/22
			Identifying number assigned by issuer	
	BIG03	373	Date	O DT 8/8
			Date expressed as CCYYMMDD	
			EDIFICE USAGE: Advised.	
	BIG04	324	Purchase Order Number	O AN 1/22
			Identifying number for Purchase Order assigned by the orderer/purchaser	
			EDIFICE USAGE: Advised.	
	BIG05	328	Release Number	O AN 1/30
			Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction	
			EDIFICE USAGE: Optional.	
Not Used	BIG06	327	Change Order Sequence Number	O AN 1/8
			Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set	
	BIG07	640	Transaction Type Code	O ID 2/2
			Code specifying the type of transaction	
			EDIFICE USAGE: Advised.	
			BB Billback	
			CO Corrected	
			CR Credit Memo	
			DR Debit Memo	
			DU Duplicate	



			PR	Product (or Service) Is the usual default but should be explicit to avoid wrong assumptions by the receiving party.	
			RE	Rebill	
Not Used	BIG08	353	Transaction Set Purpose Code		O ID 2/2
				Code identifying purpose of transaction set Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	BIG09	306	Action Code		O ID 1/2
				Code indicating type of action Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	BIG10	76	Invoice Number		O AN 1/22
				Identifying number assigned by issuer	

**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:** EDIFICE USAGE: Depending.

The Electronics Industry recommends that currency be used at header level only. EDIFICE recommends that this segment only be used when sending invoices not in U.S. dollars.

**Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	CUR01	98	Entity Identifier Code	M ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	CUR02	100	Currency Code	M ID 3/3
			Code (Standard ISO) for country in whose currency the charges are specified	
	CUR03	280	Exchange Rate	O R 4/10
			Value to be used as a multiplier conversion factor to convert monetary value from one currency to another EDIFICE USAGE: Optional.	

CUR04	98	<b>Entity Identifier Code</b>	<b>O ID 2/3</b>
		Code identifying an organizational entity, a physical location, property or an individual	
		EDIFICE USAGE: Optional.	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
CUR05	100	<b>Currency Code</b>	<b>O ID 3/3</b>
		Code (Standard ISO) for country in whose currency the charges are specified	
		EDIFICE USAGE: Optional.	
CUR06	669	<b>Currency Market/Exchange Code</b>	<b>O ID 3/3</b>
		Code identifying the market upon which the currency exchange rate is based	
		EDIFICE USAGE: Optional.	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
CUR07	374	<b>Date/Time Qualifier</b>	<b>X ID 3/3</b>
		Code specifying type of date or time, or both date and time	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
CUR08	373	<b>Date</b>	<b>O DT 8/8</b>
		Date expressed as CCYYMMDD	
		EDIFICE USAGE: Optional.	
CUR09	337	<b>Time</b>	<b>O TM 4/8</b>
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00–23), M = minutes (00–59), S = integer seconds (00–59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0–9) and DD = hundredths (00–99)	
		EDIFICE USAGE: Optional.	
CUR10	374	<b>Date/Time Qualifier</b>	<b>X ID 3/3</b>
		Code specifying type of date or time, or both date and time	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
CUR11	373	<b>Date</b>	<b>X DT 8/8</b>
		Date expressed as CCYYMMDD	
		EDIFICE USAGE: Optional.	
CUR12	337	<b>Time</b>	<b>X TM 4/8</b>
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00–23), M = minutes (00–59), S = integer seconds (00–59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0–9) and DD = hundredths (00–99)	
		EDIFICE USAGE: Optional.	
CUR13	374	<b>Date/Time Qualifier</b>	<b>X ID 3/3</b>
		Code specifying type of date or time, or both date and time	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
CUR14	373	<b>Date</b>	<b>X DT 8/8</b>
		Date expressed as CCYYMMDD	
		EDIFICE USAGE: Optional.	



CUR15	337	<b>Time</b>	<b>X</b>	<b>TM 4/8</b>
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00–23), M = minutes (00–59), S = integer seconds (00–59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0–9) and DD = hundredths (00–99)		
		EDIFICE USAGE: Optional.		
CUR16	374	<b>Date/Time Qualifier</b>	<b>X</b>	<b>ID 3/3</b>
		Code specifying type of date or time, or both date and time Refer to 004010 Data Element Dictionary for acceptable code values.		
CUR17	373	<b>Date</b>	<b>X</b>	<b>DT 8/8</b>
		Date expressed as CCYYMMDD		
		EDIFICE USAGE: Optional.		
CUR18	337	<b>Time</b>	<b>X</b>	<b>TM 4/8</b>
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00–23), M = minutes (00–59), S = integer seconds (00–59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0–9) and DD = hundredths (00–99)		
		EDIFICE USAGE: Optional.		
CUR19	374	<b>Date/Time Qualifier</b>	<b>X</b>	<b>ID 3/3</b>
		Code specifying type of date or time, or both date and time Refer to 004010 Data Element Dictionary for acceptable code values.		
CUR20	373	<b>Date</b>	<b>X</b>	<b>DT 8/8</b>
		Date expressed as CCYYMMDD		
		EDIFICE USAGE: Optional.		
CUR21	337	<b>Time</b>	<b>X</b>	<b>TM 4/8</b>
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00–23), M = minutes (00–59), S = integer seconds (00–59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0–9) and DD = hundredths (00–99)		
		EDIFICE USAGE: Optional.		

**Segment: REF Reference Identification****Position:** 050**Loop:****Level:** Heading**Usage:** Optional**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:****Notes:** EDIFICE USAGE: Depending.

Advised at either header or detail level. If reference numbers are pertinent to the entire invoice they will appear in the header area, otherwise they are specified in the detail area.

**Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
<b>Must Use</b>	REF01	128	Reference Identification Qualifier	M ID 2/3
Code qualifying the Reference Identification				
		CG	Consignee's Order Number	
		CO	Customer Order Number	
		DS	Defense Priorities Allocation System (DPAS)	
			Priority Rating	
		EI	Employer's Identification Number	
		GC	Government Contract Number	
		GP	Government Priority Number	
		IT	Internal Customer Number	
		OP	Original Purchase Order	
		PH	Priority Rating	
		PK	Packing List Number	
			Recommended by EDIFICE.	
		PO	Purchase Order Number	
		PR	Price Quote Number	
		PT	Purchase Option Agreement	
		SI	Shipper's Identifying Number for Shipment (SID)	
			A unique number (to the shipper) assigned by the shipper to identify the shipment	
			Recommended by EDIFICE.	
		VN	Vendor Order Number	
			Recommended by EDIFICE.	



	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier EDIFICE USAGE: Required.	X	AN 1/30
Not Used	REF03	352	<b>Description</b>  A free-form description to clarify the related data elements and their content	X	AN 1/80
Not Used	REF04	C040	<b>Reference Identifier</b>	O	
Not Used	C04001	128	To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier <b>Reference Identification Qualifier</b>	M	ID 2/3
Not Used	C04002	127	Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values. <b>Reference Identification</b>	M	AN 1/30
Not Used	C04003	128	Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <b>Reference Identification Qualifier</b>	X	ID 2/3
Not Used	C04004	127	Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values. <b>Reference Identification</b>	X	AN 1/30
Not Used	C04005	128	Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <b>Reference Identification Qualifier</b>	X	ID 2/3
Not Used	C04006	127	Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values. <b>Reference Identification</b>	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		



<b>Segment:</b>	<b>N1</b>	<b>Name</b>
<b>Position:</b>	070	
<b>Loop:</b>	N1	Optional
<b>Level:</b>	Heading	
<b>Usage:</b>	Optional	
<b>Max Use:</b>	1	
<b>Purpose:</b>	To identify a party by type of organization, name, and code	
<b>Syntax Notes:</b>	1 At least one of N102 or N103 is required. 2 If either N103 or N104 is present, then the other is required.	
<b>Semantic Notes:</b>		
<b>Comments:</b>	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.	
<b>Notes:</b>	EDIFICE USAGE: Advised.  At least one entry should be provided for the buyer and one for the seller (Remit-to Address). Names and addresses are usually designated in the header area. It is recommended that the trading partner codify all the addresses within their system through the use of N104.	

#### Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<b>Must Use</b>	<b>N101</b>	<b>98</b>	<b>Entity Identifier Code</b>	<b>M ID 2/3</b>
			Code identifying an organizational entity, a physical location, property or an individual "BY" is recommended if different from "BT" (Bill to); "SE" is recommended if different than "RE" (Remit to).	
		28	Subcontractor	
		BT	Bill-to-Party	
			Recommended by EDIFICE	
		BY	Buying Party (Purchaser)	
			Recommended by EDIFICE.	
		MF	Manufacturer of Goods	
		PG	Prime Contractor	
		RE	Party to receive commercial invoice remittance	
		RI	Remit To	
		SE	Selling Party	
		SF	Ship From	
		ST	Ship To	
		SU	Supplier/Manufacturer	
		WH	Warehouse	



	N102	93	<b>Name</b> Free-form name EDIFICE USAGE: Advised. Facilitates audits and/or research.	X	AN 1/60
	N103	66	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67) 1 D-U-N-S Number, Dun & Bradstreet 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix 14 UCC/EAN Location Code Prefix The first part of a 13 digit UCC/EAN Location Code within the Uniform Code Council (UCC) and International Article Number Association (EAN) numbering system. A globally unique 3 to 10 digit code for the identification of a company 91 Assigned by Seller or Seller's Agent 92 Assigned by Buyer or Buyer's Agent	X	ID 1/2
	N104	67	<b>Identification Code</b> Code identifying a party or other code EDIFICE USAGE: Advised. The number that identifies the location.	X	AN 2/80
Not Used	N105	706	<b>Entity Relationship Code</b> Code describing entity relationship Refer to 004010 Data Element Dictionary for acceptable code values.	O	ID 2/2
Not Used	N106	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual Refer to 004010 Data Element Dictionary for acceptable code values.	O	ID 2/3

**Segment: N2 Additional Name Information****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**Syntax Notes:****Semantic Notes:****Comments:****Notes:** EDIFICE Usage: OPTIONAL. Use only when address information cannot be conveyed via an Identification Code on the N1 segment. Note: Use of this segment may impede automation and application integration.**Data Element Summary**

	<b>Ref. Des.</b>	<b>Data Element</b>	<b>Name</b>	<b>Attributes</b>
<b>Must Use</b>	N201	93	Name	M AN 1/60
	N202	93	Free-form name Name Free-form name	O AN 1/60

**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:****Semantic Notes:****Comments:****Notes:** EDIFICE Usage: OPTIONAL. Use only when address information cannot be conveyed via an Identification Code on the N1 segment. .**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	N301	166	Address Information	M AN 1/55
	N302	166	Address information Address Information Address information	O AN 1/55

**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  
**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.  
**Notes:** EDIFICE Usage: OPTIONAL. Use only when address information cannot be conveyed via an Identification Code on the N1 segment. .

