810 Invoice Functional Group=IN

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

Heading:

Pos	<u>Id</u>	Segment Name	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
0100	ST	Transaction Set Header	Μ	1			Must use
0200	BIG	Beginning Segment for Invoice	М	1			Must use
0400	CUR	Currency	0	1			Used
0500	REF	Reference Identification	0	12			Used
LOOP ID	- N1				<u>200</u>		
0700	N1	Name	0	1			Used
0800	N2	Additional Name Information	0	2			Used
0900	N3	Address Information	0	2			Used
1000	N4	Geographic Location	0	1			Used
1200	PER	Administrative	0	3			Used
		Communications Contact					
1300	ITD	Terms of Sale/Deferred Terms of Sale	0	>1			Used
1500	FOB	F.O.B. Related Instructions	0	1			Used

Detail:

Pos	ld	Segment Name	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
LOOP ID	- IT1				<u>200000</u>		
0100	IT1	Baseline Item Data (Invoice)	0	1			Used
LOOP ID	- PID				<u>1000</u>		
0600	PID	Product/Item Description	0	1			Used
1200	REF	Reference Identification	0	>1			Used
1500	DTM	Date/Time Reference	0	10			Used
LOOP ID	- SAC				<u>>1</u>		
1800	SAC	Service, Promotion, Allowance, or Charge Information	0	1			Used
LOOP ID	<u>- TXI</u>				<u>>1</u>		
1900	TXI	Tax Information	0	1			Used
LOOP ID	<u>- N1</u>				<u>200</u>		
2400	N1	Name	0	1			Used
2500	N2	Additional Name Information	0	2			Used
2600	N3	Address Information	0	2			Used
2700	N4	Geographic Location	0	1			Used

Summary:

Pos	ld	Segment Name	Req	<u>Max Use</u>	Repeat	<u>Notes</u>	<u>Usage</u>
0100	TDS	Total Monetary Value	Μ	1			Must use
		Summary					
0300	CAD	Carrier Detail	0	1			Used
LOOP ID	- SAC				<u>>1</u>		
0400	SAC	Service, Promotion,	0	1			Used

<u>Pos</u>	<u>ld</u>	<u>Segment Name</u> Allowance, or Charge Information	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
LOOP ID	<u>- TXI</u>				<u>>1</u>		
0500	TXI	Tax Information	0	1			Used
0800	SE	Transaction Set Trailer	М	1			Must use

ST Transaction Set Header

Pos: 0100 Max: 1 Heading - Mandatory Loop: N/A Elements: 2

User Option (Usage): Must use

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

Element Summary:

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

Semantics:

- 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).
- 2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition.

BIG Beginning Segment for Invoice

Pos: 0200 Max: 1 Heading - Mandatory Loop: N/A Elements: 5

User Option (Usage): Must use

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

Element Summary:

