Supplier 810
VERSION 4010

Author: **Integrated Supply Network**
Modified: **01/04/2004**

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.

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use
	ST	Transaction Set Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
010	BIG	Beginning Segment for Invoice	M	1			Must use
030	CUR	Currency	O	1			Must use
040	REF	Reference Identification	M	> 1			Must use
LOOP ID - N1					**4**		
070	N1	Name	O	1			Used
090	N3	Address Information	O	2			Used
100	N4	Geographic Location	O	1			Used
140	ITD	Terms of Sale/Deferred Terms of Sale	M	1			Must use
150	DTM	Date/Time Reference	M	1			Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - IT1					**200000**		
340	IT1	Baseline Item Data (Invoice)	M	1			Must use
LOOP ID - PID					**200000**		
430	PID	Item Description	O	1			Used

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
800	TDS	Total Monetary Value Summary	M	1			Must use
810	TXI	Tax Information	O	10			Used
LOOP ID - SAC					**25**		
840	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used
880	CTT	Transaction Totals	O	1			Used
	SE	Transaction Set Trailer	M	1			Must use
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

ISA Interchange Control Header

Pos:	
	Max: 1
Not Defined - Mandatory	
Loop: N/A	
	Elements: 16

User Option(Usage):   Must use

To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier** **Description:**	M	ID	2/2	Must use

Code to identify the type of information in the Authorization Information

All valid standard codes are used.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA02	I02	**Authorization Information** **Description:**	M	AN	10/10	Must use

Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA03	I03	**Security Information Qualifier** **Description:**	M	ID	2/2	Must use

Code to identify the type of information in the Security Information

All valid standard codes are used.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA04	I04	**Security Information** **Description:**	M	AN	10/10	Must use

This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA05	I05	**Interchange ID Qualifier** **Description:**	M	ID	2/2	Must use

Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified

All valid standard codes are used.

ISA06	I06	**Interchange Sender ID** **Description:**	M	AN	15/15	Must use
		Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element				
ISA07	I05	**Interchange ID Qualifier** **Description:**	M	ID	2/2	Must use
		Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified				
		All valid standard codes are used.				
ISA08	I07	**Interchange Receiver ID** **Description:**	M	AN	15/15	Must use
		Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them				
ISA09	I08	**Interchange Date** **Description:**	M	DT	6/6	Must use
		Date of the interchange				
ISA10	I09	**Interchange Time** **Description:**	M	TM	4/4	Must use
		Time of the interchange				
ISA11	I10	**Interchange Control Standards Identifier** **Description:**	M	ID	1/1	Must use
		Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer				
		All valid standard codes are used.				
ISA12	I11	**Interchange Control Version Number** **Description:**	M	ID	5/5	Must use
		Code specifying the version number of the interchange control segments				
		All valid standard codes are used.				
ISA13	I12	**Interchange Control Number**	M	N0	9/9	Must use

Description:

A control number assigned by the interchange sender

| ISA14 | I13 | **Acknowledgment Requested** | M | ID | 1/1 | Must use |

Description:

Code sent by the sender to request an interchange acknowledgment (TA1)

All valid standard codes are used.

| ISA15 | I14 | **Usage Indicator** | M | ID | 1/1 | Must use |

Description:

Code to indicate whether data enclosed by this interchange envelope is test, production or information

All valid standard codes are used.

| ISA16 | I15 | **Component Element Separator** | M | | 1/1 | Must use |

Description:

Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator

GS Functional Group Header

<table>
<tr><td>Pos:</td></tr>
<tr><td>Max: 1</td></tr>
<tr><td>Not Defined - Mandatory</td></tr>
<tr><td>Loop: N/A</td></tr>
<tr><td>Elements: 8</td></tr>
</table>