**Data Element Summary**

Ref.	Data		
Des.	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)	
N404	26	Country Code	O ID 2/3
		Code identifying the country	
N405	309	Location Qualifier	X ID 1/2
		Code identifying type of location	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
N406	310	Location Identifier	O AN 1/30
		Code which identifies a specific location	



**Segment: PER Administrative Communications Contact****Position:** 120**Loop:** N1 Optional**Level:** Heading**Usage:** Optional**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:****Notes:** EDIFICE USAGE: Advised.

At least one direct contact in seller organization should be provided at the header level.

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<b>Must Use</b>	<b>PER01</b>	<b>366</b>	<b>Contact Function Code</b>	<b>M ID 2/2</b>
			Code identifying the major duty or responsibility of the person or group named	
			AD Accounting Department	
			AR Accounts Receivable Department	
			BD Buyer Name or Department	
			CR Customer Relations	
			EB Entered By	
			IC Information Contact	
	<b>PER02</b>	<b>93</b>	<b>Name</b>	<b>O AN 1/60</b>
			Free-form name	
			EDIFICE USAGE: Advised.	
			Facilitates audits and/or research.	
	<b>PER03</b>	<b>365</b>	<b>Communication Number Qualifier</b>	<b>X ID 2/2</b>
			Code identifying the type of communication number	
			EM Electronic Mail	
			FX Facsimile	
			TE Telephone	
	<b>PER04</b>	<b>364</b>	<b>Communication Number</b>	<b>X AN 1/80</b>
			Complete communications number including country or area code when applicable	
			Recommended format for telephone number is:	
			800-555-1212X1234.	



Not Used	PER05	365	Communication Number Qualifier	X	ID 2/2
			Code identifying the type of communication number Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	PER06	364	Communication Number	X	AN 1/80
			Complete communications number including country or area code when applicable		
Not Used	PER07	365	Communication Number Qualifier	X	ID 2/2
			Code identifying the type of communication number Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	PER08	364	Communication Number	X	AN 1/80
			Complete communications number including country or area code when applicable		
Not Used	PER09	443	Contact Inquiry Reference	O	AN 1/20
			Additional reference number or description to clarify a contact number		



<b>Segment:</b>	<b>ITD</b> Terms of Sale/Deferred Terms of Sale
<b>Position:</b>	130
<b>Loop:</b>	
<b>Level:</b>	Heading
<b>Usage:</b>	Optional
<b>Max Use:</b>	>1
<b>Purpose:</b>	To specify terms of sale
<b>Syntax Notes:</b>	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.
<b>Semantic Notes:</b>	1 ITD15 is the percentage applied to a base amount used to determine a late payment charge.
<b>Comments:</b>	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.
<b>Notes:</b>	EDIFICE USAGE: Depending.  ITD segment is recommended only when invoice is offering terms better than those specified on contract.  Do not use this segment if "05 Discount Not Applicable".

#### Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
ITD01	336	Terms Type Code	Code identifying type of payment terms EDIFICE USAGE: Required.	O ID 2/2
		01	Basic	
		04	Deferred or Installment	
		08	Basic Discount Offered	
ITD02	333	Terms Basis Date Code	Code identifying the beginning of the terms period EDIFICE USAGE: Required.	O ID 1/2
		1	Ship Date	
		2	Delivery Date	
		3	Invoice Date	
ITD03	338	Terms Discount Percent	Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date EDIFICE USAGE: Advised.	O R 1/6
Not 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	



Not Used	ITD05	351	<b>Terms Discount Days Due</b>	X	N0 1/3
			Number of days in the terms discount period by which payment is due if terms discount is earned		
			EDIFICE USAGE: Advised.		
	ITD06	446	<b>Terms Net Due Date</b>	O	DT 8/8
			Date when total invoice amount becomes due expressed in format CCYYMMDD		
			EDIFICE USAGE: Optional.		
	ITD07	386	<b>Terms Net Days</b>	O	N0 1/3
			Number of days until total invoice amount is due (discount not applicable)		
			EDIFICE USAGE: Advised.		
	ITD08	362	<b>Terms Discount Amount</b>	O	N2 1/10
			Total amount of terms discount		
			Not used by EDIFICE.		
Not Used	ITD09	388	<b>Terms Deferred Due Date</b>	O	DT 8/8
			Date deferred payment or percent of invoice payable is due expressed in format CCYYMMDD		
			EDIFICE USAGE: Optional.		
	ITD10	389	<b>Deferred Amount Due</b>	X	N2 1/10
			Deferred amount due for payment		
	ITD11	342	<b>Percent of Invoice Payable</b>	X	R 1/5
			Amount of invoice payable expressed in percent		
	ITD12	352	<b>Description</b>	O	AN 1/80
			A free-form description to clarify the related data elements and their content		
			EDIFICE USAGE: Optional.		
			Use of free-form text precludes automated processing.		
	ITD13	765	<b>Day of Month</b>	X	N0 1/2
Not Used			The numeric value of the day of the month between 1 and the maximum day of the month being referenced		
	ITD14	107	<b>Payment Method Code</b>	O	ID 1/2
			Code identifying type of payment procedures		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	ITD15	954	<b>Percent</b>	O	R 1/10
			Percentage expressed as a decimal		

**Segment: DTM Date/Time Reference****Position:** 140**Loop:****Level:** Heading**Usage:** Optional**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:****Notes:** Recommended by EDIFICE.

The Date/Time Reference segment is used to identify ship date. If there are multiple shipments on the invoice, use this segment in the Detail Area, otherwise enter it in the Header Area.

**Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	DTM01	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time	
			002	Delivery Requested
			010	Requested Ship
			011	Shipped
			Shipped on this date.	
			017	Estimated Delivery
			Dock date.	
			067	Current Schedule Delivery
			068	Current Schedule Ship
Not Used	DTM02	373	Date	X DT 8/8
			Date expressed as CCYYMMDD	
	DTM03	337	EDIFICE USAGE: Required.	
			Time	X TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
			Not used by EDIFICE.	



Not Used	DTM04	623	Time Code	O	ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or – and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and – are substituted by P and M in the codes that follow		
			Not used by EDIFICE.		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	DTM05	1250	Date Time Period Format Qualifier	X	ID 2/3
			Code indicating the date format, time format, or date and time format		
Not Used	DTM06	1251	Date Time Period	X	AN 1/35
			Expression of a date, a time, or range of dates, times or dates and times		

**Segment: FOB F.O.B. Related Instructions****Position:** 150**Loop:****Level:** Heading**Usage:** Optional**Max Use:** 1**Purpose:** To specify transportation instructions relating to shipment**Syntax Notes:** 1 If FOB03 is present, then FOB02 is required.

2 If FOB04 is present, then FOB05 is required.

3 If FOB07 is present, then FOB06 is required.

4 If FOB08 is present, then FOB09 is required.

**Semantic Notes:** 1 FOB01 indicates which party will pay the carrier.

2 FOB02 is the code specifying transportation responsibility location.

3 FOB06 is the code specifying the title passage location.

4 FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

**Comments:****Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	FOB01	146	<b>Shipment Method of Payment</b>	M ID 2/2
			Code identifying payment terms for transportation charges	
			CC Collect	
			DF Defined by Buyer and Seller	
			PC Prepaid but Charged to Customer	
			PP Prepaid (by Seller)	
			WC Weight Condition	
	FOB02	309	<b>Location Qualifier</b>	X ID 1/2
			Code identifying type of location	
			DE Destination (Shipping)	
			OR Origin (Shipping Point)	
	FOB03	352	<b>Description</b>	O AN 1/80
			A free-form description to clarify the related data elements and their content	
			EDIFICE USAGE: Optional.	
	FOB04	334	<b>Transportation Terms Qualifier Code</b>	O ID 2/2
			Code identifying the source of the transportation terms	
			EDIFICE USAGE: Optional.	
			See data element 335.	
			02 Trade Terms Code	
	FOB05	335	<b>Transportation Terms Code</b>	X ID 3/3
			Code identifying the trade terms which apply to the shipment transportation responsibility	
			FOB Free on Board	



	FOB06	309	<b>Location Qualifier</b> Code identifying type of location DE Destination (Shipping) OR Origin (Shipping Point)	X	ID 1/2
	FOB07	352	<b>Description</b> A free-form description to clarify the related data elements and their content EDIFICE USAGE: Optional.	O	AN 1/80
Not Used	FOB08	54	<b>Risk of Loss Code</b>  Code specifying where responsibility for risk of loss passes Refer to 004010 Data Element Dictionary for acceptable code values.	O	ID 2/2
Not Used	FOB09	352	<b>Description</b>  A free-form description to clarify the related data elements and their content	X	AN 1/80



**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

- 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.

