



# 810 Invoice

Revised 01/26/15

Functional Group ID=**IN**

## Introduction:

This Standard 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.

## Heading:

Pos.	Seg.	No.	ID	Name	Des.	Max.Use	Repeat	Notes	Usage
0100	ST			Transaction Set Header	M	1			Must use
0200	BIG			Beginning Segment for Invoice	M	1			Must use
0500	REF			Reference Identification	O	2			Use
<b>LOOP ID - N1</b>						<b>200</b>			
0700	N1			Name	M	1			Use
0900	N3			Address Information	M	1			Use
1000	N4			Geographic Location	M	1			Use
1300	ITD			Term of Sale/Deferred Terms of Sale	M	>1			Use
1400	DTM			Date/Time Reference	M	1			Must use
1500	FOB			F.O.B. Related instructions	M	1			Use

## Detail:

Pos.	Seg.	No.	ID	Name	Des.	Max.Use	Repeat	Notes	Usage
<b>LOOP ID - IT1</b>						<b>200000</b>			
0100	IT1			Baseline Item Data (Invoice)	M	1			Must use
<b>LOOP ID - PID (Mandatory Loop)</b>						<b>1</b>			
0600	PID			Product/Item Description	M	1			Use
1000	PO4			Item Physical Details	O	1			Use
<b>LOOP ID - SAC</b>						<b>1</b>			
1800	SAC			Service, Promotion, Allowance, or Change Information	O	1			Use



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**Summary:**

Pos. No.	Seg. ID	Name	Des.	Max.Use	Repeat	Notes	Usage
0100	TDS	Total Monetary Value Summary	M	1			Must Use
0200	TXI	Tax Information	O	1			
0300	CAD	Carrier Detail	M	1			
<b>LOOP ID - SAC</b>			O	>1			
0400	SAC	Service, Promotion, Allowance, or Change Information	O	1			Use
<b>LOOP ID - ISS</b>			O	>1			
0600	ISS	Invoice Shipment Summary	O	1			
0700	CTT	Transaction Totals	O	1			
0800	SE	Transaction Set Trailer	M	1			

**Transaction Set Notes**

1. The number of items (CTT01) is the accumulation of the number of IT1 segments. If used CTT02 is the hash Total of the quantities invoiced (IT102) for each IT1 segment.



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Segment: **ISA Interchange Control Header**  
 Position:  
 Loop:  
 Level: Heading  
 Usage: Mandatory  
 Max Use: 1  
 Purpose: To start and identify an interchange of zero or more functional groups and interchange-related Control segments

**Data Element Summary**

Ref.	Date			
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
M	ISA01	I01	<b>Authoization Information Qualifier</b> Code to identify the type of information in the Authorization information 00 No Authorization Sent	M ID 2/2
M	ISA02	I02	<b>Authoization Information</b> 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 ID 10/10
M	ISA03	I03	<b>Security Information Qualifier</b> Code to identify the type of information in the Security Information 00 No Security Information	M ID 2/2
M	ISA04	I04	<b>Security Information</b> 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 ID 10/10
M	ISA05	I05	<b>Interchange ID Qualifier</b> Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified.	M ID 2/2
M	ISA06	I06	<b>Interchange Sender ID</b> 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 ID 15/15
M	ISA07	I05	<b>Interchange ID Qualifier</b> Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified.	M ID 2/2
M	ISA08	I07	<b>Interchange Receiver ID</b> 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	M ID 15/15
M	ISA09	I08	<b>Interchange Date</b> Date of the interchange	M DT 6/6



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Segment: **ISA Interchange Control Header**

Position:

Loop:

Level: Heading

Usage: Mandatory

Max Use: 1

Purpose: To start and identify an interchange of zero or more functional groups and interchange-related Control segments

