Indigo

Indigo Books & Music Inc. - Trade Drop Ship

X12/V4010/810 : 810 Invoice

Version: 2 Final

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Company:	**Indigo Books & Music Inc.**
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810   Invoice

Functional Group=IN

Purpose: 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.

Not Defined:

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

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
010	ST	Transaction Set Header	M	1			Must use
020	BIG	Beginning Segment for Invoice	M	1			Must use
040	CUR	Currency	M	1			Must use
050	REF	Reference Identification	M	12			Must use
LOOP ID - N1					**200**		
070	N1	Name	M	1			Must use
080	N2	Additional Name Information	M	2			Must use
090	N3	Address Information	M	2			Must use
100	N4	Geographic Location	M	1			Must use
140	DTM	Date/Time Reference	M	10			Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - IT1					**200000**		
010	IT1	Baseline Item Data (Invoice)	M	1			Must use
LOOP ID - PID					**1000**		
060	PID	Product/Item Description	M	1			Dependent

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
010	TDS	Total Monetary Value Summary	M	1			Must use
020	TXI	Tax Information	M	10			Used
LOOP ID - SAC					**25**		
040	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used
070	CTT	Transaction Totals	M	1		N3/070	Must use
080	SE	Transaction Set Trailer	M	1			Must use

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.

User Note 1:

Change History:

July 2021:

Added note for Invoice Number in BIG02 " alphanumeric only, no special characters accepted".

ISA Interchange Control Header

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

User Option (Usage): Must use

Purpose: 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**	M	ID	2/2	Must use

Description: Code to identify the type of information in the Authorization Information
All valid standard codes are used. (Total Codes: 7)

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

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)

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

Description: Code to identify the type of information in the Security Information
All valid standard codes are used. (Total Codes: 2)

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

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)

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

Description: 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. (Total Codes: 38)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA06	I06	**Interchange Sender ID**	M	AN	15/15	Must use

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA07	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use

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

User Note 1:

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All valid standard codes are used. (Total Codes: 38)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA08	I07	**Interchange Receiver ID**	M	AN	15/15	Must use

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

User Note 1:

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Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA09	I08	**Interchange Date**	M	DT	6/6	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Description: Date of the interchange				
ISA10	I09	**Interchange Time**	M	TM	4/4	Must use
		Description: Time of the interchange				
ISA11	I10	**Interchange Control Standards Identifier**	M	ID	1/1	Must use

Description: 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. (Total Codes: 1)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA12	I11	**Interchange Control Version Number**	M	ID	5/5	Must use

Description: Code specifying the version number of the interchange control segments

Code List Summary (Total Codes: 14, Included: 1)

Code	Name
00401	Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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. (Total Codes: 2)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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. (Total Codes: 3)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

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

User Option (Usage): Must use

Purpose: 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**	M	ID	2/2	Must use

Description: Code identifying a group of application related transaction sets

Code List Summary (Total Codes: 240, Included: 1)

Code	Name
IN	Invoice Information (810,819)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS02	142	**Application Sender's Code**	M	AN	2/15	Must use

Description: Code identifying party sending transmission; codes agreed to by trading partners

| GS03 | 124 | **Application Receiver's Code** | M | AN | 2/15 | Must use |

Description: Code identifying party receiving transmission; codes agreed to by trading partners

User Note 1:

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| GS04 | 373 | **Date** | M | DT | 8/8 | Must use |

Description: Date expressed as CCYYMMDD

| GS05 | 337 | **Time** | M | TM | 4/8 | Must use |

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)

| GS06 | 28 | **Group Control Number** | M | N0 | 1/9 | Must use |

Description: Assigned number originated and maintained by the sender

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

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

All valid standard codes are used. (Total Codes: 2)

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

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

Code List Summary (Total Codes: 39, Included: 1)

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

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST   Transaction Set Header

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

User Option (Usage): Must use

Purpose: 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**	M	ID	3/3	Must use