**Notes:** Required by EDIFICE.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
IT101	350	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set EDIFICE USAGE: Advised.	O AN 1/20
IT102	358	<b>Quantity Invoiced</b> Number of units invoiced (supplier units)	X R 1/10
IT103	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Many trading partners require this to be the same code as on the PO.	X ID 2/2
IT104	212	EA Each <b>Unit Price</b> Price per unit of product, service, commodity, etc.	X R 1/17



Not Used	IT105	639	<b>Basis of Unit Price Code</b>	O	ID 2/2
			Code identifying the type of unit price for an item Refer to 004010 Data Element Dictionary for acceptable code values.		
	IT106	235	<b>Product/Service ID Qualifier</b>	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			AB		Assembly
			BP		Buyer's Part Number
			DR		Drawing Revision Number
			EC		Engineering Change Level
			EN		European Article Number (EAN) (2-5-5-1)
			GS		General Specification Number
			MG		Manufacturer's Part Number
			MN		Model Number
			MS		Military Specification (MILSPEC) Number
			PC		Prime Contractor Part Number
			PK		Packaging Drawing
			PT		Print or Drawing
			SN		Serial Number
			UP		U.P.C. Consumer Package Code (1-5-5-1) Used to identify Global Trade Item Number (GTIN).
			VP		Vendor's (Seller's) Part Number
	IT107	234	<b>Product/Service ID</b>	X	AN 1/48
			Identifying number for a product or service EDIFICE USAGE: Advised.		
	IT108	235	<b>Product/Service ID Qualifier</b>	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234) See code list in first occurrence of DE 235 on this segment		
	IT109	234	<b>Product/Service ID</b>	X	AN 1/48
			Identifying number for a product or service		
	IT110	235	<b>Product/Service ID Qualifier</b>	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234) See code list in first occurrence of DE 235 on this segment		
	IT111	234	<b>Product/Service ID</b>	X	AN 1/48
			Identifying number for a product or service		
	IT112	235	<b>Product/Service ID Qualifier</b>	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234) See code list in first occurrence of DE 235 on this segment		
	IT113	234	<b>Product/Service ID</b>	X	AN 1/48
			Identifying number for a product or service		
	IT114	235	<b>Product/Service ID Qualifier</b>	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234) See code list in first occurrence of DE 235 on this segment		

IT115	234	<b>Product/Service ID</b>	X	AN 1/48	Identifying number for a product or service
IT116	235	<b>Product/Service ID Qualifier</b>	X	ID 2/2	Code identifying the type/source of the descriptive number used in Product/Service ID (234)
See code list in first occurrence of DE 235 on this segment					
IT117	234	<b>Product/Service ID</b>	X	AN 1/48	Identifying number for a product or service
IT118	235	<b>Product/Service ID Qualifier</b>	X	ID 2/2	Code identifying the type/source of the descriptive number used in Product/Service ID (234)
See code list in first occurrence of DE 235 on this segment					
IT119	234	<b>Product/Service ID</b>	X	AN 1/48	Identifying number for a product or service
IT120	235	<b>Product/Service ID Qualifier</b>	X	ID 2/2	Code identifying the type/source of the descriptive number used in Product/Service ID (234)
See code list in first occurrence of DE 235 on this segment					
IT121	234	<b>Product/Service ID</b>	X	AN 1/48	Identifying number for a product or service
IT122	235	<b>Product/Service ID Qualifier</b>	X	ID 2/2	Code identifying the type/source of the descriptive number used in Product/Service ID (234)
See code list in first occurrence of DE 235 on this segment					
IT123	234	<b>Product/Service ID</b>	X	AN 1/48	Identifying number for a product or service
IT124	235	<b>Product/Service ID Qualifier</b>	X	ID 2/2	Code identifying the type/source of the descriptive number used in Product/Service ID (234)
See code list in first occurrence of DE 235 on this segment					
IT125	234	<b>Product/Service ID</b>	X	AN 1/48	Identifying number for a product or service

**Segment: TXI Tax Information****Position:** 040**Loop:** IT1 Optional**Level:** Detail**Usage:** Optional**Max Use:** 10**Purpose:** To specify tax information

**Syntax Notes:**

- 1 At least one of TXI02 TXI03 or TXI06 is required.
- 2 If either TXI04 or TXI05 is present, then the other is required.
- 3 If TXI08 is present, then TXI03 is required.

**Semantic Notes:**

- 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.

**Comments:****Notes:** EDIFICE USAGE: Depending.

EDIFICE recommends taxes at the detail or summary level but not both.

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
Must	<u>Des.</u>	<u>Element</u>		
Use	TXI01	963	<b>Tax Type Code</b>	M ID 2/2
			Code specifying the type of tax	
			CS City Sales Tax	
			LT Local Sales Tax (All Applicable Sales Taxes by Taxing Authority Below the State Level)	
			ST State Sales Tax	
	TXI02	782	<b>Monetary Amount</b>	X R 1/18
			Monetary amount	
			EDIFICE USAGE: Advised.	
	TXI03	954	<b>Percent</b>	X R 1/10
			Percentage expressed as a decimal	
	TXI04	955	<b>Tax Jurisdiction Code Qualifier</b>	X ID 2/2
			Code identifying the source of the data used in tax jurisdiction code	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	TXI05	956	<b>Tax Jurisdiction Code</b>	X AN 1/10
			Code identifying the taxing jurisdiction	
	TXI06	441	<b>Tax Exempt Code</b>	X ID 1/1
			Code identifying exemption status from sales and use tax	
			EDIFICE USAGE: Advised.	
			If buyer is qualified as tax exempt.	
			Refer to 004010 Data Element Dictionary for acceptable code values.	



Not Used	TXI07	662	<b>Relationship Code</b>	O ID 1/1
			Code indicating the relationship between entities Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	TXI08	828	<b>Dollar Basis For Percent</b>	O R 1/9
			Dollar basis to be used in the percent calculation of the allowance, charge or tax	
Not Used	TXI09	325	<b>Tax Identification Number</b>	O AN 1/20
			Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number	
Not Used	TXI10	350	<b>Assigned Identification</b>	O AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set	

## Segment: **PID** Product/Item Description

<b>Position:</b>	060
<b>Loop:</b>	PID Optional
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To describe a product or process in coded or free-form format
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 If PID04 is present, then PID03 is required.</li> <li>2 At least one of PID04 or PID05 is required.</li> <li>3 If PID07 is present, then PID03 is required.</li> <li>4 If PID08 is present, then PID04 is required.</li> <li>5 If PID09 is present, then PID05 is required.</li> </ol>
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 Use PID03 to indicate the organization that publishes the code list being referred to.</li> <li>2 PID04 should be used for industry-specific product description codes.</li> <li>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.</li> <li>4 PID09 is used to identify the language being used in PID05.</li> </ol>
<b>Comments:</b>	<ol style="list-style-type: none"> <li>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.</li> <li>2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.</li> <li>3 PID07 specifies the individual code list of the agency specified in PID03.</li> </ol>
<b>Notes:</b>	EDIFICE USAGE: Depending.

Segment is recommended when part numbers are not available.

Codification of parts is highly recommended. However, for those cases which absolutely cannot be codified, the EDIFICE Product Identification Guidelines suggests the placement of data so that it is not conveyed in a variety of places. The PID segment is recommended in these cases only.

### Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
<b>Must Use</b>	PID01	349	Item Description Type	M ID 1/1
			Code indicating the format of a description	
			F Free-form	
<b>Not Used</b>	PID02	750	Product/Process Characteristic Code	O ID 2/3
			Code identifying the general class of a product or process characteristic	
			Refer to 004010 Data Element Dictionary for acceptable code values.	



Not Used	PID03	559	<b>Agency Qualifier Code</b>	X	ID 2/2
			Code identifying the agency assigning the code values Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	PID04	751	<b>Product Description Code</b>	X	AN 1/12
			A code from an industry code list which provides specific data about a product characteristic		
	PID05	352	<b>Description</b>	X	AN 1/80
			A free-form description to clarify the related data elements and their content		
			EDIFICE USAGE: Advised.		
Not Used	PID06	752	<b>Surface/Layer/Position Code</b>	O	ID 2/2
			Code indicating the product surface, layer or position that is being described Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	PID07	822	<b>Source Subqualifier</b>	O	AN 1/15
			A reference that indicates the table or text maintained by the Source Qualifier		
Not Used	PID08	1073	<b>Yes/No Condition or Response Code</b>	O	ID 1/1
			Code indicating a Yes or No condition or response Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	PID09	819	<b>Language Code</b>	O	ID 2/3
			Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)		

**Segment: REF Reference Identification****Position:** 120**Loop:** IT1 Optional**Level:** Detail**Usage:** Optional**Max Use:** >1**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:****Notes:** EDIFICE USAGE: Depending.

Advised at either header or detail level. If the reference numbers are pertaining to the entire invoice, they are at header otherwise specified at detail. At the line item level, the REF segment may also contain "spillover" identifiers that continue the list of identifiers in the PO1 segment.

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			CG	Consignee's Order Number
			CO	Customer Order Number
			DP	Department Number
			IT	Internal Customer Number
			PK	Packing List Number
			PO	Purchase Order Number
			RE	Release Number
			SE	Serial Number
Not Used	REF02	127	SI	Shipper's Identifying Number for Shipment (SID) A unique number (to the shipper) assigned by the shipper to identify the shipment
			VN	Vendor Order Number
			Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
			EDIFICE USAGE: Required.	
Not Used	REF03	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content	





Not Used	REF04	C040	Reference Identifier	O
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	
Not Used	C04001	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	C04002	127	Reference Identification	M AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	C04003	128	Reference Identification Qualifier	X ID 2/3
			Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	C04004	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	C04005	128	Reference Identification Qualifier	X ID 2/3
			Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	C04006	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: DTM Date/Time Reference**

**Position:** 150  
**Loop:** IT1 Optional  
**Level:** Detail  
**Usage:** Optional  
**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:**

**Notes:** Date time reference segment is used to identify ship date if multiple shipments on invoice use this segment in the detail area otherwise enter in the header area.

**Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	DTM01	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time	
			002	Delivery Requested
			011	Shipped
			Shipped on this date.	
			017	Estimated Delivery
			Dock date.	
			067	Current Schedule Delivery
			068	Current Schedule Ship
	DTM02	373	Date	X DT 8/8
Not Used	DTM03	337	Date expressed as CCYYMMDD	
			EDIFICE USAGE: Required.	
			Time	X TM 4/8
Not Used	DTM04	623	Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00–23), M = minutes (00–59), S = integer seconds (00–59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0–9) and DD = hundredths (00–99)	
			Time Code	O ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or – and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and – are substituted by P and M in the codes that follow Refer to 004010 Data Element Dictionary for acceptable code values.	



Not Used	DTM05	1250	Date Time Period Format Qualifier	X	ID 2/3
			Code indicating the date format, time format, or date and time format		
Not Used	DTM06	1251	Date Time Period	X	AN 1/35
			Expression of a date, a time, or range of dates, times or dates and times		

**Segment: CAD Carrier Detail****Position:** 160**Loop:** IT1 Optional**Level:** Detail**Usage:** Optional**Max Use:** >1**Purpose:** To specify transportation details for the transaction**Syntax Notes:** 1 At least one of CAD05 or CAD04 is required.

2 If CAD07 is present, then CAD08 is required.

**Semantic Notes:****Comments:****Notes:** IEDIFICE USAGE: Optional.

If there is a single shipment represented by this invoice, it is recommended that the carrier detail segment be specified in summary, otherwise specified in detail area.