<u>ld</u> 373	<u>Eleme</u> Date	ent Name	<u>Req</u> M	<u>Type</u> DT	<u>Min/Max</u> 8/8	<u>Usage</u> Must use				
76	CCYY two dig Invoid Descr	MMDD where CC represents the first gits of the calendar year the Number iption: Identifying number assigned	Μ	AN	1/22	Must use				
324			0	AN	1/22	Used				
-	Descr Purcha	iption: Identifying number for assigned by the	-							
328		1	0	ΔΝ	1/30	Used				
520	Descr agains	iption: Number identifying a release st a Purchase Order previously placed	U		1/00	USEU				
640			0	ID	2/2	Must use				
		••								
	Codes									
	proces									
	before	e sending.								
	<u>Code</u>	<u>Name</u>								
	CO	Corrected								
		segment with code "OI" is required.	a previc	ously tran	smitted invoice	e. A REF				
	CR									
		document that is not covered by the co segment with code "OI" in REF01 is re	ode "MC	C". A SAG	C segment is r	equired. A REF				
	DR			• • •						
		left off a previously transmitted invoice segment with code "OI" in REF01 is re price of a previously invoiced line item	e. A SA equired.	Č segme The deb	nt is required. it memo cann	A REF ot adjust the				
	MC	Material Credit Invoice								
		Since this code clearly indicates the ne Invoiced in IT102, and Unit Price IT10-	egative 4, shoul	aspects o Id be unsi	of this docume igned. All requ	nt, the Quantity uirements for the				
	PR Product (or Service)									
			nission	of this inv	oice for produ	ict or service.				
	373 76 324 328	 373 Date Descr CCYY two dia 76 Invoid Descr 324 Purch Descr 324 Purch 328 Relea Descr 328 Relea Descr	 373 Date Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year 76 Invoice Number Description: Identifying number assigned by issuer Control number for this document. 324 Purchase Order Number Description: Identifying number for Purchase Order assigned by the orderer/purchaser 328 Release Number Description: Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction 640 Transaction Type Code Description: Code specifying the type of transaction Codes other than "PR" may not be processed by all roads. Please verify whether an invoice type can be processed before sending. Only the following codes will be accepted: Code Name CO Corrected Indicates that this document replaces segment with code "OI" is required. CR Credit Memo Indicates that this document is a credit document that is not covered by the co segment with code "OI" in REF01 is re price of a previously transmitted invoice left off a previously transmitted invoice as segment with code "OI" in REF01 is re price of a previously invoiced line item MC Material Credit Invoice Indicates that this document is a credit Since this code clearly indicates the m Invoiced in IT102, and Unit Price IT10 detail area of each affected line of the 	 373 Date M 373 Date M Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year 76 Invoice Number M Description: Identifying number assigned by issuer Control number for this document. 324 Purchase Order Number O Description: Identifying number for Purchase Order assigned by the orderer/purchaser 328 Release Number O Description: Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction 640 Transaction Type Code O Description: Code specifying the type of transaction Codes other than "PR" may not be processed by all roads. Please verify whether an invoice type can be processed before sending. Only the following codes will be accepted: Code Name CO Corrected Indicates that this document is a credit adjust document that is not covered by the code "MC segment with code "Ol" in REFO1 is required. CR Credit Memo The debit memo is intended to be used for fre left of a previously transmitted invoice. A SA segment with code "Ol" in REFO1 is required. DR Debit Memo MC Material Credit Invoice Indicates that this document is a credit adjust is not covered by the code "MC segment with code "Ol" in REFO1 is required. DR Debit Memo The debit memo is intended to be used for fre left of a previously transmitted invoice. A SA segment with code "Ol" in REFO1 is required. DR Material Credit Invoice Indicates that this document is a credit that re Since this code clearly indicates the negative Invoice in IT102, and Unit Price IT104, shoul detail area of each affected line of the purchase and the purchase and the of the purc	 373 Date M DT Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year 76 Invoice Number M AN Description: Identifying number assigned by issuer Control number for this document. 324 Purchase Order Number O AN Description: Identifying number for Purchase Order assigned by the orderer/purchaser 328 Release Number O AN Description: Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction 640 Transaction Type Code O ID Description: Code specifying the type of transaction Codes other than "PR" may not be processed by all roads. Please verify whether an invoice type can be processed before sending. Only the following codes will be accepted: Code Name CO Corrected Indicates that this document replaces a previously transegment with code "OI" is required. CR Credit Memo Indicates that this document is a credit adjustment to a document that is not covered by the code "MC". A SAA segment with code "OI" in REF01 is required and no IT DR Debit Memo The debit memo is intended to be used for freight, or o left off a previously invoiced line item and no IT1 deta MC Material Credit Invoice Indicates that this document is a credit that reverses a Since this code clearly indicates the negative aspects of Invoice In T102, and Unit Price IT104, should be unsuditial area of each affected line of the purchase order a since that affected line of the purchase order a since that code clearly indicates that flas document is a credit that reverses a Since this code clearly indicates the negative aspects of Invoice In T102, and Unit Price IT104, should be unsuditial area of each affected line of the purchase order a since the code clearly indicates the negative aspects of Invoice In T102, Service) 	373 Date M DT 8/8 Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year M AN 1/22 76 Invoice Number M AN 1/22 Description: Identifying number assigned by issuer O AN 1/22 224 Purchase Order Number O AN 1/22 Description: Identifying number for Purchase Order assigned by the orderer/purchaser O AN 1/30 328 Release Number O AN 1/30 Description: Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction O ID 2/2 Description: Code specifying the type of transaction Code so ther than "PR" may not be processed by all roads. Please verify whether an invoice type can be processed before sending. O ID 2/2 Only the following codes will be accepted: Code Name C C C CO Corrected Indicates that this document replaces a previously transmitted invoice segment with code "OI" is required. CR CR CR Code will be used for freight, or other special of left off a previously transmitted invoice. Segment is resegment is resegment is resegment is resegm				

Semantics:

- 1. BIG01 is the invoice issue date.
- 2. BIG03 is the date assigned by the purchaser to purchase order.
- BIG10 is the consolidated invoice number associated with the invoice identified in BIG02. When BIG07 contains code CI (Consolidated Invoice), BIG02 will contain the consolidated invoice number and BIG10 is not used.

Comments:

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

If the invoice covers a purchase order, a release against a purchase order or a contract, element BIG04 is required.

CUR Currency

Pos: 0400 Max: 1 Heading - Optional Loop: N/A Elements: 2

User Option (Usage): Used

To specify the currency (dollars, pounds, francs, etc.) used in a transaction

Element Summary:

<u>Ref</u>	<u>ld</u>	Element N	ame	<u>Req</u>	Type	<u>Min/Max</u>	<u>Usage</u>
CUR01	98	Entity Ider	ntifier Code	M	ID	2/3	Must use
		•	n: Code identifying an				
		•	nal entity, a physical location,				
			an individual				
			llowing code will be accepted:				
		<u>Code</u> <u>Nar</u>	ne				
		SE Sell	ing Party				
CUR02	100	Currency	Code	М	ID	3/3	Must use
		Descriptio	n: Code (Standard ISO) for				
		country in	whose currency the charges are)			
		specified	, ,				
		Only the fo	llowing codes will be accepted:				
		-					
		CAD Ca	nadian Dollar				
		MXP Me	exican Peso				
			Dollar				
		002 00					

Syntax Rules:

- 1. C0807 If CUR08 is present, then CUR07 is required.
- 2. C0907 If CUR09 is present, then CUR07 is required.
- 3. L101112 If CUR10 is present, then at least one of CUR11 or CUR12 is required.
- 4. C1110 If CUR11 is present, then CUR10 is required.
- 5. C1210 If CUR12 is present, then CUR10 is required.
- 6. L131415 If CUR13 is present, then at least one of CUR14 or CUR15 is required.
- 7. C1413 If CUR14 is present, then CUR13 is required.
- 8. C1513 If CUR15 is present, then CUR13 is required.
- 9. L161718 If CUR16 is present, then at least one of CUR17 or CUR18 is required.
- 10. C1716 If CUR17 is present, then CUR16 is required.
- 11. C1816 If CUR18 is present, then CUR16 is required.
- 12. L192021 If CUR19 is present, then at least one of CUR20 or CUR21 is required.
- 13. C2019 If CUR20 is present, then CUR19 is required.
- 14. C2119 If CUR21 is present, then CUR19 is required.

Comments:

1. See Figures Appendix for examples detailing the use of the CUR segment.

This segment must be sent if the invoice is payable in funds different from the native funds of the purchaser.

REF Reference Identification

Pos: 0500 Max: 12 Heading - Optional Loop: N/A Elements: 2

User Option (Usage): Used

To specify identifying information

Element Summary:

<u>Ref</u>	<u>ld</u>	Element Name	<u>Req</u>	Type	Min/Max	<u>Usage</u>
REF01	128	Reference Identification Qualifier	М	ID	2/3	Must use
		Description: Code qualifying the Reference				
		Identification				
		<u>Code</u> <u>Name</u>				
		BM Bill of Lading Number				
		GT Goods and Service Tax Registration No	umber			
		OI Original Invoice Number				
REF02	127	Reference Identification	С	AN	1/50	Used
		Description: Reference information as				
		defined for a particular Transaction Set or as				
		specified by the Reference Identification				
		Qualifier				
		If REF01 = "OI", this number must consist of				
		the concatenation of the original invoice Date				
		BIG01 and the original Invoice Number				
		BIG02 - No embedded blanks (i.e.,				
		CCYYMMDDNNNNNN).				

Syntax Rules:

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

Semantics:

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

If this invoice is for material purchased and used in Canada, an occurence of the REF segment is required with REF01 = "GT".

N1 Name

Pos: 0700 Max: 1 Heading - Optional Loop: N1 Elements: 4

User Option (Usage): Used

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

Element Summary:

<u>Ref</u> N101	<u>Id</u> 98	Element NameEntity Identifier CodeDescription: Code identifying an organizational entity, a physical location, property or an individualCodeNameBTBill-to-PartyRIRemit ToSFShip From	<u>Req</u> M	<u>Type</u> ID	<u>Min/Max</u> 2/3	<u>Usage</u> Must use
N102	93	ST Ship To Name	С	AN	1/60	Used
11102	90	Description: Free-form name	C	AN	1/00	Useu
N103	66	Identification Code Qualifier Description: Code designating the system/method of code structure used for Identification Code (67) Code Name	С	ID	1/2	Used
N104	67	92 Assigned by Buyer or Buyer's Agent Identification Code Description: Code identifying a party or other code	С	AN	2/80	Used

Syntax Rules:

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

Comments:

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

Four N1 loops are required for each invoice: one for N101 = "BT", "RI", "SF", and "ST". The use of various segments and elements for each of the loops can be found in Table II of the Appendix.

N2 Additional Name Information

Pos: 0800 Max: 2 Heading - Optional Loop: N1 Elements: 2

User Option (Usage): Used

To specify additional names

Element Summary:

<u>Ref</u> N201	<u>ld</u> 93	<u>Element Name</u> Name	<u>Req</u> M	<u>Type</u> AN	<u>Min/Max</u> 1/60	<u>Usage</u> Must use
N202	93	Description: Free-form name Name	0	AN	1/60	Used
0_		Description: Free-form name	Ũ		., 50	2004

See Table II of the Appendix.

Pos: 0900	Max: 2
Heading -	• Optional
Loop: N1	Elements: 2

User Option (Usage): Used

To specify the location of the named party

Element Summary:

<u>Ref</u> N301	<u>ld</u> 166	Element Name Address Information	<u>Req</u> M	<u>Type</u> AN	<u>Min/Max</u> 1/55	<u>Usage</u> Must use
		Description: Address information				
N302	166	Address Information	0	AN	1/55	Used
		Description: Address information				

See Table II of the Appendix.

N4 Geographic Location

Pos: 1000 Max: 1 Heading - Optional Loop: N1 Elements: 4

User Option (Usage): Used

To specify the geographic place of the named party

Element Summary:

<u>Ref</u> N401	<u>ld</u> 19	Element Name City Name	Req O	<u>Type</u> AN	<u>Min/Max</u> 2/30	<u>Usage</u> Must use
N402	156	Description: Free-form text for city name State or Province Code Description: Code (Standard State/Province) as defined by appropriate government agency	С	ID	2/2	Must use
		Code values conform to the standard postal abbreviations. See Table III of the Appendix for the US state and Canadian province codes.				
N403	116	Postal Code Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States) Nine digit zip codes are strongly recommended.	Ο	ID	3/15	Used
N404	26	Country Code Description: Code identifying the country Assume to be "US" when not present. CA Canada MX Mexico US United States	С	ID	2/3	Used

Syntax Rules:

- 1. E0207 Only one of N402 or N407 may be present.
- 2. C0605 If N406 is present, then N405 is required.
- 3. C0704 If N407 is present, then N404 is required.