User Option(Usage):   Must use

To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code** **Description:**	M	ID	2/2	Must use
		Code identifying a group of application related transaction sets				
		All valid standard codes are used.				
GS02	142	**Application Sender's Code** **Description:**	M	AN	2/15	Must use
		Code identifying party sending transmission; codes agreed to by trading partners				
GS03	124	**Application Receiver's Code** **Description:**	M	AN	2/15	Must use
		Code identifying party receiving transmission; codes agreed to by trading partners				
GS04	373	**Date** **Description:**	M	DT	8/8	Must use
		Date expressed as CCYYMMDD				
GS05	337	**Time** **Description:**	M	TM	4/8	Must use
		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)				
GS06	28	**Group Control Number** **Description:**	M	N0	1/9	Must use
		Assigned number originated and maintained by the				

sender

GS07	455	**Responsible Agency Code** **Description:**	M	ID	1/2	Must use

Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480

All valid standard codes are used.

GS08	480	**Version / Release / Industry Identifier Code** **Description:**	M	AN	1/12	Must use

Code indicating the version, release, sub release, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and sub release, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed

All valid standard codes are used.

ST Transaction Set Header

Pos: 010
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	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code** **Description:**	M	ID	3/3	Must use

  Code uniquely identifying a Transaction Set

  All valid standard codes are used.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST02	329	**Transaction Set Control Number** **Description:**	M	AN	4/9	Must use

  Identifying control number that must be unique within
  the transaction set functional group assigned by the
  originator for a transaction set

BIG Beginning Segment for Invoice

Pos: 020	**Max: 1**
Heading - Mandatory	
Loop: N/A	**Elements: 7**

User Option(Usage):   Must use

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BIG01	373	**Date** **Description:**	M	DT	8/8	Must use
		Date expressed as CCYYMMDD				
BIG02	76	**Invoice Number** **Description:**	M	AN	1/20	Must use
		Identifying number assigned by issuer				
BIG03	373	**Date** **Description:**	M	DT	8/8	Must use
		PO Date expressed as CCYYMMDD				
BIG04	324	**Purchase Order Number** **Description:**	M	N	1/6	Must use
		Identifying number for Purchase Order assigned by the orderer/purchaser				
BIG07	640	**Transaction Type Code** **Description:**	M	ID	2/2	Used
		Code specifying the type of transaction				

Code	Name
DR	Debit Memo

CUR **Currency**

User Option(Usage):   Must use

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CUR01	98	**Entity Identifier Code**	M	ID	2/3	Must use
		Description:				

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

Code	Name
ZZ	Mutually Defined

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CUR02	100	**Currency Code**	M	ID	3/3	Must use
		Description:				

Code (Standard ISO) for country in whose currency the charges are specified

USD   US Dollar

REF Reference Identification

User Option(Usage):   Must use

To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier** **Description:**	M	ID	2/3	Must use

Code qualifying the Reference Identification

Code	Name
IA	Internal Vendor Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF02	127	**Reference Identification** **Description:**	X	AN	1/30	Used

Reference information as defined for a particular
Transaction Set or as specified by the Reference
Identification Qualifier

Loop N1

<table>
<tr><td>Pos: 070</td></tr>
<tr><td>Repeat: 3</td></tr>
<tr><td>Mandatory</td></tr>
<tr><td>Loop: N1</td></tr>
<tr><td>Elements: N/A</td></tr>
</table>

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

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
070	N1	Name	M	1		Used
090	N3	Address Information	O	2		Used
100	N4	Geographic Location	O	1		Used

N1 Name

<table>
<tr><td>Pos: 070</td></tr>
<tr><td>Max: 1</td></tr>
<tr><td>Heading - Mandatory</td></tr>
<tr><td>Loop: N1</td></tr>
<tr><td>Elements: 4</td></tr>
</table>

User Option(Usage):   Used

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code** **Description:**	M	ID	2/3	Must use

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

Code	Name
BT	Bill-to-Party
RE	Party to receive invoice remittance
SF	Ship From
ST	Ship To

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N102	93	**Name** **Description:**	X	AN	1/60	Used

Free-form name

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N103	66	**Identification Code Qualifier** **Description:**	X	ID	1/2	Used