**Data Element Summary**

	<b>Ref. Des.</b>	<b>Data Element</b>	<b>Name</b>	<b>Attributes</b>
	CAD01	91	<b>Transportation Method/Type Code</b> Code specifying the method or type of transportation for the shipment IEDIFICE USAGE: Advised. Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 1/2
Not Used	CAD02	206	<b>Equipment Initial</b>  Prefix or alphabetic part of an equipment unit's identifying number	O AN 1/4
Not Used	CAD03	207	<b>Equipment Number</b>  Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)	O AN 1/10
	CAD04	140	<b>Standard Carrier Alpha Code</b> Standard Carrier Alpha Code IEDIFICE USAGE: Advised. Available from National Freight Traffic Association.	X ID 2/4
	CAD05	387	<b>Routing</b> Free-form description of the routing or requested routing for shipment, or the originating carrier's identity IEDIFICE USAGE: Optional.	X AN 1/35
Not Used	CAD06	368	<b>Shipment/Order Status Code</b>  Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2



	CAD07	128	<b>Reference Identification Qualifier</b>	O	ID 2/3
			Code qualifying the Reference Identification		
			EDIFICE USAGE: Advised.		
			AW		Air Waybill Number
			BM		Bill of Lading Number
			CM		Buyer's Credit Memo
			FR		Freight Bill Number
			MB		Master Bill of Lading
			SI		Shipper's Identifying Number for Shipment (SID)
					A unique number (to the shipper) assigned by the shipper to identify the shipment
			TB		Trucker's Bill of Lading
	CAD08	127	<b>Reference Identification</b>	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
			EDIFICE USAGE: Advised.		
Not Used	CAD09	284	<b>Service Level Code</b>	O	ID 2/2
			Code indicating the level of transportation service or the billing service offered by the transportation carrier		
			Refer to 004010 Data Element Dictionary for acceptable code values.		

## 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.

**Notes:** EDIFICE USAGE: Optional.

Charges for a given SAC12 can appear in the detail or summary area, but not both.



Data Element Summary				
	Ref. Des.	Data Element	Name	Attributes
Must Use	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	
	SAC02	1300	Service, Promotion, Allowance, or Charge Code	X ID 4/4
			Code identifying the service, promotion, allowance, or charge	
			B020 Certificate of Conformance	
			B030 Certificate of Origin	
			D170 Free Goods	
			D240 Freight	
			D370 Government Inspection	
			D450 Grouped Items	
			Indicates the pricing for this line is related to the pricing of some other item either in this transaction or some prior transaction(s)	
			D500 Handling	
			E840 Notarized Affidavit	
			G760 Set-up	
			G780 Ship to Stock Quality Audit	
			G990 Source Inspection	
			H110 Special Packaging	
			I110 Tooling	
			I580 Warehousing	
Not Used	SAC03	559	Agency Qualifier Code	X ID 2/2
			Code identifying the agency assigning the code values	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code	X AN 1/10
			Agency maintained code identifying the service, promotion, allowance, or charge	
	SAC05	610	Amount	O N2 1/15
			Monetary amount	
			EDIFICE USAGE: Advised.	
Not Used	SAC06	378	Allowance/Charge Percent Qualifier	X ID 1/1
			Code indicating on what basis allowance or charge percent is calculated	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	SAC07	332	Percent	X R 1/6
			Percent expressed as a percent	
Not Used	SAC08	118	Rate	O R 1/9
			Rate expressed in the standard monetary denomination for the	



Not Used	SAC09	355	currency specified <b>Unit or Basis for Measurement Code</b>	X	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	SAC10	380	<b>Quantity</b>	X	R 1/15
			Numeric value of quantity		
Not Used	SAC11	380	<b>Quantity</b>	O	R 1/15
			Numeric value of quantity		
	SAC12	331	<b>Allowance or Charge Method of Handling Code</b>	O	ID 2/2
			Code indicating method of handling for an allowance or charge EDIFICE USAGE: Advised.		
			02 Off Invoice		
			04 Credit Customer Account		
			05 Charge to be Paid by Vendor		
			06 Charge to be Paid by Customer		
Not Used	SAC13	127	<b>Reference Identification</b>	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	SAC14	770	<b>Option Number</b>	O	AN 1/20
			A unique number identifying available promotion or allowance options when more than one is offered		
Not Used	SAC15	352	<b>Description</b>	X	AN 1/80
			A free-form description to clarify the related data elements and their content		
Not Used	SAC16	819	<b>Language Code</b>	O	ID 2/3
			Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)		



## 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

**Syntax Notes:**

- 1 If either SLN04 or SLN05 is present, then the other is required.
- 2 If SLN07 is present, then SLN06 is required.
- 3 If SLN08 is present, then SLN06 is required.
- 4 If either SLN09 or SLN10 is present, then the other is required.
- 5 If either SLN11 or SLN12 is present, then the other is required.
- 6 If either SLN13 or SLN14 is present, then the other is required.
- 7 If either SLN15 or SLN16 is present, then the other is required.
- 8 If either SLN17 or SLN18 is present, then the other is required.
- 9 If either SLN19 or SLN20 is present, then the other is required.
- 10 If either SLN21 or SLN22 is present, then the other is required.
- 11 If either SLN23 or SLN24 is present, then the other is required.
- 12 If either SLN25 or SLN26 is present, then the other is required.
- 13 If either SLN27 or SLN28 is present, then the other is required.

**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:** EDIFICE USAGE: Optional.

Data Element Summary				
	Ref. Des.	Data Element	Name	Attributes
Must Use	SLN01	350	<b>Assigned Identification</b>	M AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set Identifying numbers for the subline item.	
			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.	
	SLN02	350	<b>Assigned Identification</b>	O AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set	
			Line number related to bill of materials.	
Must Use	SLN03	662	<b>Relationship Code</b>	M ID 1/1
			Code indicating the relationship between entities Code identifying whether the subline item is included, added or deleted from baseline. Refer to 004010 Data Element Dictionary for acceptable code values.	
	SLN04	380	<b>Quantity</b>	X R 1/15
			Numeric value of quantity	
	SLN05	C001	<b>Composite Unit of Measure</b>	X
			To identify a composite unit of measure (See Figures Appendix for examples of use)	
Must Use	C00101	355	<b>Unit or Basis for Measurement Code</b>	M ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA Each	
Not Used	C00102	1018	<b>Exponent</b>	O R 1/15
			Power to which a unit is raised	
Not Used	C00103	649	<b>Multiplier</b>	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00104	355	<b>Unit or Basis for Measurement Code</b>	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	C00105	1018	<b>Exponent</b>	O R 1/15
			Power to which a unit is raised	
Not Used	C00106	649	<b>Multiplier</b>	O R 1/10
			Value to be used as a multiplier to obtain a new value	



Not Used	C00107	355	<b>Unit or Basis for Measurement Code</b>	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	C00108	1018	<b>Exponent</b>	O R 1/15
			Power to which a unit is raised	
Not Used	C00109	649	<b>Multiplier</b>	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00110	355	<b>Unit or Basis for Measurement Code</b>	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	C00111	1018	<b>Exponent</b>	O R 1/15
			Power to which a unit is raised	
Not Used	C00112	649	<b>Multiplier</b>	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00113	355	<b>Unit or Basis for Measurement Code</b>	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	C00114	1018	<b>Exponent</b>	O R 1/15
			Power to which a unit is raised	
Not Used	C00115	649	<b>Multiplier</b>	O R 1/10
			Value to be used as a multiplier to obtain a new value	
	SLN06	212	<b>Unit Price</b>	X R 1/17
			Price per unit of product, service, commodity, etc.	
Not Used	SLN07	639	<b>Basis of Unit Price Code</b>	O ID 2/2
			Code identifying the type of unit price for an item Refer to 004010 Data Element Dictionary for acceptable code values.	
	SLN08	662	<b>Relationship Code</b>	O ID 1/1
			Code indicating the relationship between entities	
			A Add	
			D Delete	
			I Included	
	SLN09	235	<b>Product/Service ID Qualifier</b>	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	

		EDIFICE USAGE: Required.	
		See General Recommendations for Product Identification at <a href="http://www.EDIFICE.org/publications/business_models/general/prodid.html">http://www.EDIFICE.org/publications/business_models/general/prodid.html</a> for element 235.	
SLN10	234	<b>Product/Service ID</b> Identifying number for a product or service	X AN 1/48
		EDIFICE USAGE: Required.	
SLN11	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X ID 2/2
SLN12	234	<b>Product/Service ID</b> Identifying number for a product or service	X AN 1/48
SLN13	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X ID 2/2
SLN14	234	<b>Product/Service ID</b> Identifying number for a product or service	X AN 1/48
SLN15	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X ID 2/2
SLN16	234	<b>Product/Service ID</b> Identifying number for a product or service	X AN 1/48
SLN17	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X ID 2/2
SLN18	234	<b>Product/Service ID</b> Identifying number for a product or service	X AN 1/48
SLN19	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X ID 2/2
SLN20	234	<b>Product/Service ID</b> Identifying number for a product or service	X AN 1/48
SLN21	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X ID 2/2
SLN22	234	<b>Product/Service ID</b> Identifying number for a product or service	X AN 1/48
SLN23	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X ID 2/2
SLN24	234	<b>Product/Service ID</b> Identifying number for a product or service	X AN 1/48
SLN25	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X ID 2/2
SLN26	234	<b>Product/Service ID</b> Identifying number for a product or service	X AN 1/48
SLN27	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X ID 2/2
SLN28	234	<b>Product/Service ID</b>	X AN 1/48



Identifying number for a product or service

## Segment: **PID** Product/Item Description

<b>Position:</b>	220
<b>Loop:</b>	SLN Optional
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	1000
<b>Purpose:</b>	To describe a product or process in coded or free-form format
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 If PID04 is present, then PID03 is required.</li> <li>2 At least one of PID04 or PID05 is required.</li> <li>3 If PID07 is present, then PID03 is required.</li> <li>4 If PID08 is present, then PID04 is required.</li> <li>5 If PID09 is present, then PID05 is required.</li> </ol>
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 Use PID03 to indicate the organization that publishes the code list being referred to.</li> <li>2 PID04 should be used for industry-specific product description codes.</li> <li>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.</li> <li>4 PID09 is used to identify the language being used in PID05.</li> </ol>
<b>Comments:</b>	<ol style="list-style-type: none"> <li>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.</li> <li>2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.</li> <li>3 PID07 specifies the individual code list of the agency specified in PID03.</li> </ol>
<b>Notes:</b>	<p>EDIFICE USAGE: Depending.</p> <p>Codification of parts is highly recommended, however, for those cases which absolutely can not be codified a guideline is needed to suggest the placement of data so that is not conveyed in variety of places. The PID segment is recommended in these cases.</p>

### Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<b>Must Use</b>	<b>PID01</b>	<b>349</b>	<b>Item Description Type</b>	<b>M ID 1/1</b>
			Code indicating the format of a description	
			F Free-form	
<b>Not Used</b>	<b>PID02</b>	<b>750</b>	<b>Product/Process Characteristic Code</b>	<b>O ID 2/3</b>
			Code identifying the general class of a product or process characteristic	
			Refer to 004010 Data Element Dictionary for acceptable code values.	