Comments:

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

SeeTable II of the Appendix.

PER Administrative Communications Contact

Pos: 1200 Max: 3 Heading - Optional Loop: N1 Elements: 8

User Option (Usage): Used

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

Element Summary:

<u>Ref</u> PER01	<u>ld</u> 366	Element Name Contact Function Code Description: Code identifying the major duty or responsibility of the person or group named Code Name	<u>Req</u> M	<u>Type</u> ID	<u>Min/Max</u> 2/2	<u>Usage</u> Must use
PER02	93	AR Accounts Receivable Department Name	0	AN	1/60	Used
PER03	365	Description: Free-form name Communication Number Qualifier Description: Code identifying the type of communication number Code Name EM Electronic Mail FX Facsimile	С	ID	2/2	Used
PER04	364	TE Telephone Communication Number Description: Complete communications number including country or area code when applicable	С	AN	1/256	Used
PER05	365	Communication Number QualifierDescription: Code identifying the type of communication numberCodeNameEMElectronic MailFXFacsimile	С	ID	2/2	Used
PER06	364	TE Telephone Communication Number Description: Complete communications number including country or area code when applicable	С	AN	1/256	Used
PER07	365	Communication Number Qualifier Description: Code identifying the type of communication number Code Name EM Electronic Mail FX Facsimile TE Telephone	С	ID	2/2	Used
PER08	364	Communication Number Description: Complete communications number including country or area code when applicable	С	AN	1/256	Used

Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.

2. P0506 - If either PER05 or PER06 is present, then the other is required.

3. P0708 - If either PER07 or PER08 is present, then the other is required.

See Table II of the Appendix.

ITD Terms of Sale/Deferred Terms of Sale

Pos: 1300 Max: >1 Heading - Optional Loop: N/A Elements: 5

User Option (Usage): Used

To specify terms of sale

Element Summary:

<u>Ref</u> ITD01	<u>ld</u> 336	Element Name Terms Type Code Description: Code identifying type of payment terms Only the following codes will be accepted: Code Name 05 Discount Not Applicable	Req O	<u>Type</u> ID	<u>Min/Max</u> 2/2	<u>Usage</u> Must use
ITD02	333	08 Basic Discount Offered Terms Basis Date Code Description: Code identifying the beginning of the terms period	0	ID	1/2	Must use
		Only the following codes will be accepted: Code Name 3 Invoice Date 5 Invoice Receipt Date				
ITD03	338	Terms Discount Percent Description: Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date Must not exceed 100%.	0	R	1/6	Used
		2% = 2 or 2.0				
ITD05	351	Terms Discount Days Due Description: Number of days in the terms discount period by which payment is due if terms discount is earned	С	N0	1/3	Used
ITD07	386	Terms Net Days Description: Number of days until total invoice amount is due (discount not applicable)	0	NO	1/3	Used

Syntax Rules:

1. L03040513 - If ITD03 is present, then at least one of ITD04, ITD05 or ITD13 is required.

2. L08040513 - If ITD08 is present, then at least one of ITD04, ITD05 or ITD13 is required.

3. L091011 - If ITD09 is present, then at least one of ITD10 or ITD11 is required.

Semantics:

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

Comments:

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

The following explains the use of the elements and codes:

If ITD01 = "05" ITD07 is required ITD03 and ITD05 must not be sent IF ITD01 = "08" ITD03, ITD05, and ITD07are required ITD03 must be greater than zero

FOB F.O.B. Related Instructions

Pos: 1500 Max: 1 Heading - Optional Loop: N/A Elements: 3

User Option (Usage): Used

To specify transportation instructions relating to shipment

Element Summary:

<u>Ref</u> FOB01	<u>ld</u> 146	Element NameShipment Method of PaymentDescription: Code identifying paymentterms for transportation chargesCodeNameCCCollectDFDefined by Buyer and Seller	<u>Req</u> M	<u>Type</u> ID	<u>Min/Max</u> 2/2	<u>Usage</u> Must use
		Code "DF" indicates that the method	of paym	ent is not	t specified.	
50000	000	PC Prepaid but Charged to Customer PP Prepaid (by Seller) PU Pickup	0	10	4/0	lleed
FOB06	309	Location Qualifier	С	ID	1/2	Used
FOB07	352	Description: Code identifying type of location Code Name CI City DE Destination (Shipping) OR Origin (Shipping Point) Description	Ο	AN	1/80	Used
		Description: A free-form description to clarify the related data elements and their content				

Syntax Rules:

- 1. C0302 If FOB03 is present, then FOB02 is required.
- 2. C0405 If FOB04 is present, then FOB05 is required.
- 3. C0706 If FOB07 is present, then FOB06 is required.
- 4. C0809 If FOB08 is present, then FOB09 is required.

Semantics:

- 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.

Required by the Rail Industry Forum.