**Data Element Summary**

<u>Ref.</u>	<u>Date</u>	<u>Name</u>	<u>Attributes</u>
M	<b>ISA10 I09</b>	<b>InterchangeTime</b> Time of the interchange	<b>M TM 4/4</b>
M	<b>ISA11 I10</b>	<b>Interchange Control Standards Identifier</b> Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer <u>Code</u> <u>Description</u> U U.S. EDI Community of ASC X12, TDCC and UCS	<b>M ID 1/1</b>
M	<b>ISA12 I11</b>	<b>Interchange Control Version Number</b> This version number covers the interchange control segments <u>Code</u> <u>Description</u> 00401 Version 4, Release 1	<b>M ID 5/5</b>
M	<b>ISA13 I12</b>	<b>Interchange Control Number</b> A control number assigned by the interchange sender	<b>M N0 9/9</b>
M	<b>ISA14 I13</b>	<b>Acknowledgement Requested</b> Code sent by the sender to request an interchange acknowledgment (TA1)	<b>M ID 1/1</b>
M	<b>ISA15 I14</b>	<b>Usage Indicator</b> Code to indicate whether data enclosed by this interchange envelope Is test, product or information <b>P Production</b> <b>T Test</b>	<b>M ID 1/1</b>
M	<b>ISA16 I15</b>	<b>Component Element Separator</b> 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 ~	<b>M 1/1</b>



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Segment: **GS Functional Group Header**

Level: Heading

Usage: Mandatory

Max Use: 1

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

- Semantic Notes:
- 1 GS04 is the group date.
  - 2 GS05 is the group time.
  - 3 The data interchange control number GS06 in this header 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.

**Data Element Summary**

Ref.	Date			
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
M	GS01	479	<b>Functional Identifier Code</b> Code identifying a group of application related transaction sets <u>Code</u> <u>Description</u> IN Invoice	M ID 2/2
M	GS02	142	<b>Application Sender's Code</b> Code identifying party sending transmission; codes agreed to by trading partners	M AN 2/15
M	GS03	124	<b>Application Receiver's Code</b> Code identifying party receiving transmission. Codes agreed to by trading partners	M AN 2/15
M	GS04	373	<b>Date</b> Date expressed as CCYYMMDD	M DT 8/8
M	GS05	337	<b>Time</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, 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
M	GS06	028	<b>Group Control Number</b> Assigned number originated and maintained by the sender	M N0 1/9
M	GS07	455	<b>Responsible Agency Code</b> <u>Code</u> <u>Description</u> X Accredited Standards Committee X12	M ID 1/2
M	GS08	480	<b>Version/Release/Industry Identifier Code</b> <u>Code</u> 004010	M AN 1/12



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Segment: **ST Transaction Set Header**  
 Position: 0100  
 Loop:  
 Level: Heading  
 Usage: Mandatory  
 Max Use: 1  
 Purpose: To indicate the start of a transaction set and to assign a control number  
 Syntax Notes:  
 Semantic Notes: 1 The transaction set identifier (ST01) is used by the translation routines of the Interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

**Data Element Summary**

<u>Ref.</u>	<u>Date</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M		143	<b>Transaction Set Identifier Code</b> Code uniquely identifying a Transaction Set	M ID 3/3
			<u>Code</u> <u>Description</u> 810 Invoice	
M		329	<b>Transaction Set Control Number</b> 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
			The number is sequentially assigned by the sender, starting with one within each functional group. For each functional group, the first transaction set control number will be 0001 and incremented by one for each additional transaction set within the group.	



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Segment: **BIG** Beginning Segment for Invoice

Position: 0200

Loop:

Level: Heading

Usage: Mandatory

Max Use: 1

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

Syntax Notes:

Semantic Notes: 1 BIG01 is the invoice issue date.

2 BIG03 is the date assigned by the purchaser to purchase order.

Data Element Summary

	<u>Ref.</u>	<u>Date</u>	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	BIG01	373			Date – Invoice Date	M DT 8/8
M	BIG02	076			Invoice Number No dashes, spaces or decimal points	M AN 1/12
M	BIG03	373			Date-Purchase Order Date Identifying number for Purchase Order assigned by the ordered/purchaser	M DT 8/8
M	BIG04	324			Purchase Order Number Original purchase order number	M AN 1/22



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Segment: **REF** Reference Identification  
 Position: 0500  
 Loop:  
 Level: Heading  
 Usage: Mandatory  
 Max Use: 1  
 Purpose: To specify identifying information  
 Syntax Notes:  
 Semantic Notes: **1** At least one of REF02 or REF03 is required.