Not Used	PID03	559	<b>Agency Qualifier Code</b>	X	ID 2/2
			Code identifying the agency assigning the code values Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	PID04	751	<b>Product Description Code</b>	X	AN 1/12
			A code from an industry code list which provides specific data about a product characteristic		
	PID05	352	<b>Description</b>	X	AN 1/80
			A free-form description to clarify the related data elements and their content		
			EDIFICE USAGE: Advised.		
Not Used	PID06	752	<b>Surface/Layer/Position Code</b>	O	ID 2/2
			Code indicating the product surface, layer or position that is being described Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	PID07	822	<b>Source Subqualifier</b>	O	AN 1/15
			A reference that indicates the table or text maintained by the Source Qualifier		
Not Used	PID08	1073	<b>Yes/No Condition or Response Code</b>	O	ID 1/1
			Code indicating a Yes or No condition or response Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	PID09	819	<b>Language Code</b>	O	ID 2/3
			Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)		

## 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

**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.

**Notes:** EDIFICE USAGE: Optional.

Charges for a given SAC12 can appear in the detail or summary area, but not both.





Data Element Summary				
	Ref. Des.	Data Element	Name	Attributes
Must Use	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	
	SAC02	1300	Service, Promotion, Allowance, or Charge Code	X ID 4/4
			Code identifying the service, promotion, allowance, or charge	
			B020 Certificate of Conformance	
			B030 Certificate of Origin	
			D170 Free Goods	
			D240 Freight	
			D370 Government Inspection	
			D450 Grouped Items	
			Indicates the pricing for this line is related to the pricing of some other item either in this transaction or some prior transaction(s)	
			D500 Handling	
			E840 Notarized Affidavit	
			G760 Set-up	
			G780 Ship to Stock Quality Audit	
			G990 Source Inspection	
			H110 Special Packaging	
			I110 Tooling	
			I580 Warehousing	
Not Used	SAC03	559	Agency Qualifier Code	X ID 2/2
			Code identifying the agency assigning the code values	
Not Used	SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code	X AN 1/10
			Agency maintained code identifying the service, promotion, allowance, or charge	
	SAC05	610	Amount	O N2 1/15
			Monetary amount	
			EDIFICE USAGE: Advised.	
Not Used	SAC06	378	Allowance/Charge Percent Qualifier	X ID 1/1
			Code indicating on what basis allowance or charge percent is calculated	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	SAC07	332	Percent	X R 1/6
			Percent expressed as a percent	
Not Used	SAC08	118	Rate	O R 1/9
			Rate expressed in the standard monetary denomination for the currency specified	



Not Used	SAC09	355	<b>Unit or Basis for Measurement Code</b>	X	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	SAC10	380	<b>Quantity</b>	X	R 1/15
			Numeric value of quantity		
Not Used	SAC11	380	<b>Quantity</b>	O	R 1/15
			Numeric value of quantity		
	SAC12	331	<b>Allowance or Charge Method of Handling Code</b>	O	ID 2/2
			Code indicating method of handling for an allowance or charge EDIFICE USAGE: Advised.		
			02 Off Invoice		
			04 Credit Customer Account		
			05 Charge to be Paid by Vendor		
			06 Charge to be Paid by Customer		
Not Used	SAC13	127	<b>Reference Identification</b>	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	SAC14	770	<b>Option Number</b>	O	AN 1/20
			A unique number identifying available promotion or allowance options when more than one is offered		
Not Used	SAC15	352	<b>Description</b>	X	AN 1/80
			A free-form description to clarify the related data elements and their content		
Not Used	SAC16	819	<b>Language Code</b>	O	ID 2/3
			Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)		

**Segment: N1 Name****Position:** 240**Loop:** N1 Optional**Level:** Detail**Usage:** Optional**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.

**Notes:**

Address information is carried in the detail area to indicate the name of the manufacturer (if multiple manufacturers make a standard component) or multiple ship-to locations on an invoice, e.g., Service Contract invoices sometimes cover services delivered at more than one (ship to) site. .

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	N101	98	Entity Identifier Code	M ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
			MF Manufacturer of Goods	
			ST Ship To	
	N102	93	Name	X AN 1/60
			Free-form name	
			EDIFICE USAGE: Advised.	
			Faciliates audits and/or research.	
	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	
			9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
			14 UCC/EAN Location Code Prefix	
			The first part of a 13 digit UCC/EAN Location Code within the Uniform Code Council (UCC) and International Article Number Association (EAN) numbering system. A globally unique 3 to 10 digit code for the identification of a company	
			91 Assigned by Seller or Seller's Agent	
			92 Assigned by Buyer or Buyer's Agent	
	N104	67	Identification Code	X AN 2/80



			Code identifying a party or other code EDIFICE USAGE: Advised.	
			The number that identifies the location.	
Not Used	N105	706	Entity Relationship Code	O ID 2/2
Not Used	N106	98	Code describing entity relationship Entity Identifier Code	O ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual Refer to 004010 Data Element Dictionary for acceptable code values.	

**Segment: N2 Additional Name Information****Position:** 250**Loop:** N1 Optional**Level:** Detail**Usage:** Optional**Max Use:** 2**Purpose:** To specify additional names or those longer than 35 characters in length**Syntax Notes:****Semantic Notes:****Comments:**

**Notes:** EDIFICE Usage: OPTIONAL. Use only when address information cannot be conveyed via an Identification Code on the N1 segment.  
Note: Use of this segment may impede automation and application integration.

**Data Element Summary**

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

**Segment: N3 Address Information****Position:** 260**Loop:** N1 Optional**Level:** Detail**Usage:** Optional**Max Use:** 2**Purpose:** To specify the location of the named party**Syntax Notes:****Semantic Notes:****Comments:****Notes:** EDIFICE Usage: OPTIONAL. Use only when address information cannot be conveyed via an Identification Code on the N1 segment.**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	N301	166	Address Information	M AN 1/55
	N302	166	Address information Address Information Address information	O AN 1/55

**Segment: N4 Geographic Location**

**Position:** 270  
**Loop:** N1 Optional  
**Level:** Detail  
**Usage:** Optional  
**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.  
**Notes:** EDIFICE Usage: OPTIONAL. Use only when address information cannot be conveyed via an Identification Code on the N1 segment. .

**Data Element Summary**

Ref.	Data		
Des.	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)	
N404	26	Country Code	O ID 2/3
		Code identifying the country	
N405	309	Location Qualifier	X ID 1/2
		Code identifying type of location	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
N406	310	Location Identifier	O AN 1/30
		Code which identifies a specific location	



**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				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	TDS01	610	Amount	M N2 1/15
			Monetary amount	
Not Used	TDS02	610	Amount	O N2 1/15
			Monetary amount	
Not Used	TDS03	610	Amount	O N2 1/15
			Monetary amount	
Not Used	TDS04	610	Amount	O N2 1/15
			Monetary amount	



**Segment: TXI Tax Information****Position:** 020**Loop:****Level:** Summary**Usage:** Optional**Max Use:** 10**Purpose:** To specify tax information

**Syntax Notes:**

- 1 At least one of TXI02 TXI03 or TXI06 is required.
- 2 If either TXI04 or TXI05 is present, then the other is required.
- 3 If TXI08 is present, then TXI03 is required.

**Semantic Notes:**

- 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.

**Comments:****Notes:** EDIFICE USAGE: Depending.

EDIFICE recommends taxes at the detail or summary level but not both.

**Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	TXI01	963	<b>Tax Type Code</b>	M ID 2/2
			Code specifying the type of tax	
			CS City Sales Tax	
			LT Local Sales Tax (All Applicable Sales Taxes by Taxing Authority Below the State Level)	
			ST State Sales Tax	
	TXI02	782	<b>Monetary Amount</b>	X R 1/18
			Monetary amount	
			EDIFICE USAGE: Advised.	
	TXI03	954	<b>Percent</b>	X R 1/10
			Percentage expressed as a decimal	
	TXI04	955	<b>Tax Jurisdiction Code Qualifier</b>	X ID 2/2
			Code identifying the source of the data used in tax jurisdiction code	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	TXI05	956	<b>Tax Jurisdiction Code</b>	X AN 1/10
			Code identifying the taxing jurisdiction	
	TXI06	441	<b>Tax Exempt Code</b>	X ID 1/1
			Code identifying exemption status from sales and use tax	
			EDIFICE USAGE: Advised.	
			If buyer is qualified as tax exempt.	
			Refer to 004010 Data Element Dictionary for acceptable code values.	



Not Used	TXI07	662	<b>Relationship Code</b>	O ID 1/1
			Code indicating the relationship between entities Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	TXI08	828	<b>Dollar Basis For Percent</b>	O R 1/9
			Dollar basis to be used in the percent calculation of the allowance, charge or tax	
Not Used	TXI09	325	<b>Tax Identification Number</b>	O AN 1/20
			Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number	
Not Used	TXI10	350	<b>Assigned Identification</b>	O AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set	

**Segment: CAD Carrier Detail**

**Position:** 030  
**Loop:**  
**Level:** Summary  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify transportation details for the transaction  
**Syntax Notes:**  
1 At least one of CAD05 or CAD04 is required.  
2 If CAD07 is present, then CAD08 is required.

**Semantic Notes:****Comments:****Notes:**

EDIFICE USAGE: Optional.

If there is a single shipment represented by this invoice, it is recommended that the carrier detail segment be specified in summary, otherwise specified in detail area.