IT1 Baseline Item Data (Invoice)

Pos: 0100 Max: 1 Detail - Optional Loop: IT1 Elements: 10

User Option (Usage): Used

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

Element Summary:

<u>Ref</u> IT101	<u>ld</u> 350	Element Name Assigned Identification Description: Alphanumeric characters assigned for differentiation within a transaction set	Req O	<u>Type</u> AN	<u>Min/Max</u> 1/20	<u>Usage</u> Used
		If the purchaser's line number is sent on the purchase order, IT101 is required and must equal the line number on that purchase order. When an electronic purchase order is sent, the line number in PO101 for the item being invoiced is the line number that is required in the IT101.				
IT102	358	Quantity Invoiced Description: Number of units invoiced	С	R	1/10	Must use
		(supplier units) Value must be greater than zero.				
IT103	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Must equal the unit of measure as ordered by the buying party. See Table IV of the Appendix for Unit of Measure Code values.	С	ID	2/2	Must use
IT104	212	Unit Price Description: Price per unit of product, service, commodity, etc. Unit price will be expressed in unit of measure from data element 355. Unit price will be net of gross price, trade discounts and item-specific mark-ups, but will not be adjusted for payment terms or any order-specific special charges. Unit price must be greater than or equal to zero.	С	R	1/17	Must use
IT106	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) Code Name MF Manufacturer PI Purchaser's Item Code	С	ID	2/2	Used
		If the order was not sent electronically occurrence of data elements 235/234 purchaser's item code. If the order was sent electronically wit 235 = "PI", then an occurrence of data	is requi h an occ	red with 2 currence	235 = "PI" and of data elemer	234 equal to the nts 235/234 with
IT107	234	 VP Vendor's (Seller's) Part Number Product/Service ID Description: Identifying number for a product or service IT108 through IT111 are repeating pairs of 	С	AN	1/48	Used

<u>Ref</u>	<u>ld</u>	Element Name	Req	Type	<u>Min/Max</u>	<u>Usage</u>
		data elements 235 and 234.				
		Notes shown in IT106 apply to all data				
IT108	235	elements 235. Product/Service ID Qualifier	С	ID	2/2	Llood
11100	230		C	U	212	Used
		Description: Code identifying the type/source of the descriptive number used				
		in Product/Service ID (234)				
		Code Name				
		MF Manufacturer				
		PI Purchaser's Item Code				
		VP Vendor's (Seller's) Part Number				
IT109	234	Product/Service ID	С	AN	1/48	Used
		Description: Identifying number for a				
		product or service				
IT110	235	Product/Service ID Qualifier	С	ID	2/2	Used
		Description: Code identifying the				
		type/source of the descriptive number used				
		in Product/Service ID (234)				
		Code Name				
		MF Manufacturer PI Purchaser's Item Code				
		VP Vendor's (Seller's) Part Number				
IT111	234	Product/Service ID	С	AN	1/48	Used
	_0.	Description: Identifying number for a	Ŭ	/	.,	0000
		product or service				

Syntax Rules:

1. P020304 - If either IT102, IT103 or IT104 are present, then the others are required.

2. P0607 - If either IT106 or IT107 is present, then the other is required.

3. P0809 - If either IT108 or IT109 is present, then the other is required.

4. P1011 - If either IT110 or IT111 is present, then the other is required.

- 5. P1213 If either IT112 or IT113 is present, then the other is required.
- 6. P1415 If either IT114 or IT115 is present, then the other is required.
- 7. P1617 If either IT116 or IT117 is present, then the other is required.
- 8. P1819 If either IT118 or IT119 is present, then the other is required.
- 9. P2021 If either IT120 or IT121 is present, then the other is required.
- 10. P2223 If either IT122 or IT123 is present, then the other is required.

11. P2425 - If either IT124 or IT125 is present, then the other is required.

Semantics:

1. IT101 is the 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.

PID Product/Item Description

Pos: 0600 Max: 1 Detail - Optional Loop: PID Elements: 2

User Option (Usage): Used

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

Element Summary:

<u>Ref</u>	<u>ld</u>	Element Name	Req	Type	Min/Max	<u>Usage</u>
PID01	349	Item Description Type	Μ	ID	1/1	Must use
		Description: Code indicating the format of a				
		description				
		Code Name				
		F Free-form				
PID05	352	Description	С	AN	1/80	Must use
		Description: A free-form description to				
		clarify the related data elements and their				
		content				

Syntax Rules:

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

Semantics:

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

Comments:

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

REF Reference Identification

Pos: 1200 Max: >1 Detail - Optional Loop: IT1 Elements: 2

User Option (Usage): Used

To specify identifying information

Element Summary:

Ref	<u>ld</u>	Element Name	Req	Type	Min/Max	<u>Usage</u>
REF01	128	Reference Identification Qualifier	Μ	ID	2/3	Must use
		Description: Code qualifying the Reference				
		Identification				
		<u>Code</u> <u>Name</u>				
		BM Bill of Lading Number				
REF02	127	Reference Identification	С	AN	1/50	Must use
		Description: Reference information as				
		defined for a particular Transaction Set or as				
		specified by the Reference Identification				
		Qualifier				

Syntax Rules:

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

Semantics:

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

DTM Date/Time Reference

Pos: 1500 Max: 10 Detail - Optional Loop: IT1 Elements: 2

User Option (Usage): Used

To specify pertinent dates and times

Element Summary:

<u>Ref</u>	<u>ld</u>	Element Name	Req	Туре	<u>Min/Max</u>	<u>Usage</u>
DTM01	374	Date/Time Qualifier	Μ	ID	3/3	Must use
		Description: Code specifying type of date or				
		time, or both date and time				
		<u>Code</u> <u>Name</u>				
		011 Shipped				
DTM02	373	Date	С	DT	8/8	Must use
		Description: Date expressed as				
		CCYYMMDD where CC represents the first				
		two digits of the calendar year				

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.