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Date Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification <u>Code</u> <u>Description</u> IA Internal Vendor Number	M ID 2/3
M	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 7/7





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Segment: **N1** Name  
 Position: 0700  
 Loop: N1 Mandatory  
 Level: Heading  
 Usage: Mandatory  
 Max Use: 1  
 Purpose: To identify a party by type of organization, name, and code  
 Syntax Notes: **1** At least of N102 or N103 is required.  
**2** If either N103 or N104 is present, then the other is required.  
 Semantic Notes:

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Date Element</u>	<u>Name</u>	<u>Attributes</u>
M	N101	098	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an Individual <u>Code</u> <u>Description</u> ST      Ship To	M ID 2/3
M	N102	093	<b>Name</b> Free-form name	M AN 1/35
M	N103	066	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67) <u>Code</u> <u>Description</u> 92      Assigned by Buyer or Buyer's Agent	M ID 1/2
M	N104	067	<b>Identification Code</b> Code identifying a party or other code <b>This is Maurice Internal D.C. Location number</b>	M AN 4/4



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Segment: **N3** **Address Information**  
 Position: 0900  
 Loop: N1 Mandatory  
 Level: Heading  
 Usage: Mandatory  
 Max Use: 1  
 Purpose: To specify the location of the named party  
 Syntax Notes:  
 Semantic Notes:

**Data Element Summary**

	<u>Ref.</u>	<u>Date</u>	<u>Name</u>	<u>Attributes</u>
M	<b>N301</b>	<b>166</b>	<b>Address Information</b> Address information	<b>M AN 1/35</b>
	<b>N302</b>	<b>166</b>	<b>Address Information</b> Address information ( if necessary)	<b>O AN 1/35</b>



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Segment: **N4 Geographic Location**  
 Position: 1000  
 Loop: N1 Mandatory  
 Level: Heading  
 Usage: Mandatory  
 Max Use: 1  
 Purpose: To specify the geographic place of the named party  
 Syntax Notes:  
 Semantic Notes:

**Data Element Summary**

	<b>Ref.</b>	<b>Date</b>	<b>Name</b>	<b>Attributes</b>
	<b><u>Des.</u></b>	<b><u>Element</u></b>	<b><u>Name</u></b>	
<b>M</b>	<b>N401</b>	<b>019</b>	<b>City Name</b> Free-form text for city name	<b>M AN 2/30</b>
<b>M</b>	<b>N402</b>	<b>156</b>	<b>State or Province Code</b> Code (Standard State/Province) as defined by appropriate government agency	<b>M ID 2/2</b>
<b>M</b>	<b>N403</b>	<b>116</b>	<b>Postal Code</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	<b>M ID 3/15</b>
	<b>N404</b>	<b>026</b>	<b>Country Code</b> Code identifying the country	<b>O ID 2/3</b>



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Segment: **ITD** Terms of Sale/Deferred Terms of Sale  
 Position: 1300  
 Loop:  
 Level: Heading  
 Usage: Mandatory  
 Max Use: 1  
 Purpose: To specify terms of sale  
 Syntax Notes:  
 Semantic Notes:

**Data Element Summary**

Ref.	Date			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	ITD01	336	<b>Terms Type Code</b> Code identifying type of payment terms <u>Code</u> <u>Description</u> 01 Basic 02 End of Month 03 Fixed Date	O ID 2/2
M	ITD02	333	<b>Terms Basic Date Code</b> <u>Code</u> <u>Description</u> 1 Ship Date 2 Delivery Date 3 Invoice Date	O ID 1/2
	ITD03	338	<b>Terms Discount Percent</b> <i>Discount, expressed as a percentage, available to the purchase If an invoice is paid on or before the Terms Discount Due Date. The percent is sent with a decimal point only when needed, e.g., 10.5% is sent as "10.5" , and 2% is sent as "2" .</i>	O R 1/6
	ITD04	370	<b>Terms Discount Due Date</b> Do not use, if no terms discount exist	O DT 8/8
	ITD05	351	<b>Terms Discount Days Due</b> <i>Number of days in the terms discount period by which Payment is due if terms discount is to be earned CCYYMMDD</i>	O NO 1/3
	ITD06	446	<b>Terms Net Due Date</b> Date when total invoice amount becomes due. CCYYMMDD	O DT 8/8



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<b>ITD07</b>	<b>386</b>	<b>Terms Net Days</b> Number of days until total invoice amount is due(discount not applicable)	<b>O N0 1/3</b>
<b>ITD08</b>	<b>362</b>	<b>Terms Discount Amount</b> <i>Total amount of terms discount.</i>	<b>O N2 1/10</b>
<b>ITD12</b>	<b>352</b>	<b>Description</b> A free-form description to clarify the related data elements and their content.	<b>O ID 1/80</b>