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

Code	Name
92	Assigned by Buyer or Buyer's Agent

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N104	67	**Identification Code** **Description:**	X	AN	2/80	Used

BT	Bill-to-Party
RE	Party to receive invoice remittance
SF	Ship From
ST	Ship To

Code identifying a party or other code

Code	Name
92	See below Appendix A

N3 Address Information

User Option(Usage):   Used

To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information** **Description:**	M	AN	1/55	Must use
		Address information				
N302	166	**Address Information** **Description:**	O	AN	1/55	Used
		Address information				

N4   Geographic Location

Pos: 100	
	Max: 1
Heading - Optional	
Loop: N1	
	Elements: 3

User Option(Usage):   Used

To specify the geographic place of the named party

Element Summary:

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

ITD Terms of Sale/Deferred Terms of Sale

Pos: 130

Max: >1

Heading - Mandatory

Loop: N/A

Elements: 3

User Option(Usage):   Used

To specify terms of sale

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ITD01	336	**Terms Type Code** **Description:**	M	ID	2/2	Used

Code identifying type of payment terms

		Code	**Name**			
		01	Basic			

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ITD02	333	**Terms Basis Date Code** **Description:**	M	ID	1/2	Used

Code identifying the beginning of the terms period

		Code	**Name**			
		3	Invoice Date			

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ITD03	338	**Terms Discount Percent**	M	R	1/6	Used

The discount percentage

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ITD04	370	**Terms Discount Due Date**	M	DT	8/8	Used

The date to pay the invoice by in which to receive the discount.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ITD05	351	**Terms Discount Days Due**	M	N0	1/6	Used

The number of days in which to pay to receive the discount.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ITD07	386	**Terms Net Days** **Description:**	M	N0	1/3	Used

Number of days until total invoice amount is due (discount not applicable)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ITD12	352	**Terms Description**	M	AN	1/80	Used

Free-form description field

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ITD13	765	**Day of Month**	O	N0	1/2	Used

Day of the month when payment should be made to receive the discount.

DTM Date/Time Reference

Pos: 140	
	Max: 1
Heading - Mandatory	
Loop: N/A	
	Elements: 2

User Option(Usage):   Must use

To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	374	**Date/Time Qualifier** **Description:**	M	ID	3/3	Must use

Code specifying type of date or time, or both date and time

	Code	Name
	011	Shipped

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM02	373	**Date** **Description:**	X	DT	8/8	Used

Date expressed as CCYYMMDD

Loop IT1

Pos: 010	
	Repeat: 200000
	Mandatory
Loop: IT1	
	Elements: N/A

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

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
010	IT1	Baseline Item Data (Invoice)	M	1		Must use

IT1   Baseline Item Data (Invoice)

<table>
<tr><td>Pos: 010</td><td></td></tr>
<tr><td></td><td>Max: 1</td></tr>
<tr><td colspan="2">Detail - Mandatory</td></tr>
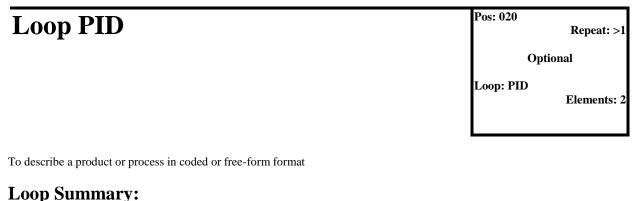<tr><td>Loop: IT1</td><td></td></tr>
<tr><td></td><td>Elements: 8</td></tr>
</table>

User Option(Usage):   Must use

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IT101	350	**Assigned Identification**	M	N	1/4	Must use
		Description:				
		Alphanumeric characters assigned for differentiation within a transaction set				
IT102	358	**Quantity Invoiced**	X	R	1/10	Must use
		Description:				
		Number of units invoiced (supplier units)				
IT103	355	**Unit or Basis for Measurement Code**	X	ID	2/2	Must use
		Description:				
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				