**Data Element Summary**

	<b>Ref. Des.</b>	<b>Data Element</b>	<b>Name</b>	<b>Attributes</b>
	CAD01	91	<b>Transportation Method/Type Code</b> Code specifying the method or type of transportation for the shipment EDIFICE USAGE: Advised. Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 1/2
Not Used	CAD02	206	<b>Equipment Initial</b>  Prefix or alphabetic part of an equipment unit's identifying number	O AN 1/4
Not Used	CAD03	207	<b>Equipment Number</b>  Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)	O AN 1/10
	CAD04	140	<b>Standard Carrier Alpha Code</b> Standard Carrier Alpha Code EDIFICE USAGE: Advised. Available from National Freight Traffic Association.	X ID 2/4
	CAD05	387	<b>Routing</b> Free-form description of the routing or requested routing for shipment, or the originating carrier's identity EDIFICE USAGE: Advised.	X AN 1/35
Not Used	CAD06	368	<b>Shipment/Order Status Code</b>  Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2



	CAD07	128	<b>Reference Identification Qualifier</b>	O	ID 2/3
			Code qualifying the Reference Identification		
			EDIFICE USAGE: Advised.		
			AW		Air Waybill Number
			BM		Bill of Lading Number
			CN		Carrier's Reference Number (PRO/Invoice)
			FR		Freight Bill Number
			MB		Master Bill of Lading
			SI		Shipper's Identifying Number for Shipment (SID)
					A unique number (to the shipper) assigned by the shipper to identify the shipment
			TB		Trucker's Bill of Lading
	CAD08	127	<b>Reference Identification</b>	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
			EDIFICE USAGE: Advised.		
Not Used	CAD09	284	<b>Service Level Code</b>	O	ID 2/2
			Code indicating the level of transportation service or the billing service offered by the transportation carrier		
			Not used by EDIFICE.		
			Refer to 004010 Data Element Dictionary for acceptable code values.		

## 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.

**Notes:** EDIFICE USAGE: Optional.

Charges for a given SAC12 can appear in the detail or summary area, but not both.



Data Element Summary				
	Ref. Des.	Data Element	Name	Attributes
Must Use	SAC01	248	Allowance or Charge Indicator	M ID 1/1
			Code which indicates an allowance or charge for the service specified	
			C Charge	
	SAC02	1300	Service, Promotion, Allowance, or Charge Code	X ID 4/4
			Code identifying the service, promotion, allowance, or charge	
			B020 Certificate of Conformance	
			B030 Certificate of Origin	
			D170 Free Goods	
			D240 Freight	
			D370 Government Inspection	
			D450 Grouped Items	
			Indicates the pricing for this line is related to the pricing of some other item either in this transaction or some prior transaction(s)	
			D500 Handling	
			E840 Notarized Affidavit	
			G760 Set-up	
			G780 Ship to Stock Quality Audit	
			G990 Source Inspection	
			H110 Special Packaging	
			I110 Tooling	
			I580 Warehousing	
Not Used	SAC03	559	Agency Qualifier Code	X ID 2/2
			Code identifying the agency assigning the code values	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code	X AN 1/10
			Agency maintained code identifying the service, promotion, allowance, or charge	
	SAC05	610	Amount	O N2 1/15
			Monetary amount	
			EDIFICE USAGE: Advised.	
Not Used	SAC06	378	Allowance/Charge Percent Qualifier	X ID 1/1
			Code indicating on what basis allowance or charge percent is calculated	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	SAC07	332	Percent	X R 1/6
			Percent expressed as a percent	
Not Used	SAC08	118	Rate	O R 1/9
			Rate expressed in the standard monetary denomination for the currency specified	



Not Used	SAC09	355	<b>Unit or Basis for Measurement Code</b>	X	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	SAC10	380	<b>Quantity</b>	X	R 1/15
			Numeric value of quantity		
Not Used	SAC11	380	<b>Quantity</b>	O	R 1/15
			Numeric value of quantity		
	SAC12	331	<b>Allowance or Charge Method of Handling Code</b>	O	ID 2/2
			Code indicating method of handling for an allowance or charge EDIFICE USAGE: Advised.		
			02 Off Invoice		
			04 Credit Customer Account		
			05 Charge to be Paid by Vendor		
			06 Charge to be Paid by Customer		
Not Used	SAC13	127	<b>Reference Identification</b>	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	SAC14	770	<b>Option Number</b>	O	AN 1/20
			A unique number identifying available promotion or allowance options when more than one is offered		
Not Used	SAC15	352	<b>Description</b>	X	AN 1/80
			A free-form description to clarify the related data elements and their content		
Not Used	SAC16	819	<b>Language Code</b>	O	ID 2/3
			Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)		

**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.**Notes:** EDIFICE USAGE: Required.**Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	CTT01	354	Number of Line Items	M N0 1/6
			Total number of line items in the transaction set	
			Total number of IT1 segments within a given invoice.	
	CTT02	347	Hash Total	O R 1/10
			Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ----- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.	
			EDIFICE USAGE: Advised.	
			For example, if the hash total number is 1234567.8901 (11 characters) the value sent in CTT02 would be "234567.8901" summation of quantity invoiced (IT102) for all IT1 segments with the invoice.	
Not Used	CTT03	81	Weight	X R 1/10
			Numeric value of weight	
Not Used	CTT04	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 Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	CTT05	183	Volume	X R 1/8
			Value of volumetric measure	





Not Used	CTT06	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 Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	CTT07	352	Description	O	AN 1/80
			A free-form description to clarify the related data elements and their content		

## 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

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	SE01	96	Number of Included Segments	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	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	
			The control number is assigned by the sender. It should be sequentially assigned within each functional group to aid in error recovery and research. The control number in the SE segment (SE02) must be identical to the control number in the ST segment for each transaction.	

## 810 INVOICE EXAMPLES

### 810 Example 1 – Invoice for Products Shipped Against Purchase Order

#### Example 1 Summary

HEADER SECTION	
ST*810*123456'	This is an invoice with transaction set control number 123456.
BIG*19980415*900180*19980301*NH81496**PR'	Invoice number 900180 is issued on April 15, 1998, for Purchase Order number NH81496, order date March 1, 1998; the invoice is for a Product or Service
REF*IT*548729'	The internal customer number is 548729
N1*SE*Jones Industries, Inc.*1*002003456	The seller is Jones Industries, DUNS number 002003456.
PER*AR**TE*800-633-4313'	The Accounts Receivable contact can be reached at telephone number 800-633-4313.
ITD*08*3*2**10**30'	A basic discount is offered of 2% if paid within 10 days of the invoice date, otherwise total invoice is due in 30 days.
DTM*011*19980414'	The material was shipped on April 14, 1992.
FOB*PC*OR*Norcross, MA'	The freight is prepaid but charged to the customer and it is based on the shipping point of origin, which is Norcross, MA.
DETAIL SECTION	
IT1*001*20*EA*50.04**BP*41-09000-01* VP*2505-01'	Line item 001 is for 20 pieces of the buyer's part number 41-09000-01; unit price is \$50.04; the vendor's part number is 2505-01.
IT1*002*10*EA*38.60**BP*41-08000-01* VP*2505-02'	Line item 002 is for 10 pieces of the buyer's part number 41-08000-01; unit price is \$38.60; the vendor's part number is 2505-02.
SUMMARY SECTION	
TDS*144650'	The total amount of the invoice is \$1446.50 (\$1394.00 plus \$52.50 for freight).
SAC*C*D240***5250*****06'	A special charge is included for the freight, in the amount of 52.50; the charge is to be paid by the customer.
CTT*2*30'	There are two line items in the transaction set, and the sum of the line item quantities is 30.
SE*14*123456'	There are 14 segments in transaction set 123456, including the ST and SE segments.

### Example 1 Explanation

HEADER SECTION	
ST*810*123456'	<b>ST Transaction Set Header</b>
	ST01/143 Transaction Set Identifier Code [M/ID 3/3]: 810 (Invoice)
	ST02/329 Transaction Set Control Number [M/AN 4/9]: 123456
BIG*19980415*900180*19980301*NH81496**PR'	<b>BIG Beginning Segment for Invoice</b>
	BIG01/373 Date [M/DT 8/8]: 19980415 (Invoice issued April 15, 1998).
	BIG02/76 Invoice Number [M/AN 1/22]: 900180
	BIG03/373 Date [O/DT 8/8]: 19980301 (Purchase Order Date)
	BIG04/324 Purchase Order Number [O/AN 1/22]: NH81496
	BIG07/640 Transaction Type Code [O/ID 2/2]: PR (Product or Service)
REF*IT*548729'	<b>REF Reference Numbers</b>
	REF01/128 Reference Identification Qualifier [M/ID 2/3]: IT (Internal Customer Number)
	REF02/127 Reference Identification [X/AN 1/30]: 548729
N1*SE*Jones Industries, Inc.*1*002003456	<b>N1 Name</b>
	N101/98 Entity Identifier Code [M/ID 2/3]: SE (Seller)
	N102/93 Name [X/AN 1/60]: Jones Industries, Inc.
	N103/66 Identification Code Qualifier [X/ID 1/2]: 1 (D-U-N-S Number, Dun & Bradstreet)
	N104/67 Identification Code [X/AN 1/20]: 002003456 (Seller's DUNS number)
PER*AR**TE*800-633-4313'	<b>PER Administrative Communications Contact</b>
	PER01/366 Contact Function Code [M/ID 2/2]: AR (Accounts Receivable)
	PER03/365 Communication Number Qualifier [X/ID 2/2]: TE (Telephone Number)
	PER04/364 Communication Number [X/AN 1/80]: 800-633-4313
ITD*08*3*2**10**30'	<b>ITD Terms of Sale/Deferred Terms of Sale</b>
	ITD01/336 Terms Type Code [O/ID 2/2]: 08 (Basic Discount Offered)
	ITD02/333 Terms Basis Date Code [O/ID 1/2]: 3 (Based on Invoice Date)
	ITD03/338 Terms Discount Percent [O/R 1/6]: 2 (2%)
	ITD05/351 Terms Discount Days Due [X/NO 1/3]: 10 (Discount applies if paid within 10 days)