Description: Code uniquely identifying a Transaction Set

Code List Summary (Total Codes: 298, Included: 1)

Code	Name
810	Invoice

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST02	329	**Transaction Set Control Number**	M	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

Semantics:

1. The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

BIG Beginning Segment for Invoice

Pos: 020	**Max: 1**
Heading - Mandatory	
Loop: N/A	**Elements: 3**

User Option (Usage): Must use

Purpose: 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**	M	DT	8/8	Must use

Description: Date expressed as CCYYMMDD

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BIG02	76	**Invoice Number**	M	AN	1/22	Must use

Description: Identifying number assigned by issuer

User Note 1: *Invoice Number is a maximum of 22 characters (Min/Max = 1/22)*

Alphanumeric only, no special characters accepted.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BIG04	324	**Purchase Order Number**	M	AN	1/22	Must use

Description: Identifying number for Purchase Order assigned by the orderer/purchaser

User Note 1:

Min/Max = 10/10, numeric

Semantics:

1. BIG01 is the invoice issue date.
2. BIG03 is the date assigned by the purchaser to purchase order.

CUR Currency

Pos: 040	**Max: 1**
Heading - Mandatory	
Loop: N/A	**Elements: 2**

User Option (Usage): Must use

Purpose: 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 List Summary (Total Codes: 1312, Included: 1)

Code	Name
SE	Selling Party

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

User Note 1:

CAD = Canada

USD = US

GBP = Great Britain Pound

EUR = European

Comments:

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

REF   Reference Identification

Pos: 050	Max: 12
Heading - Mandatory	
Loop: N/A	**Elements: 2**

User Option (Usage): Must use

Purpose: To specify identifying information

Element Summary:

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

Description: Code qualifying the Reference Identification

Code List Summary (Total Codes: 1503, Included: 4)

Code	Name
BM	Bill of Lading Number
IA	Internal Vendor Number
PK	Packing List Number
VN	Vendor Order Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF02	127	**Reference Identification**	M	AN	1/30	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.

Loop Name

Pos: 070	Repeat: 200
Mandatory	
Loop: N1	**Elements: N/A**

User Option (Usage): Must use

Purpose: 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		Must use
080	N2	Additional Name Information	M	2		Must use
090	N3	Address Information	M	2		Must use
100	N4	Geographic Location	M	1		Must use

N1   Name

<div style="border:1px solid black">

Pos: 070   **Max: 1**

Heading - Mandatory

Loop: N1   **Elements: 4**

</div>

User Option (Usage): Must use

Purpose: 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**	M	ID	2/3	Must use

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

Code List Summary (Total Codes: 1312, Included: 3)

Code	Name
BT	Bill-to-Party
ST	Ship To
VN	Vendor

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N102	93	**Name**	M	AN	1/60	Must use

Description: Free-form name

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N103	66	**Identification Code Qualifier**	M	ID	1/2	Must use

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

User Note 1:

1 D-U-N-S Number, Dun & Bradstreet = 9 characters

15 Standard Address Number (SAN) = 7 characters

Code List Summary (Total Codes: 215, Included: 2)

Code	Name
1	D-U-N-S Number, Dun & Bradstreet
15	Standard Address Number (SAN)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N104	67	**Identification Code**	M	AN	2/80	Must use

Description: Code identifying a party or other code

User Note 1:

The D-U-N-S Number is mandatory when the N101 = BT

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.