2. C0403 - If DTM04 is present, then DTM03 is required.

3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

SAC Service, Promotion, Allowance, or Charge Information

Pos: 1800 Max: 1 Detail - Optional Loop: SAC Elements: 5

User Option (Usage): Used

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

Element Summary:

<u>Ref</u> SAC01	<u>ld</u> 248	Element Name Allowance or Charge Indicator Description: Code which indicates an allowance or charge for the service specified Only the following codes will be accepted: Code Name A Allowance C Charge	<u>Req</u> M	<u>Type</u> ID	<u>Min/Max</u> 1/1	<u>Usage</u> Must use
SAC02	1300	Service, Promotion, Allowance, or Charge Code Description: Code identifying the service, promotion, allowance, or charge Only the following codes will be accepted unless SAC05 equals zero. Code Name B750 Core Charge C080 Demurrage C110 Deposit D240 Freight D360 Goods and Services Tax Charge D500 Handling D870 Inspection F180 Pallet G660 Scrap Allowance G740 Service Charge H330 State Sales Charge H550 Surcharge H660 Tax - Federal Excise Tax, FET H700 Tax - Local Tax H760 Tax - State Hazardous Substance H850 Tax	C	ID	4/4	Must use
		Use this code only if one of the more a required to describe this tax.	specific	tax codes	s does not app	ly. SAC15 is
SAC05	610	Amount Description: Monetary amount Must be greater than or equal to zero.	0	N2	1/15	Must use
SAC13	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Required for SAC02 = "D360", "H330", "H700", or "H760". Used to identify the taxing location. Format: SSZZZZZZZZZ where SS is the postal abbreviation of the	С	AN	1/50	Used

<u>Ref</u>	<u>ld</u>	Element Name state/province of the taxing location. This portion of the element is required. ZZZZZZZZZ is the postal zip of the taxing location. This portion of the element is required for sales tax at any level.	<u>Req</u>	<u>Туре</u>	<u>Min/Max</u>	<u>Usage</u>
SAC15	352	Description Description: A free-form description to clarify the related data elements and their content <i>Literal explanation of charge.</i>	С	AN	1/80	Used

Syntax Rules:

- 1. R0203 At least one of SAC02 or SAC03 is required.
- 2. P0304 If either SAC03 or SAC04 is present, then the other is required.
- 3. P0607 If either SAC06 or SAC07 is present, then the other is required.
- 4. P0910 If either SAC09 or SAC10 is present, then the other is required.
- 5. C1110 If SAC11 is present, then SAC10 is required.
- 6. C1413 If SAC14 is present, then SAC13 is required.
- 7. C1615 If SAC16 is present, then SAC15 is required.
- 8. L130204 If SAC13 is present, then at least one of SAC02 or SAC04 is required.

Semantics:

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

Comments:

- 1. SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction with SAC03 to further define SAC02.
- 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.

TXI Tax Information

Pos: 1900 Max: 1 Detail - Optional Loop: TXI Elements: 4

User Option (Usage): Used

To specify tax information

Element Summary:

<u>Ref</u> TXI01	<u>ld</u> 963	Element NameTax Type CodeDescription: Code specifying the type of taxCodeNameFTFederal Excise TaxSPState/Provincial Tax	<u>Req</u> M	<u>Type</u> ID	<u>Min/Max</u> 2/2	<u>Usage</u> Must use
TXI02	782	Monetary Amount	С	R	1/18	Used
TXI03	954	Description: Monetary amount Percent Description: Percentage expressed as a decimal	С	R	1/10	Used
TX107	662	Relationship Code Description: Code indicating the relationship between entities Code Name D Delete I Included O Information Only S Substituted	Ο	ID	1/1	Used

Syntax Rules:

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

Semantics:

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

This segment is optional and is designated for purchases made by Canadian railroads.

N1 Name

Pos: 2400 Max: 1 Detail - Optional Loop: N1 Elements: 4

User Option (Usage): Used

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

Element Summary:

<u>Ref</u> N101	<u>ld</u> 98	Element Name Entity Identifier Code Description: Code identifying an organizational entity, a physical location, property or an individual Code Name ST Ship To	<u>Req</u> M	<u>Type</u> ID	<u>Min/Max</u> 2/3	<u>Usage</u> Must use
N102	93	Name	С	AN	1/60	Used
N103	66	Description: Free-form name Identification Code Qualifier Description: Code designating the system/method of code structure used for Identification Code (67) <u>Code</u> <u>Name</u>	С	ID	1/2	Used
N104	67	92 Assigned by Buyer or Buyer's Agent Identification Code Description: Code identifying a party or other code	С	AN	2/80	Used

Syntax Rules:

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

Comments:

- 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.