	of invoice date).
	ITD07/386 Terms Net Days [O/N0 1/3]: 30 (Payment otherwise due within 30 days of invoice date).
DTM*011*19980414'	<b>DTM Date/Time/Period</b>
	DTM01/374 Date/Time Qualifier [M/ID 3/3]: 011 (Shipped)
	DTM02/373 Date [X/DT 8/8]: 19980414 (April 14, 1998)
FOB*PC*OR*Norcross, MA'	<b>FOB F.O.B. Related Instructions</b>
	FOB01/146 Shipment Method of Payment [M/ID 2/2]: PC (Prepaid, Charged to Customer)
	FOB02/309 Location Qualifier [X/ID 1/2]: OR (Transportation is responsibility of shipment originator)
	FOB03/352 Description [O/AN 1/80]: Norcross, MA (Shipment origination)
<b>DETAIL SECTION</b>	
IT1*001*20*EA*50.04**BP*41-09000-01*VP*2505-01'	<b>IT1 Baseline Item Data (Invoice)</b>
	IT101/350 Assigned Identification [O/AN 1/20]: 001
	IT102/358 Quantity Invoiced [X/R 1/10]: 20
	IT1031/355 Unit or Basis for Measurement Code [X/ID 2/2]: EA
	IT104/212 Unit Price [X/R 1/17]: 50.04
	IT106/235 Product/Service ID Qualifier [X/ID 2/2]: BP
	IT107/234 Product/Service ID [X/AN 1/48]: 41-09000-01
	IT108/235 Product/Service ID Qualifier [X/ID 2/2]: VP
	IT109/234 Product/Service ID [X/AN 1/48]: 2505-01
IT1*002*10*EA*38.60**BP*41-08000-01*VP*2505-02' *	<b>IT1 Baseline Item Data (Invoice)</b>
	IT101/350 Assigned Identification [O/AN 1/20]: 002
	IT102/358 Quantity Invoiced [X/R 1/10]: 10
	IT1031/355 Unit or Basis for Measurement Code [X/ID 2/2]: EA
	IT104/212 Unit Price [X/R 1/17]: 38.60
	IT106/235 Product/Service ID Qualifier [X/ID 2/2]: BP
	IT107/234 Product/Service ID [X/AN 1/48]: 41-08000-01
	IT108/235 Product/Service ID Qualifier [X/ID 2/2]: VP
	IT109/234 Product/Service ID [X/AN 1/48]: 2505-02
<b>SUMMARY SECTION</b>	



TDS*144650'	<b>TDS Total Monetary Value Summary</b>
	TDS01/610 Amount [M/N2 1/15]: 144650 (\$1446.50)
SAC*C*D240***5250*****06'	<b>SAC Services, Promotions, Allowance, or Charge Information</b>
	SAC01/248 Allowance or Charge Indicator [M/ID 1/1]: C (Charge)
	SAC02/1300 Services, Promotion, allowance, or Charge Code [X/ID 4/4]: D240 (Freight)
	SAC05/610 Amount [O/N2 1/15]: 5250 (\$52.50)
	SAC12/331 Allowance or Charge Method of Handling Code [O/ID 2/2]: 06 (To be paid by customer)
CTT*2*30'	<b>CTT Transaction Totals</b>
	CTT01/354 Number of Line Items [M/N0 1/6]: 2 (Count of IT1 segments)
	CTT02/347 Hash Total [O/R 1/10]: 30 (Sum of IT102 quantities)
SE*14*123456*'	<b>SE Transaction Set Trailer</b>
	SE01/96 Number of Included Segments [M/N0 1/10]: 14 (Count of all segments in transaction set, including ST and SE).
	SE02/329 Transaction Set Control Number [M/AN 4/9]: 123456



## 810 Example 2 – Invoice for Products Shipped Against Purchase Order

### Example 2 Summary

HEADER SECTION	
ST*810*123456'	This is an invoice with transaction set control number 123456.
BIG*19980415*900180*19980301*NH81496**PR'	Invoice number 900180 is issued on April 15, 1998, for Purchase Order number NH81496, order date March 1, 1998; the invoice is for a Product or Service
REF*PK*548729'	The packing slip number is 548729
N1*RE**92*REMITTOCODE'	The buyer-defined remit-to address code is REMITTOCODE. This is cross-referenced in the seller's system to the actual Remit-To address.
PER*AR**TE*800-633-4313'	The Accounts Receivable contact can be reached at telephone number 800-633-4313.
ITD*08*3*2**10**30'	A basic discount is offered of 2% if paid within 10 days of the invoice date, otherwise total invoice is due in 30 days.
FOB*PC*OR*Norcross, MA'	The freight is prepaid but charged to the customer and it is based on the shipping point of origin, which is Norcross, MA.
DETAIL SECTION	
IT1*001*20*EA*50.04**BP*41-09000-01* VP*2505-01'	Line item 001 is for 20 pieces of the buyer's part number 41-09000-01; unit price is \$50.04; the vendor's part number is 2505-01.
IT1*002*10*EA*38.60**BP*41-08000-01* VP*2505-02'	Line item 002 is for 10 pieces of the buyer's part number 41-08000-01; unit price is \$38.60; the vendor's part number is 2505-02.
SUMMARY SECTION	
TDS*144650'	The total amount of the invoice is \$1446.50 (\$1394.00 plus \$52.50 for freight).
SAC*C*D240***5250*****06'	A special charge is included for the freight, in the amount of 52.50; the charge is to be paid by the customer.
CTT*2*30'	There are two line items in the transaction set, and the sum of the line item quantities is 30.
SE*13*123456'	There are 13 segments in transaction set 123456, including the ST and SE segments.

### Example 2 Explanation

HEADER SECTION	
ST*810*123456'	<b>ST Transaction Set Header</b>
	ST01/143 Transaction Set Identifier Code [M/ID 3/3]: 810 (Invoice)
	ST02/329 Transaction Set Control Number [M/AN 4/9]: 123456
BIG*19980415*900180*19980301*NH81496**PR'	<b>BIG Beginning Segment for Invoice</b>
	BIG01/373 Date [M/DT 8/8]: 19980415 (Invoice issued April 15, 1998).
	BIG02/76 Invoice Number [M/AN 1/22]: 900180
	BIG03/373 Date [O/DT 8/8]: 19980301 (Purchase Order Date)
	BIG04/324 Purchase Order Number [O/AN 1/22]: NH81496
	BIG07/640 Transaction Type Code [O/ID 2/2]: PR (Product or Service)
REF*PK*548729'	<b>REF Reference Numbers</b>
	REF01/128 Reference Identification Qualifier [M/ID 2/3]: IT (Packing Slip)
	REF02/127 Reference Identification [X/AN 1/30]: 548729
N1*RE**92*REMITTOCODE'	<b>N1 Name</b>
	N101/98 Entity Identifier Code [M/ID 2/3]: SE (Seller)
	N102/93 Name [X/AN 1/60]: Jones Industries, Inc.
	N103/66 Identification Code Qualifier [X/ID 1/2]: 92 (Defined by Buyer)
	N104/67 Identification Code [X/AN 1/20]: REMITTOCODE
PER*AR**TE*800-633-4313'	<b>PER Administrative Communications Contact</b>
	PER01/366 Contact Function Code [M/ID 2/2]: AR (Accounts Receivable)
	PER03/365 Communication Number Qualifier [X/ID 2/2]: TE (Telephone Number)
	PER04/364 Communication Number [X/AN 1/80]: 800-633-4313
ITD*08*3*2**10**30'	<b>ITD Terms of Sale/Deferred Terms of Sale</b>
	ITD01/336 Terms Type Code [O/ID 2/2]: 08 (Basic Discount Offered)
	ITD02/333 Terms Basis Date Code [O/ID 1/2]: 3 (Based on Invoice Date)
	ITD03/338 Terms Discount Percent [O/R 1/6]: 2 (2%)
	ITD05/351 Terms Discount Days Due [X/NO 1/3]: 10 (Discount applies if paid within 10 days of invoice date).





	ITD07/386 Terms Net Days [O/N0 1/3]: 30 (Payment otherwise due within 30 days of invoice date).
FOB*PC*OR*Norcross, MA'	<b>FOB F.O.B. Related Instructions</b>
	FOB01/146 Shipment Method of Payment [M/ID 2/2]: PC (Prepaid, Charged to Customer)
	FOB02/309 Location Qualifier [X/ID 1/2]: OR (Transportation is responsibility of shipment originator)
	FOB03/352 Description [O/AN 1/80]: Norcross, MA (Shipment origination)
<b>DETAIL SECTION</b>	
IT1*001*20*EA*50.04**BP*41-09000-01*VP*2505-01'	<b>IT1 Baseline Item Data (Invoice)</b>
	IT101/350 Assigned Identification [O/AN 1/20]: 001
	IT102/358 Quantity Invoiced [X/R 1/10]: 20
	IT1031/355 Unit or Basis for Measurement Code [X/ID 2/2]: EA
	IT104/212 Unit Price [X/R 1/17]: 50.04
	IT106/235 Product/Service ID Qualifier [X/ID 2/2]: BP
	IT107/234 Product/Service ID [X/AN 1/48]: 41-09000-01
	IT108/235 Product/Service ID Qualifier [X/ID 2/2]: VP
	IT109/234 Product/Service ID [X/AN 1/48]: 2505-01
IT1*002*10*EA*38.60**BP*41-08000-01*VP*2505-02' *	<b>IT1 Baseline Item Data (Invoice)</b>
	IT101/350 Assigned Identification [O/AN 1/20]: 002
	IT102/358 Quantity Invoiced [X/R 1/10]: 10
	IT1031/355 Unit or Basis for Measurement Code [X/ID 2/2]: EA
	IT104/212 Unit Price [X/R 1/17]: 38.60
	IT106/235 Product/Service ID Qualifier [X/ID 2/2]: BP
	IT107/234 Product/Service ID [X/AN 1/48]: 41-08000-01
	IT108/235 Product/Service ID Qualifier [X/ID 2/2]: VP
	IT109/234 Product/Service ID [X/AN 1/48]: 2505-02
<b>SUMMARY SECTION</b>	
TDS*144650'	<b>TDS Total Monetary Value Summary</b>
	TDS01/610 Amount [M/N2 1/15]: 144650 (\$1446.50)
SAC*C*D240***5250*****06'	<b>SAC Services, Promotions, Allowance, or Charge Information</b>
	SAC01/248 Allowance or Charge Indicator [M/ID



	1 / 1]: C (Charge)
	SAC02 / 1300 Services, Promotion, allowance, or Charge Code [X / ID 4 / 4]: D240 (Freight)
	SAC05 / 610 Amount [O / N2 1 / 15]: 5250 (\$52.50)
	SAC12 / 331 Allowance or Charge Method of Handling Code [O / ID 2 / 2]: 06 (To be paid by customer)
CTT*2*30'	<b>CTT Transaction Totals</b>
	CTT01 / 354 Number of Line Items [M / N0 1 / 6]: 2 (Count of IT1 segments)
	CTT02 / 347 Hash Total [O / R 1 / 10]: 30 (Sum of IT102 quantities)
SE*13*123456*'	<b>SE Transaction Set Trailer</b>
	SE01 / 96 Number of Included Segments [M / N0 1 / 10]: 13 (Count of all segments in transaction set, including ST and SE).
	SE02 / 329 Transaction Set Control Number [M / AN 4 / 9]: 123456