N2 Additional Name Information

<table>
<tr><td>Pos: 080</td><td>Max: 2</td></tr>
<tr><td colspan="2">Heading - Mandatory</td></tr>
<tr><td>Loop: N1</td><td>Elements: 2</td></tr>
</table>

User Option (Usage): Must use

Purpose: To specify additional names or those longer than 35 characters in length

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N201	93	**Name**	M	AN	1/60	Must use
		Description: Free-form name				
N202	93	**Name**	O	AN	1/60	Used
		Description: Free-form name				

N3   Address Information

<table>
<tr><td>Pos: 090</td><td>Max: 2</td></tr>
<tr><td colspan="2">Heading - Mandatory</td></tr>
<tr><td>Loop: N1</td><td>Elements: 2</td></tr>
</table>

User Option (Usage): Must use
Purpose: To specify the location of the named party

Element Summary:

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

N4   Geographic Location

Pos: 100	**Max: 1**
Heading - Mandatory	
Loop: N1	**Elements: 4**

User Option (Usage): Must use

Purpose: To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name**	M	AN	2/30	Must use

Description: Free-form text for city name

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N402	156	**State or Province Code**	M	ID	2/2	Must use

Description: Code (Standard State/Province) as defined by appropriate government agency

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N403	116	**Postal Code**	M	ID	3/15	Must use

Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N404	26	**Country Code**	M	ID	2/3	Must use

Description: Code identifying the country

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.

DTM Date/Time Reference

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Pos: 140   **Max: 10**

Heading - Mandatory

Loop: N/A   Elements: 2

</div>

User Option (Usage): Must use
Purpose: To specify pertinent dates and times

Element Summary:

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

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

Code List Summary (Total Codes: 1112, Included: 1)

Code	Name
011	Shipped

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM02	373	**Date**	M	DT	8/8	Must use

Description: Date expressed as CCYYMMDD

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.

Loop Baseline Item Data (Invoice)

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

User Option (Usage): Must use

Purpose: 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
060		Loop PID	M		1000	Must use

IT1 Baseline Item Data (Invoice)

Pos: 010	Max: 1
Detail - Mandatory	
Loop: IT1	**Elements: 13**

User Option (Usage): Must use

Purpose: 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	AN	1/20	Must use

Description: Alphanumeric characters assigned for differentiation within a transaction set

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IT102	358	**Quantity Invoiced**	M	R	1/10	Must use

Description: Number of units invoiced (supplier units)

User Note 1: *Must be a whole number*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IT103	355	**Unit or Basis for Measurement Code**	M	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 List Summary (Total Codes: 794, Included: 1)

Code	Name
EA	Each

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IT104	212	**Unit Price**	M	R	1/17	Must use

Description: Price per unit of product, service, commodity, etc.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IT105	639	**Basis of Unit Price Code**	M	ID	2/2	Must use

Description: Code identifying the type of unit price for an item

Code List Summary (Total Codes: 91, Included: 1)

Code	Name
NT	Net

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IT106	235	**Product/Service ID Qualifier**	M	ID	2/2	Must use

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

Code List Summary (Total Codes: 477, Included: 2)

Code	Name
EN	European Article Number (EAN) (2-5-5-1)
UP	U.P.C. Consumer Package Code (1-5-5-1)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IT107	234	**Product/Service ID**	M	AN	1/48	Must use

Description: Identifying number for a product or service

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IT108	235	**Product/Service ID Qualifier**	M	ID	2/2	Must use

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

Code List Summary (Total Codes: 477, Included: 1)

		Code Name				
		MG Manufacturer's Part Number				
IT109	234	**Product/Service ID**	M	AN	1/48	Must use
		Description: Identifying number for a product or service				
IT110	235	**Product/Service ID Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		Code List Summary (Total Codes: 477, Included: 1)				
		Code Name				
		PO Purchase Order Number				
IT111	234	**Product/Service ID**	M	AN	1/48	Not used
		Description: Identifying number for a product or service				
IT112	235	**Product/Service ID Qualifier**	O	ID	2/2	Not used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		Code List Summary (Total Codes: 477, Included: 1)				
		Code Name				
		IB International Standard Book Number (ISBN)				
IT113	234	**Product/Service ID**	O	AN	1/48	Not used
		Description: Identifying number for a 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.