N2 Additional Name Information

Pos: 2500 Max: 2 Detail - Optional Loop: N1 Elements: 2

User Option (Usage): Used

To specify additional names

Element Summary:

<u>Ref</u>	ld	Element Name	<u>Req</u>	Type	<u>Min/Max</u>	<u>Usage</u>
N201	93	Name	М	AN	1/60	Must use
		Description: Free-form name				
N202	93	Name	0	AN	1/60	Used
		Description: Free-form name				

N3 Address Information

Pos: 2600 Max: 2 Detail - Optional Loop: N1 Elements: 2

User Option (Usage): Used

To specify the location of the named party

Element Summary:

<u>Ref</u>	ld	Element Name	Req	Type	<u>Min/Max</u>	<u>Usage</u>
N301	166	Address Information	М	AN	1/55	Must use
		Description: Address information				
N302	166	Address Information	0	AN	1/55	Used
		Description: Address information				

N4 Geographic Location

Pos: 2700 Max: 1 Detail - Optional Loop: N1 Elements: 4

User Option (Usage): Used

To specify the geographic place of the named party

Element Summary:

<u>Ref</u> N401	<u>ld</u> 19	<u>Element Name</u> City Name Description: Free-form text for city name	<u>Req</u> O	<u>Type</u> AN	<u>Min/Max</u> 2/30	<u>Usage</u> Used
N402	156	State or Province Code Description: Code (Standard State/Province) as defined by appropriate government agency Code values conform to the standard postal abbrevations. See Table III of the Appendix for the US state and Canadian province codes.	С	ID	2/2	Used
N403	116	Postal Code Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	0	ID	3/15	Used
N404	26	Country Code Description: Code identifying the country Assume fo be "US" when not present. CA Canada MX Mexico US United States	С	ID	2/3	Used

Syntax Rules:

- 1. E0207 Only one of N402 or N407 may be present.
- 2. C0605 If N406 is present, then N405 is required.
- 3. C0704 If N407 is present, then N404 is required.

Comments:

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

Elements: 2

Max: 1

Pos: 0100

Loop: N/A

Summary - Mandatory

TDS Total Monetary Value Summary

User Option (Usage): Must use

To specify the total invoice discounts and amounts

Element Summary:

<u>Ref</u> TDS01	<u>ld</u> 610	Element Name Amount Description: Monetary amount	<u>Req</u> М	<u>Type</u> N2	<u>Min/Max</u> 1/15	<u>Usage</u> Must use
		Must equal the sum of (IT102 X IT104) rounded to 2 decimals, for all IT1 segments plus the sum of all SAC05 elements (with the appropriate regard for the allowance or charge indicator, SAC01).				
TDS02	610	Amount Description: Monetary amount	0	N2	1/15	Used

Semantics:

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

Comments:

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

Max: 1

Pos: 0300

Carrier Detail CAD Summary - Optional _oop: N/A Elements: 9 User Option (Usage): Used To specify transportation details for the transaction **Element Summary:** Ref ld **Element Name** Req Type Min/Max Usage CAD01 91 **Transportation Method/Type Code** 0 ID 1/2Used Description: Code specifying the method or type of transportation for the shipment Code Name А Air В Barge С Consolidation D Parcel Post Е Expedited Truck Н **Customer Pickup** L Common Irregular Carrier J Motor L **Contract Carrier** Contract carrier as specified by purchaser. Μ Motor (Common Carrier) Ν Private Vessel Ο Containerized Ocean R Rail S Ocean U **Private Parcel Service** W Inland Waterway Х Intermodal (Piggyback) PL Pipeline Steamship SS **Equipment Initial** 0 AN 1/4 Used CAD02 206 Description: Prefix or alphabetic part of an equipment unit's identifying number CAD03 207 Equipment Number 0 AN 1/10 Used Description: Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred) CAD04 140 Standard Carrier Alpha Code С ID 2/4 Used Description: Standard Carrier Alpha Code С CAD05 387 Routing AN 1/35 Used Description: Free-form description of the routing or requested routing for shipment, or the originating carrier's identity Alpha carrier name. CAD06 368 Shipment/Order Status Code 0 ID 2/2 Used **Description:** 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 Code Name ΒP

- PR Partial Shipment
- SH Shipped (Date)

<u>Ref</u>	ld	Element Name	<u>Req</u>	Туре	Min/Max	Usage
CAD07	128	Reference Identification Qualifier	0	ID	2/3	Used
		Description: Code qualifying the Reference Identification				
		Required except when CAD01 = "U".				
		Only the following code will be accepted:				
		Code Name				
		CN Carrier's Reference Number (PRO/Invo	oice)			
CAD08	127	Reference Identification	Ć	AN	1/50	Used
		Description: Reference information as				
		defined for a particular Transaction Set or as				
		specified by the Reference Identification				
		Qualifier				
		Required except when CAD01 = "U".				
CAD09	284	Service Level Code	0	ID	2/2	Used
		Description: Code indicating the level of				
		transportation service or the billing service				
		offered by the transportation carrier				
		<u>Code</u> <u>Name</u>				
		09 Premium Surface				
		3D Three Day Service				
		AE Air Economy				
		ND Next Day Air				
		SC Second Day Air				
		SG Standard Ground				

Syntax Rules:

- R0504 At least one of CAD05 or CAD04 is required.
 C0708 If CAD07 is present, then CAD08 is required.