## 810 Example 3 – Invoice with Multiple Taxes

### Example 3 Summary

HEADER SECTION	
ST*810*123456'	This is an invoice with transaction set control number 123456.
BIG*19980609*H50689*19980530*T903584***PR'	Invoice number H50689 is issued on June 9, 1998, for Purchase Order T903584 issued on May 30, 1998; the invoice is for a Product or Service.
N1*BY*Smith Company*1*001603389'	The buyer is Smith Company, DUNS number 001603389.
N1*SE*Everyday Office Products*1*903456222'	The seller is Everyday Office Products, DUNS number 903456222.
DETAIL SECTION	
IT1*001*1000*EA*.20**VP*23-MTS-001'	Line item 001 is for 1000 pieces of the vendor's part number 23-MTS-001; unit price is \$0.20.
IT1*002*10*EA*5.00**VP*940ATW'	Line item 002 is for 10 pieces of the vendor's part number 940ATW; unit price is \$5.00.
SUMMARY SECTION	
TDS*27250'	The total amount of the invoice is \$272.50 (\$200.00 for line item 001, \$50.00 for line item 002, \$12.50 for the state sales tax, and \$10.00 for the local sales tax).
TXI*ST*12.50'	The state sales tax is \$12.50.
TXI*LT*10.00'	The local sales tax is \$10.00.
CTT*2*1010'	There are two line items in the transaction set, and the sum of the line item quantities is 1010.
SE*11*123456*'	There are 11 segments in transaction set 123456, including the ST and SE segments.

### Example 3 Explanation

HEADER SECTION	
ST*810*123456'	<b>ST Transaction Set Header</b>
	ST01/143 Transaction Set Identifier Code [M/ID 3/3]: 810 (Invoice)
	ST02/329 Transaction Set Control Number [M/AN 4/9]: 123456
BIG*19980609*H50689*19980530* T903584***PR'	<b>BIG Beginning Segment for Invoice</b>
	BIG01/373 Date [M/DT 8/8]: 19980609 (Invoice issued June 9, 1998)
	BIG02/76 Invoice Number [M/AN 1/22]: H50689
	BIG03/373 Date [O/DT 8/8]: 19980530 (Purchase Order date is May 30, 1998)
	BIG04/324 Purchase Order Number [O/AN 1/22]: T903584
	BIG07/640 Transaction Type Code [O/ID 2/2]: PR (Products or Services)
N1*BY*Smith Company*1*001603389'	<b>N1 Name</b>
	N101/98 Entity Identifier Code [M/ID 2/3]: BY (Buying Party)
	N102/93 Name [X/AN 1/60]: Smith Company
	N103/66 Identification Code Qualifier [X/ID 1/2]: 1 (D-U-N-S Number, Dun & Bradstreet)
	N104/67 Identification Code [X/AN 1/20]: 001603389 (Buyer's DUNS number)
N1*SE*Everyday Office Products*1*903456222'	<b>N1 Name</b>
	N101/98 Entity Identifier Code [M/ID 2/3]: SE (Seller)
	N102/93 Name [X/AN 1/60]: Everyday Office Products
	N103/66 Identification Code Qualifier [X/ID 1/2]: 1 (D-U-N-S Number, Dun & Bradstreet)
	N104/67 Identification Code [X/AN 1/20]: 903456222 (Seller's DUNS number)
DETAIL SECTION	
IT1*001*1000*EA*.20**VP*23-MTS-001'	<b>IT1 Baseline Item Data (Invoice)</b>
	IT101/350 Assigned Identification [O/AN 1/20]: 001
	IT102/358 Quantity Invoiced [X/R 1/10]: 1000
	IT1031/355 Unit or Basis for Measurement Code [X/ID 2/2]: EA
	IT104/212 Unit Price [X/R 1/17]: .20
	IT106/235 Product/Service ID Qualifier [X/ID 2/2]: VP
	IT107/234 Product/Service ID [X/AN 1/48]: 23-MTS-001
IT1*002*10*EA*5.00**VP*940ATW'	<b>IT1 Baseline Item Data (Invoice)</b>
	IT101/350 Assigned Identification [O/AN 1/20]:



	002
	IT102/358 Quantity Invoiced [X/R 1/10]: 10
	IT1031/355 Unit or Basis for Measurement Code [X/ID 2/2]: EA
	IT104/212 Unit Price [X/R 1/17]: 5.00
	IT106/235 Product/Service ID Qualifier [X/ID 2/2]: VP
	IT107/234 Product/Service ID [X/AN 1/48]: 940ATW
<b>SUMMARY SECTION</b>	
TDS*27250'	<b>TDS Total Monetary Value Summary</b>
	TDS01/610 Amount [M/N2 1/15]: 27250 (\$272.50)
TXI*ST*12.50'	<b>TXI Tax Information</b>
	TXI01/963 Tax Type Code [M/ID 2/2]: ST (State Sales Tax)
	TXI02/782 Monetary Amount [X/R 1/18]: 12.50
TXI*LT*10.00'	<b>TXI Tax Information</b>
	TXI01/963 Tax Type Code [M/ID 2/2]: LT (Local Sales Tax)
	TXI02/782 Monetary Amount [X/R 1/18]: 10.00
CTT*2*1010'	<b>CTT Transaction Totals</b>
	CTT01/354 Number of Line Items [M/N0 1/6]: 2 (2 IT1 segment in transaction)
	CTT02/347 Hash Total [O/R 1/10]: 30 (Sum of IT102 values)
SE*11*123456*'	<b>SE Transaction Set Trailer</b>
	SE01/96 Number of Included Segments [M/N0 1/10]: 13 (Count of segments in the transaction set, including ST and SE).
	SE02/329 Transaction Set Control Number [M/AN 4/9]: 123456



## 810 Example 4 – Invoice for Services

### Example 4 Summary

HEADER SECTION	
ST*810*67890'	This is an invoice with transaction set control number 67890.
BIG*19980707*981241*19980601*H807346***PR'	Invoice number 981241 is issued on July 7, 1998; purchase order number is H807346, issued June 1, 1998; the invoice is for a Product or Service.
N1*BY*Osgood Inc.*1*0763451243'	The buyer is Osgood Inc, DUNS number 0763451243.
N1*SE*AJ Copier Services*1*512678089'	The seller is AJ Copier Services, DUNS number 512678089.
DETAIL SECTION	
IT1*001*1*EA*75.00'	Line item 001 is for 1 service at \$75.00.
PID*F****Monthly Rental for Copier, Model #12567'	The service is monthly rental for Copier, Model #12567.
SUMMARY SECTION	
TDS*7500'	The total amount of the invoice is \$75.00.
CTT*1*1'	There is one line item in the transaction set, and the sum of the line item quantities is 1.
SE*9*67890*'	There are 9 segments in transaction set 123456, including the ST and SE segments

#### Example 4 Explanation

HEADER SECTION	
ST*810*67890'	<b>ST Transaction Set Header</b>
	ST01/143 Transaction Set Identifier Code [M/ID 3/3]: 810 (Invoice)
	ST02/329 Transaction Set Control Number [M/AN 4/9]: 123456
BIG*19980707*981241*19980601*H807346***PR'	<b>BIG Beginning Segment for Invoice</b>
	BIG01/373 Date [M/DT 8/8]: 19980707 (Invoice issued July 7, 1998)
	BIG02/76 Invoice Number [M/AN 1/22]: 981241
	BIG03/373 Date [O/DT 8/8]: 19980601 (Purchase Order issued June 1, 1998)
	BIG04/324 Purchase Order Number [O/AN 1/22]: H807346
	BIG07/640 Transaction Type Code [O/ID 2/2]: PR (Product or Service)
N1*BY*Osgood Inc.*1*0763451243'	<b>N1 Name</b>
	N101/98 Entity Identifier Code [M/ID 2/3]: BY (Buying Party)
	N102/93 Name [X/AN 1/60]: Osgood Inc.
	N103/66 Identification Code Qualifier [X/ID 1/2]: 1 (D-U-N-S Number, Dun & Bradstreet)
	N104/67 Identification Code [X/AN 1/20]: 0763451243 (Buyer's DUNS number)
N1*SE*AJ Copier Services*1*512678089'	<b>N1 Name</b>
	N101/98 Entity Identifier Code [M/ID 2/3]: SE (Selling Party)
	N102/93 Name [X/AN 1/60]: AJ Copier Services
	N103/66 Identification Code Qualifier [X/ID 1/2]: 1 (D-U-N-S Number, Dun & Bradstreet)
	N104/67 Identification Code [X/AN 1/20]: 512678089 (Seller's DUNS Number)
DETAIL SECTION	
IT1*001*1*EA*75.00'	<b>IT1 Baseline Item Data (Invoice)</b>
	IT101/350 Assigned Identification [O/AN 1/20]: 001
	IT102/358 Quantity Invoiced [X/R 1/10]: 1
	IT1031/355 Unit or Basis for Measurement Code [X/ID 2/2]: EA
	IT104/212 Unit Price [X/R 1/17]: 75.00
PID*F****Monthly Rental for Copier, Model #12567'	<b>PID Product/Item Description</b>
	PID01/349 Item Description Type [M/ID 1/1]: F (Free-Form Description)
	PID05/352 Description [X/AN 1/80]: Monthly Rental for Copier, Model #12567



SUMMARY SECTION	
TDS*7500'	<b>TDS Total Monetary Value Summary</b>
	TDS01/610 Amount [M/N2 1/15]: 7500 (\$75.00)
CTT*1*1'	<b>CTT Transaction Totals</b>
	CTT01/354 Number of Line Items [M/N0 1/6]: 1 (1 IT1 segment in the transaction set)
	CTT02/347 Hash Total [O/R 1/10]: 1 (Sum of IT102 quantities)
SE*9*67890*'	<b>SE Transaction Set Trailer</b>
	SE01/96 Number of Included Segments [M/N0 1/10]: 9 (Count of segments in the transaction set including the ST and SE segments).
	SE02/329 Transaction Set Control Number [M/AN 4/9]: 67890