Code	Name
EA	Each

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IT104	212	**Unit Price**	X	R4	1/17	Must use
		Description:				
		Price per unit of product, service, commodity, etc. as indicated on the PO sent via EDI.				
IT106	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description:				
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)				

Code	Name
CB	Buyer's Catalog Number
VP	Vendor's (Seller's) Part Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IT107	234	**Product/Service ID**	X	AN	1/48	Must use
		Description:				
		Identifying number for a product or service				

IT108	235	**Product/Service ID Qualifier** **Description:**	X	ID	2/2	Used

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

<u>Code</u>   **<u>Name</u>**
CB   Buyer's Catalog Number
VP   Vendor's (Seller's) Part Number

IT109	234	**Product/Service ID** **Description:**	X	AN	1/48	Used

Identifying number for a product or service

Loop PID

Pos: 020	
	Repeat: >1
	Optional
Loop: PID	
	Elements: 2

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

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
020	PID	Production / Item Description	O	200000		Used

PID Product / Item Description

<table>
<tr><td>Pos: 020</td></tr>
<tr><td>Max: >1</td></tr>
<tr><td>Summary – Optional</td></tr>
<tr><td>Loop: PID</td></tr>
<tr><td>Elements: 2</td></tr>
</table>

User Option(Usage):   Must use

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PID01	349	**Item Descrption Type**	M	A	1/1	Must use

Code identifying the Product / Item Defined

Code	Name
F	Free Form

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PID05	352	**Description**	O	A	1/80	Must use

Description of the Product / Item

TDS Total Monetary Value Summary

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

User Option(Usage):   Must use

To specify the total invoice discounts and amounts

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TDS01	610	**Amount**	M	N2	1/15	Must use
		Description:				

   Monetary amount

Loop SAC

Pos: 040	
	Repeat: 25
Optional	
Loop: SAC	
	Elements: N/A

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

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
040	SAC	Service, Promotion, Allowance, or Charge Information	O	1		Used

SAC Service, Promotion, Allowance, or Charge Information

Pos: 040	
	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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC01	248	**Allowance or Charge Indicator** **Description:**	M	ID	1/1	Must use

Code which indicates an allowance or charge for the service specified

Code	Name
A	Allowance
C	Charge
S	Service

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC02	1300	**Service, Promotion, Allowance, or Charge Code** **Description:**	X	ID	4/4	Used

Code identifying the service, promotion, allowance, or charge

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC05	610	**Amount** **Description:**	O	N2	1/15	Used

Monetary amount

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC07	332	**Percent** **Description:**	O	R	1/6	Used

Percentage Amount

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC15	352	**Description** **Description:**	O	AN	1/80	Used

Free-form text field describing the SAC segment

TXI Tax Information

Pos: 050	
	Max: 10
Summary - Optional	
Loop: SAC	
	Elements: 2

User Option(Usage):   Used

To specify tax information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TXI01	963	**Tax Type Code** **Description:**	M	ID	2/2	Must use

Code specifying the type of tax

Code	Name
ZZ	Mutually Defined

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TXI02	782	**Monetary Amount** **Description:**	X	R	1/18	Used

Monetary amount

CTT Transaction Totals

Pos: 070	**Max: 1**
Summary - Optional	
Loop: N/A	**Elements: 2**

User Option(Usage):   Used

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT01	354	**Number of Line Items** **Description:**	M	N0	1/6	Must use
		Total number of line items in the transaction set				
CTT02	347	**Hash Total** **Description:**	O	R	1/10	Used

    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.