This segment is required if a SAC segment is used with SAC02 = "D240" (Freight Charges)

SAC Service, Promotion, Allowance, or Charge Information

Pos: 0400 Max: 1 Summary - Optional Loop: SAC Elements: 5

User Option (Usage): Used

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

Element Summary:

<u>Ref</u> SAC01	<u>ld</u> 248	Element Name Allowance or Charge Indicator Description: Code which indicates an allowance or charge for the service specified Only the following codes will be accepted: Code Name	<u>Req</u> M	<u>Type</u> ID	<u>Min/Max</u> 1/1	<u>Usage</u> Must use
SAC02	1300	 A Allowance C Charge Service, Promotion, Allowance, or Charge Code Description: Code identifying the service, 	С	ID	4/4	Must use
		promotion, allowance, or charge Only the following codes will be accepted unless SAC05 equals zero. Code Name				
		B750 Core ChargeC080 DemurrageC110 DepositD240 Freight				
		D360 Goods and Services Tax Charge D500 Handling D870 Inspection F180 Pallet				
		 G660 Scrap Allowance G740 Service Charge H330 State Sales Charge H550 Surcharge H660 Tax - Federal Excise Tax, FET 				
		H700 Tax - Local Tax H760 Tax - State Hazardous Substance H850 Tax Use this code only if one of the more s	specific	tax code	s does not an	oly SAC15 is
		required to describe this tax.	speeme		5 0005 not app	<i>, , , , , , , , , , , , , , , , , , , </i>
SAC05	610	Amount Description: Monetary amount Must be greater than or equal to zero.	Ο	N2	1/15	Must use
SAC13	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Required for SAC02 = "D360", "H330", "H700", or "H760". Used to identify the taxing location. Format: SSZZZZZZZZ where SS is the postal abbrevation of the	С	AN	1/50	Used

<u>Ref</u>	<u>ld</u>	Element Name state/province of the taxing location. This portion of the element is required. ZZZZZZZZZ is the postal zip of the txing location. This portion of the element is required for sales tax at any level.	<u>Req</u>	<u>Туре</u>	<u>Min/Max</u>	<u>Usage</u>
SAC15	352	Description Description: A free-form description to clarify the related data elements and their content <i>Literal explanation of charge.</i>	С	AN	1/80	Used

Syntax Rules:

- 1. R0203 At least one of SAC02 or SAC03 is required.
- 2. P0304 If either SAC03 or SAC04 is present, then the other is required.
- 3. P0607 If either SAC06 or SAC07 is present, then the other is required.
- 4. P0910 If either SAC09 or SAC10 is present, then the other is required.
- 5. C1110 If SAC11 is present, then SAC10 is required.
- 6. C1413 If SAC14 is present, then SAC13 is required.
- 7. C1615 If SAC16 is present, then SAC15 is required.
- 8. L130204 If SAC13 is present, then at least one of SAC02 or SAC04 is required.

Semantics:

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

Comments:

- 1. SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction with SAC03 to further define SAC02.
- 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.

TXI Tax Information

Pos: 0500 Max: 1 Summary - Optional Loop: TXI Elements: 4

User Option (Usage): Used

To specify tax information

Element Summary:

<u>Ref</u> TXI01	<u>ld</u> 963	Element NameTax Type CodeDescription: Code specifying the type of taxCodeNameGSGoods and Services TaxSTState Sales Tax	<u>Req</u> M	<u>Type</u> ID	<u>Min/Max</u> 2/2	<u>Usage</u> Must use
TXI02	782	Monetary Amount Description: Monetary amount	С	R	1/18	Used
TXI03	954	Percent Description: Percentage expressed as a decimal	С	R	1/10	Used
TX107	662	Relationship Code Description: Code indicating the relationship between entities Code Name D Delete I Included O Information Only S Substituted	0	ID	1/1	Used

Syntax Rules:

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

Semantics:

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

This segment is optional and is designated for purchases made by Canadian railroads.

SE Transaction Set Trailer

Pos: 0800 Max: 1 Summary - Mandatory Loop: N/A Elements: 2

User Option (Usage): Must use

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

Element Summary:

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

Comments:

1. SE is the last segment of each transaction set.

Table of Contents

Invoice	1
Transaction Set Header	3
Beginning Segment for Invoice	4
Currency	6
Reference Identification	7
Name	8
Additional Name Information	9
Address Information	10
Geographic Location	
Administrative Communications Contact	12
Terms of Sale/Deferred Terms of Sale	14
F.O.B. Related Instructions	16
Baseline Item Data (Invoice)	17
Product/Item Description	19
Reference Identification	20
Date/Time Reference	21
Service, Promotion, Allowance, or Charge Information	22
Tax Information	24
Name	25
Additional Name Information	26
Address Information	27
Geographic Location	28
Total Monetary Value Summary	29
Carrier Detail	30
Service, Promotion, Allowance, or Charge Information	32
Tax Information	34
Transaction Set Trailer	35