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.

Notes:

3/070   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.

A Single document/invoice number must be presented for each ASN/PO combination.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes
	ISA	Interchange Control Header	M	1		
	GS	Functional Group Header	M	1		

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes
010	ST	Transaction Set Header	M	1		
020	BIG	Beginning Segment for Invoice	M	1		
050	REF	Reference Identification - Original Invoice	C	1		
050	REF	Reference Identification - Merchandise type	M	1		
070	N1	Name (Vendor)	M	1		
070	N1	Name (Ship To)	M	1		
140	DTM	Date/Time Reference	M	1		

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes
LOOP ID - IT1					200000	
010	IT1	Baseline Item Data (Invoice)	M	1		
180	SAC	Service, Promotion, Allowance, or Charge Information	C	1		

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes
010	TDS	Total Monetary Value Summary	M	1		
040	SAC	Service, Promotion, Allowance, or Charge Information (Freight Charge)	C	1		
040	SAC	Service, Promotion, Allowance, or Charge Information (Misc. Charges)	C	1		
070	CTT	Transaction Totals	M	1		N3/070
080	SE	Transaction Set Trailer	M	1		

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes
	GE	Functional Group Trailer	M	1		
	IEA	Interchange Control Trailer	M	1		

ISA   Interchange Control Header

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

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:** Code identifying the type of information in the Authorization Information	M	ID	2/2	Must use

Code	Name
00	No Authorization Information Present (No Meaningful Information in I02)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA02	I02	**Authorization Information** **Description:** 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)	M	AN	10/10	Must use
ISA03	I03	**Security Information Qualifier** **Description:** Code identifying the type of information in the Security Information	M	ID	2/2	Must use

Code	Name
00	No Security Information Present (No Meaningful Information in I04)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA04	I04	**Security Information** **Description:** 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)	M	AN	10/10	Must use
ISA05	I05	**Interchange ID Qualifier** **Description:** Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified	M	ID	2/2	Must use
ISA06	I06	**Interchange Sender ID** **Description:** 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	M	AN	15/15	Must use
ISA07	I05	**Interchange ID Qualifier** **Description:** Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **Usage:** Finlay's Receiver ID Qualifier is 01	M	ID	2/2	Must use

Code	Name
01	Duns (Dun & Bradstreet)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA08	I07	**Interchange Receiver ID** **Description:** 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 **Usage:** Finlay's Receiver ID is 196146716	M	AN	15/15	Must use
ISA09	I08	**Interchange Date** **Description:** Date of the interchange	M	DT	6/6	Must use
ISA10	I09	**Interchange Time** **Description:** Time of the interchange	M	TM	4/4	Must use
ISA11	I65	**Repetition Separator**	M		1/1	Must use

Description: Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator

ISA12	I11	**Interchange Control Version Number** **Description:** Code specifying the version number of the interchange control segments	M	ID	5/5	Must use
ISA13	I12	**Interchange Control Number** **Description:** A control number assigned by the interchange sender	M	N0	9/9	Must use
ISA14	I13	**Acknowledgment Requested** **Description:** Code indicating sender's request for an interchange acknowledgment **All valid standard codes are used.**	M	ID	1/1	Must use
ISA15	I14	**Interchange Usage Indicator** **Description:** Code indicating whether data enclosed by this interchange envelope is test, production or information	M	ID	1/1	Must use

Code	**Name**
P	Production Data
T	Test Data

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

GS   Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	**Elements: 8**

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:** Code identifying a group of application related transaction sets	M	ID	2/2	Must use

    Code   **Name**
    IN   Invoice Information (810)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS02	142	**Application Sender's Code** **Description:** Code identifying party sending transmission; codes agreed to by trading partners	M	AN	2/15	Must use
GS03	124	**Application Receiver's Code** **Description:** Code identifying party receiving transmission; codes agreed to by trading partners **Usage:** Finlay's Application Receiver ID is 196146716	M	AN	2/15	Must use
GS04	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M	DT	8/8	Must use
GS05	337	**Time** **Description:** 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)	M	TM	4/8	Must use
GS06	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use
GS07	455	**Responsible Agency Code** **Description:** Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480	M	ID	1/2	Must use

    Code   **Name**
    X   Accredited Standards Committee X12

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS08	480	**Version / Release / Industry Identifier Code** **Description:** Code indicating the version, release, subrelease, 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 subrelease, 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	M	AN	1/12	Must use

    Code   **Name**
    004010   Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997

ST   **Transaction Set Header**

Pos: 010   Max: 1
Heading - Mandatory
Loop: N/A   Elements: 2

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:** Code uniquely identifying a Transaction Set	M	ID	3/3	Must use

Code	Name
810	Invoice

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST02	329	**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	M	AN	4/9	Must use