Semantics:

1. IT101 is the purchase order line item identification.

Comments:

1. Element 235/234 combinations should be interpreted to include products and/or services. See the Data Dictionary for a complete list of IDs.
2. IT106 through IT125 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Loop Product/Item Description

Pos: 060	Repeat: 1000
Mandatory	
Loop: PID	**Elements: N/A**

User Option (Usage): Must use

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

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
060	PID	Product/Item Description	M	1		Dependent

PID   Product/Item Description

User Option (Usage): Dependent

Purpose: 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 Description Type**	M	ID	1/1	Must use

Description: Code indicating the format of a description

Code List Summary (Total Codes: 3, Included: 1)

Code	Name
F	Free-form

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

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

Syntax Rules:

1. R0405 - At least one of PID04 or PID05 is required.

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.

TDS **Total Monetary Value Summary**

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

User Option (Usage): Must use

Purpose: 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
>
> **User Note 1:**
>
> *Decimal implied only - Do NOT use decimals*

Semantics:

1. TDS01 is the total amount of invoice (including charges, less allowances) before terms discount (if discount is applicable).

TXI Tax Information

<table>
<tr><td>Pos: 020</td><td>Max: 10</td></tr>
<tr><td colspan="2">Summary - Mandatory</td></tr>
<tr><td>Loop: N/A</td><td>Elements: 2</td></tr>
</table>

User Option (Usage): Used
Purpose: To specify tax information

Element Summary:

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

Description: Code specifying the type of tax

Code List Summary (Total Codes: 74, Included: 2)

Code	Name
GS	Goods and Services Tax
SP	State/Provincial Tax

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TXI02	782	**Monetary Amount**	M	R	1/18	Must use

Description: Monetary amount

User Note 1:

Decimal required in Amount

Syntax Rules:

1. R020306 - At least one of TXI02, TXI03 or TXI06 is required.

Semantics:

1. TXI02 is the monetary amount of the tax.

Loop Service, Promotion, Allowance, or Charge Information

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

User Option (Usage): Used

Purpose: 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: 4**

User Option (Usage): Used

Purpose: 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**	M	ID	1/1	Must use

Description: Code which indicates an allowance or charge for the service specified

Code List Summary (Total Codes: 7, Included: 1)

Code	Name
C	Charge

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC02	1300	**Service, Promotion, Allowance, or Charge Code**	M	ID	4/4	Must use

Description: Code identifying the service, promotion, allowance, or charge

User Note 1:
***** INDIGO SAC02 Charge Code usage*****
D240 is used for Shipping and Handling Charges
G830 is used for Freight Charges

A010 added for future use only

Code List Summary (Total Codes: 1053, Included: 3)

Code	Name
A010	Absolute Minimum Charge
D240	Freight
G830	Shipping and Handling

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC05	610	**Amount**	M	N2	1/15	Must use

Description: Monetary amount

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC12	331	**Allowance or Charge Method of Handling Code**	M	ID	2/2	Must use

Description: Code indicating method of handling for an allowance or charge

Code List Summary (Total Codes: 22, Included: 1)

Code	Name
06	Charge to be Paid by Customer

Syntax Rules:

1. R0203 - At least one of SAC02 or SAC03 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.

CTT Transaction Totals

<table>
<tr><td>Pos: 070</td><td>Max: 1</td></tr>
<tr><td colspan="2">Summary - Mandatory</td></tr>
<tr><td>Loop: N/A</td><td>Elements: 1</td></tr>
</table>

User Option (Usage): Must use

Purpose: 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**	M	N0	1/6	Must use

        Description: Total number of line items in the transaction set

Comments:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

SE   Transaction Set Trailer

<table>
<tr><td>Pos: 080</td><td>Max: 1</td></tr>
<tr><td colspan="2">Summary - Mandatory</td></tr>
<tr><td>Loop: N/A</td><td>Elements: 2</td></tr>
</table>

User Option (Usage): Must use

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use

Description: Total number of segments included in a transaction set including ST and SE segments

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE02	329	**Transaction Set Control Number**	M	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

Comments:

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