SE   Transaction Set Trailer

Pos: 080

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:

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

GE Functional Group Trailer

<table>
<tr><td>Pos:</td><td>Max: 1</td></tr>
<tr><td colspan="2">Not Defined - Mandatory</td></tr>
<tr><td>Loop: N/A</td><td>Elements: 2</td></tr>
</table>

User Option(Usage):   Must use

To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included** **Description:**	M	N0	1/6	Must use
		Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element				
GE02	28	**Group Control Number** **Description:**	M	N0	1/9	Must use
		Assigned number originated and maintained by the sender				

IEA Interchange Control Trailer

Pos:	
	Max: 1
Not Defined - Mandatory	
Loop: N/A	
	Elements: 2

User Option(Usage):   Must use

To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups** **Description:**	M	N0	1/5	Must use
		A count of the number of functional groups included in an interchange				
IEA02	I12	**Interchange Control Number** **Description:**	M	N0	9/9	Must use
		A control number assigned by the interchange sender				

Appendix A:
Ship-To Identifiers

ISN Warehouse Code	Description	City	State	Zipcode
ASH1	MAIN INVENTORY	ASHLAND	VA	23005
ASHD	DIRECT/DROPSHIP	ASHLAND	VA	23005
ASHS	SPECIAL ORDERS	ASHLAND	VA	23005
ATL1	MAIN INVENTORY	STONE MOUNTAIN	GA	30083
ATLD	DIRECT/DROPSHIP	STONE MOUNTAIN	GA	30083
ATLS	SPECIAL ORDERS	STONE MOUNTAIN	GA	30083
BAL1	MAIN INVENTORY	ELKRIDGE	MD	21075
BALD	DIRECT/DROPSHIP	BALTIMORE	MD	21227
BALS	SPECIAL ORDERS	ELKRIDGE	MD	21075
DAL1	MAIN INVENTORY	CARROLLTON	TX	75006
DALD	DIRECT/DROPSHIP	CARROLLTON	TX	75006
DALS	SPECIAL ORDERS	CARROLLTON	TX	75006
FORD	FORD DROP SHIP	LAKELAND	FL	33805
FRS1	FRS MAIN INV	FRESNO	CA	93725
FRSD	DIRECT/DROPSHIP	FRESNO	CA	93725
FRSS	SPECIAL ORDERS	FRESNO	CA	93725
FTW1	MAIN INV	FORT WAYNE	IN	46808
FTWD	FT WAYNE DROP	FORT WAYNE	IN	46808
FTWS	FT WAYNE SPEC	FORT WAYNE	IN	46808
LAK1	LAK MAIN INV	LAKELAND	FL	33805
LAKD	DIRECT/DROPSHIP	LAKELAND	FL	33805
LAKS	SPECIAL ORDERS	LAKELAND	FL	33805
ORL1	ORL MAIN	ORDLANDO	FL	32804
ORLD	DIRECT/DROPSHIP	ORLANDO	FL	32804
WSC1	WSC MAIN INV	WEST SACRAMENTO	CA	95605
WSCD	DIRECT/DROPSHIP	WEST SACRAMENTO	CA	95605
WSCS	SPECIAL ORDERS	WEST SACRAMENTO	CA	95605

Example:

```
ISA*00*      *00*      *01*XXXXXXXXX    *ZZ*8721        *050429*0627*U*00401*000000202*0*P*:
GS*IN*XXXXXXXXX*8721*20050429*0627*202*X*004010
ST*810*2020008
BIG*20050428*5000233*20050422*P546906***DR
CUR*ZZ*USD
REF*IA*DAN002
N1*ST*BOB SMITH*92*ASHD
N3*1212 MAIN ST
N4*GASTON*NC*27832
N1*BT*ISN-INTEGRATED SUPPLY NETWORK
N3*INTEGRATED SUPPLY NETWORK*PO BOX 90009
N4*LAKELAND*FL*33804-0009
N1*RE*SUPPLIER NAME
N3*1212 MAIN ST
N4*CHICAGO*IL*60693
ITD*01*3*4.000*20050508********4% 10 DAYS
DTM*011*20050428
IT1*1*2*EA*73.61**CB*M28-424*VP*28-424
PID*F****DESC1
IT1*2*1*EA*22**CB*25-488*VP*25-488
PID*F****DESC2
TDS*17756
SAC*C*D240***834**********SHIPPING & HANDLING
SAC*A*E300***100**********EDI DISCOUNT
CTT*2*3
SE*24*2020008
GE*1*202
IEA*1*000000202
```