BIG   Beginning Segment for Invoice

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

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

Usage:

Segment Example
BIG|20030515|03189404|20030318|1234567~

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BIG01	373	**Date** **Description:** Date expressed as CCYYMMDD	M	DT	8/8	Must use
BIG02	76	**Invoice Number** **Description:** Identifying number assigned by issuer	M	AN	1/22	Must use
BIG03	373	**Date** **Description:** Date expressed as CCYYMMDD	C	DT	8/8	Used
BIG04	324	**Purchase Order Number** **Description:** Identifying number for Purchase Order assigned by the orderer/purchaser	M	AN	7/7	Must use
BIG05	328	**Release Number** **Description:** Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction	O	AN	1/30	Not used
BIG06	327	**Change Order Sequence Number** **Description:** Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set	O	AN	1/8	Not used
BIG07	640	**Transaction Type Code** **Description:** Code specifying the type of transaction	C	ID	2/2	Used

Code	Name
AS	Shipment Advice
ME	Memorandum

6

REF Reference Identification - Original Invoice

Pos: 050	**Max: 1**
Heading - Conditional	
Loop: N/A	**Elements: 2**

To specify identifying information

Usage:

This instance (1 of 2) of the REF segment is for the INVOICE REFERENCE NUMBER and is mandatory only when the invoice number in the BIG02 of this document is not what was sent in the REF IV segment of the 856 ASN. The INVOICE REFERENCE NUMBER used here must match the value sent in the REF OI of the 856 ASN.

Segment Example
REF|OI|03189404~

Element Summary:

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

Code	**Name**
OI	Original Invoice Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF02	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **Usage:** Must match the invoice reference number used in the REF OI segment of the 856 ASN sent to Finlay for this shipment.	C	AN	1/30	Used

REF   Reference Identification - Merchandise type

Pos: 050	**Max: 1**
Heading - Mandatory	
Loop: N/A	**Elements: 2**

To specify identifying information

Usage:

This instance (2 of 2) of the REF segment is for the MERCHANDISE TYPE.

Segment Example
REF|MR|A~

Element Summary:

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

Code	Name
MR	Merchandise Type Code

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF02	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **Usage:** Merchandise type code - A(asset) or M(memo).	C	AN	1/30	Used

N1   Name (Vendor)

Pos: 070   **Max: 1**
Heading - Mandatory
Loop: N/A   Elements: 4

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

Usage:

This instance (1 of 3) of the N1 segment is for the VENDOR INFORMATION
Segment Example
N1|VN|SHINY THINGS INC|92|333666~

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual	M	ID	2/3	Must use

Code	Name
VN	Vendor

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N102	93	**Name** **Description:** Free-form name	O	AN	1/60	Used
N103	66	**Identification Code Qualifier** **Description:** Code designating the system/method of code structure used for Identification Code (67)	M	ID	1/2	Must use

Code	Name
92	Assigned by Buyer or Buyer's Agent

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N104	67	**Identification Code** **Description:** Code identifying a party or other code **Usage:** Vendor # assigned by Finlay. This value is provided by Finlay in the "IA" qualified REF02 element in the 850 Purchase Order.	M	AN	6/6	Must use

N1   Name (Ship To)

Pos: 070	Max: 1
Heading - Mandatory	
Loop: N/A	**Elements: 4**

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

Usage:

This instance (2 of 3) of the N1 segment is for the SHIP TO INFORMATION
Segment Example
N1|ST|FDC|92|002000~

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual	M	ID	2/3	Must use

Code	Name
ST	Ship To

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N102	93	**Name** **Description:** Free-form name	O	AN	1/60	Used
N103	66	**Identification Code Qualifier** **Description:** Code designating the system/method of code structure used for Identification Code (67)	M	ID	1/2	Must use

Code	Name
92	Assigned by Buyer or Buyer's Agent

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N104	67	**Identification Code** **Description:** Code identifying a party or other code **Usage:** Location (group/branch or distribution center) ID# identifying Finlay's "Ship To" location. This value is provided by Finlay in a "ST" qualified N104 element in the 850 Purchase Order.	M	AN	6/6	Must use

DTM   Date/Time Reference

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

To specify pertinent dates and times

Usage:

To specify the date shipped.