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Segment: **DTM** **Date/Time Reference**  
 Position: 1400  
 Loop:  
 Level: Heading  
 Usage: Mandatory  
 Max Use: **1**  
 Purpose: To specify pertinent dates and times  
 Syntax Notes: **1** At least one DTM02, DTM03, or DTM05 is required.  
 Semantic Notes:

**Data Element Summary**

	<u>Ref.</u>	<u>Date</u>	<u>Name</u>	<u>Attributes</u>
M	<b>DTM01</b>	<b>374</b>	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time	<b>M ID 3/3</b>
			<u>Code</u> <u>Description</u> 011 Shipped	
M	<b>DTM02</b>	<b>333</b>	<b>Date</b> Date expressed as <b>CCYYMMDD</b>	<b>M DT 8/8</b>



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Segment: **FOB** F.O.B. Related Instructions  
 Position: 1500  
 Loop:  
 Level: Heading  
 Usage: Mandatory  
 Max Use: 1  
 Purpose: To specify transportation instructions relating to shipment  
 Semantic Notes: **1** FOB01 indicates which party will pay the carrier.

Data Element Summary

Ref.	Date		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	FOB01 146	Shipment Method of Payment	M ID 2/2
		Code identifying the major duty or responsibility of the person or group named	
		CC Collect	
		PP Prepaid	
		PA Advanced Prepaid	
		CF Collect Freight, Credit Back to Customer	
		PS Paid by Seller	
		<i>The seller agrees to the transportation payment term requiring the seller to pay transportation charges to a specified location (origin or destination location)</i>	



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Segment: **IT1** **Baseline Item Data (Invoice)**  
 Position: 0100  
 Loop: IT1 Mandatory  
 Level: Detail  
 Usage: Mandatory  
 Max Use: 1  
 Purpose: To specify basic and most frequently used line item data  
 Syntax Notes: 1 If any IT102, IT103 or IT104 is present, then all are required  
 2 If either IT106 or IT107 is present, then the other is required  
 3 If either IT108 or IT109 is present, then the other is required  
 4 If either IT110 or IT111 is present, then the other is required  
 5 If either IT112 or IT113 is present, then the other is required  
 6 If either IT114 or IT115 is present, then the other is required

**Data Element Summary**

	<u>Ref.</u>	<u>Date</u>	<u>Name</u>	<u>Attributes</u>
M	<b>IT101</b>	<b>350</b>	<b>Assigned Identification</b> Numeric five digit number assigned for differentiation within a transaction set. Include leading zeros on the five digit number.	<b>O AN 1/20</b>
M	<b>IT102</b>	<b>358</b>	<b>Quantity Invoiced</b> <i>Number of units invoiced.</i>	<b>M R 1/6</b>
M	<b>IT103</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <u>Code</u> <u>Description</u> EA Each	<b>M ID 2/2</b>
M	<b>IT104</b>	<b>212</b>	<b>Unit Price</b> Price per unit of product, service, commodity, etc.	<b>X R3 1/17</b>
M	<b>IT106</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) <u>Code</u> <u>Description</u> CB Buyer Catalog Number	<b>X ID 2/2</b>
M	<b>IT107</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>X AN 1/8</b>
M	<b>IT108</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	<b>X ID 2/2</b>





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Code Description  
 UP 12-digit number UCC-12 Univeral product Code(U.P.C)

Segment: **IT1** **Baseline Item Data (Invoice)**  
 Position: 0100  
 Loop: IT1 Mandatory  
 Level: Detail  
 Usage: Mandatory

M	<b>IT109</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	X AN 1/14
M	<b>IT110</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X ID 2/2
			<u>Code</u> <u>Description</u> VP Vendor's (Seller's) Part Number	
M	<b>IT111</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service Vendor Part Number	X AN 1/20
	<b>IT112</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X ID 2/2
			<u>Code</u> <u>Description</u> UK 14-digit number UCC-14 Global Trade Identification Number(GTIN)	
	<b>IT113</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	X AN 1/14
	<b>IT114</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X ID 2/2
			<u>Code</u> <u>Description</u> HD International harmonized Commodity Code	
	<b>IT115</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service Tariff Code For Customs authority purposes, the class and description of a subject or Material item per harmonized agreements on tariff commodity codes. <b>(For Import Only)</b>	X AN 1/20