Segment Example
DTM|011|20030514~

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	374	**Date/Time Qualifier** **Description:** Code specifying type of date or time, or both date and time	M	ID	3/3	Must use

Code	Name
011	Shipped

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM02	373	**Date** **Description:** Date expressed as CCYYMMDD	C	DT	8/8	Used

IT1   **Baseline Item Data (Invoice)**

Pos: 010	Max: 1
Detail - Mandatory	
Loop: IT1	Elements: 9

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

Usage:

Segment Example
IT1|0001|5|EA|175||VA|G0310|IT|260001318~

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IT101	350	**Assigned Identification** **Description:** Alphanumeric characters assigned for differentiation within a transaction set	O	AN	1/20	Used
IT102	358	**Quantity Invoiced** **Description:** Number of units invoiced (supplier units)	M	R	1/10	Must use
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	M	ID	2/2	Must use
		Code **Name** EA Each				
IT104	212	**Unit Price** **Description:** Price per unit of product, service, commodity, etc.	M	R	1/17	Must use
IT105	639	**Basis of Unit Price Code** **Description:** Code identifying the type of unit price for an item	O	ID	2/2	Not used
IT106	235	**Product/Service ID Qualifier** **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234)	M	ID	2/2	Must use
		Code **Name** VA Vendor's Style Number				
IT107	234	**Product/Service ID** **Description:** Identifying number for a product or service **Usage:** Vendors Style #	M	AN	1/40	Must use
IT108	235	**Product/Service ID Qualifier** **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234)	M	ID	2/2	Must use
		Code **Name** IT Buyer's Style Number				
IT109	234	**Product/Service ID** **Description:** Identifying number for a product or service **Usage:** Finlay's sku #	M	AN	9/9	Must use

SAC Service, Promotion, Allowance, or Charge Information

Pos: 180	**Max: 1**
Detail - Conditional	
Loop: IT1	**Elements: 6**

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

Usage:

This segment is required for "Gold Lease vendors" to specify Gold Cost and Gram Weight.

Segment Example
SAC|R|D330|2500|1200|GR|34000~

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC01	248	**Allowance or Charge Indicator** **Description:** Code which indicates an allowance or charge for the service specified	M	ID	1/1	Must use
		Code **Name** R Allowance Request				
SAC02	1300	**Service, Promotion, Allowance, or Charge Code** **Description:** Code identifying the service, promotion, allowance, or charge	C	ID	4/4	Used
		Code **Name** D330 Gold Factor				
SAC05	610	**Amount** **Description:** Monetary amount	M	R	1/15	Must use
SAC08	118	**Rate** **Description:** Rate expressed in the standard monetary denomination for the currency specified	C	R	1/9	Used
SAC09	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	C	ID	2/2	Used
		Code **Name** GR Gram				
SAC10	380	**Quantity** **Description:** Numeric value of quantity	M	R	1/15	Must use

TDS   Total Monetary Value Summary

Pos: 010	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

To specify the total invoice discounts and amounts

Usage:

Segment Example
TDS|87500|87500~

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TDS01	610	**Amount**	M	N2	1/15	Must use
		Description: Monetary amount				
		Usage: Total invoice amount				
TDS02	610	**Amount**	M	N2	1/15	Must use
		Description: Monetary amount				
		Usage: Total invoice monetary amount prior to charges and allowances (total merchandise cost only).				

SAC

Service, Promotion, Allowance, or Charge Information (Freight Charge)

Pos: 040   **Max: 1**
Summary - Conditional
Loop: N/A   **Elements: 3**

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

Usage:

To specify Freight charge information

Segment Example
SAC|D|D240|3100~

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC01	248	**Allowance or Charge Indicator** **Description:** Code which indicates an allowance or charge for the service specified	M	ID	1/1	Must use

Code	Name
C	Charge

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC02	1300	**Service, Promotion, Allowance, or Charge Code** **Description:** Code identifying the service, promotion, allowance, or charge	C	ID	4/4	Used

Code	Name
D240	Freight

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

SAC Service, Promotion, Allowance, or Charge Information (Misc. Charges)

Pos: 040	**Max: 1**
Summary - Conditional	
Loop: N/A	**Elements: 3**

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

Usage:

To specify Miscellaneous charge information

Segment Example
SAC|A|C310|2300~

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC01	248	**Allowance or Charge Indicator** **Description:** Code which indicates an allowance or charge for the service specified	M	ID	1/1	Must use

Code	Name
A	Allowance

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC02	1300	**Service, Promotion, Allowance, or Charge Code** **Description:** Code identifying the service, promotion, allowance, or charge	C	ID	4/4	Used

Code	Name
C310	Discount

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

CTT   **Transaction Totals**

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

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

Usage:

Segment Example
CTT|1|5~

Element Summary:

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

SE   Transaction Set Trailer

Pos: 080	Max: 1
Summary - Mandatory	
Loop: N/A	**Elements: 2**

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:** Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Must use
SE02	329	**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	M	AN	4/9	Must use

GE   Functional Group Trailer

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

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:** Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	M	N0	1/6	Must use
GE02	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use

IEA Interchange Control Trailer

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

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:** A count of the number of functional groups included in an interchange	M	N0	1/5	Must use
IEA02	I12	**Interchange Control Number** **Description:** A control number assigned by the interchange sender	M	N0	9/9	Must use