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Segment: **PID** Product/Item Description  
 Position: 0600  
 Loop: PID Mandatory  
 Level: Detail  
 Usage: Mandatory  
 Max Use: 1  
 Purpose: To describe a product or process in coded or free-form format  
 Syntax Notes:  
 Semantic Notes:

**Data Element Summary**

	<u>Ref.</u>	<u>Date</u>	<u>Name</u>	<u>Attributes</u>
M	<b>PID01</b>	<b>349</b>	<b>Item Description Type</b> Code indicating the format of a description <u>Code</u> <u>Description</u> F Free-form	<b>M ID 1/1</b>
M	<b>PID02</b>	<b>750</b>	<b>Product/Process Characteristic Code</b> Code identifying the general class of a product or process characteristic <u>Code</u> <u>Description</u> 08 Product	<b>O ID 2/3</b>
M	<b>PID05</b>	<b>352</b>	<b>Description</b> A free-form description to clarify the related data elements and their content <u>Item Description</u>	<b>M AN 1/80</b>



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Segment: **PO4** Item Physical Details

Position: 1000

Loop: PO1 Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To specify the physical qualities, packaging, weights, and dimensions relating to the item

Syntax Notes:

Semantic Notes:

Data Element Summary

	<u>Ref.</u>	<u>Date</u>	<u>Name</u>	<u>Attributes</u>
M	<b>PO401</b>	<b>356</b>	<b>Pack</b>	<b>M N0 1/6</b>
			The number of inner containers, or number of eaches if there are no inner containers, per outer container	
			Number of Inner Units per Outer container (case)	
M	<b>PO414</b>	<b>810</b>	<b>Inner Pack</b>	<b>M N0 1/6</b>
			The number of eaches per inner container.	



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Segment: **SAC** **Service, Promotion, Allowance, or Charge Information**  
 Position: 1800  
 Loop: SAC Optional  
 Level: Detail  
 Usage: Optional  
 Max Use: 1  
 Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Syntax Notes:

Semantic Notes: 1. If SAC01 is "A" or "C", then at least one SAC05, SAC07, or SAC08 is required.

Comments: 1. If not sending a charge or allowance, this segment will not be sent.

**Data Element Summary**

<u>Ref.</u>	<u>Date</u>	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	SAC01	248		<b>Allowance or Charge Indicator</b> Code Description <u>Code</u> <u>Description</u> A Allowance C Charge	M ID 1/1
M	SAC02	1300		<b>Service, Promotion, Allowance, or Charge Code</b> Code Description ZZZZ Mutually Defined	C ID 4/4
M	SAC05	610		<b>Amount</b>	O N2 1/15
M	SAC15	325		<b>Description</b>	X AN 1/80



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Segment: **TDS Total Monetary Value Summary**

Position: 0100

Loop:

Level: Summary

Usage: Mandatory

Max Use: 1

Purpose: To specify the total invoice discount and amounts

Syntax Notes:

- Semantic Notes:
1. TDS01 is the total amount of invoice (including charges, less allowances) before terms discount (if discount is applicable).
  2. TDS02 indicates the total gross line item amount.
  3. TDS03 is the amount of the invoice due if paid by terms discount due date. (including charges, less allowances, less cash discount)
  4. TDS04 indicates the total amount of terms discount.

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

**Data Element Summary**

<b>Ref.</b>	<b>Date</b>	<b>Name</b>	<b>Attributes</b>
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	TDS01 610	Amount Monetary amount	M N2 1/15
M	TDS02 610	Amount Gross line item total amount.	M N2 1/15
M	TDS03 610	Amount	M N2 1/15
	TDS04 610	Amount	O N2 1/15



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Revised 01/26/15

Segment: **TXI Tax Information**  
 Position: 0200  
 Loop:  
 Level: Summary  
 Usage: Optional  
 Max Use: 1  
 Purpose: To specify tax information  
 Syntax Notes: 1. At least one of TX102 TX103 or TX106 is required.  
 Semantic Notes: 1. TXI02 is the monetary amount of the tax.

Comments: 1. This segment is to be sent for Canada invoices only.

Data Element Summary

Ref.	Date	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Code</u> <u>Description</u>	
M	TX101 963	<b>Tax Type Code</b>	M ID 2/2
		ZZ Harmonized State Tax -- Canadian HST	
		GS Goods and Services Tax - Canadian GST	
		PG State or Provincial Tax on Goods - Canadian QST	
M	TX102 782	<b>Monetary Amount</b>	M R 1/18
M	TX103 954	<b>Percent</b> Percentage express as a decimal	X R 1/10



810 Invoice

Revised 01/26/15

Segment: **CAD** Carrier Details  
 Position: 0300  
 Loop:  
 Level: Summary  
 Usage: Mandatory  
 Max Use: 1  
 Purpose: To specify transportation details for the transaction  
 Syntax Notes: 1. At least one of CAD05 or CAD04 is required.  
 2. If CAD07 is present, then CAD08 is required.  
 Semantic Notes:  
 Comments: 1. This segment is required on all shipments.

Data Element Summary

Ref.	Date	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	CAD04 140	Standard Carrier Alpha Code <i>Carrier SCAC Code</i>	X ID 4/4
M	CAD05 387	Routing	X AN 1/35
M	CAD07 128	Reference Identification Qualifier <u>Code</u> <u>Description</u> CN Carrier's Reference Number(PRO/Invoice)	M ID 2/3
M	CAD08 127	Reference Identification Reference information as qualified by CAD07, e.g., ASN number (ASN 02 field) <b>ASN number is needed to match to the ASN document.</b>	M AN 1/30



**810 Invoice**

Revised 01/26/15

Segment: **SAC Service, Promotion, Allowance, or Charge Information**  
 Position: 0400  
 Loop: SAC Optional  
 Level: Summary  
 Usage: Optional  
 Max Use: 1  
 Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Syntax Notes:  
 Semantic Notes:

Notes: The same code in SAC02 can not occur more than once within an invoice. All similar Allowances should be rolled up as a total and communicated in an aggregate SAC segment.

Comments: 1. If not sending a charge or allowance, this segment will not be sent.

**Data Element Summary**

Ref.	Date			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	SAC01	248	<b>Allowance or Charge Indicator</b>	M ID 1/1
			<u>Code</u> <u>Description</u>	
			A Allowance	
M	SAC02	1300	<b>Service, Promotion, Allowance, or Charge Code</b>	C ID 4/4
			<u>Code</u> <u>Description</u>	
			A380 Allowance Advance	
			F970 Rebate	
			I530 Volume Discount	
M	SAC05	610	<b>Amount</b>	O N2 1/15
M	SAC12	331	<b>Allowance or Charge Method of Handling Code</b>	O ID 2/2
			Code indicating method of handling for an allowance or charge	
			<u>Code</u> <u>Description</u>	
			02 Off Invoice	
	SAC15	325	<b>Description</b>	X AN 1/80





**810 Invoice**

Revised 01/26/15

Segment: **SAC Service, Promotion, Allowance, or Charge Information**  
 Position: 0400  
 Loop: SAC Optional  
 Level: Summary  
 Usage: Optional  
 Max Use: 1  
 Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Syntax Notes:  
 Semantic Notes

Comments: 1. If not sending a charge or allowance, this segment will not be sent.

**Data Element Summary**

	<u>Ref.</u>	<u>Date</u>	<u>Name</u>	<u>Attributes</u>
M	SAC01	248	Allowance or Charge Indicator <u>Code</u> <u>Description</u> C Charge	M ID 1/1
M	SAC02	1300	Service, Promotion, Allowance, or Charge Code <u>Code</u> <u>Description</u> D240 Freight	C ID 4/4
M	SAC05	610	Amount	O N2 1/15
M	SAC12	331	Allowance or Charge Method of Handling Code Code indicating method of handling for an allowance or charge <u>Code</u> <u>Description</u> 02 Off Invoice	O ID 2/2
	SAC15	325	Description	X AN 1/80



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Revised 01/26/15

Segment: **ISS Invoice Shipment Summary**

Position: 0600

Loop: SAC Optional

Level: Summary

Usage: Optional

Max Use: 1

Purpose: To specify summary details of total items shipped in terms of quantity, weight and volume

- Syntax Notes:
1. At least one of ISS01 ISS03 or ISS05 is required
  2. If either ISS01 or ISS02 is present, then the other is required.
  3. If either ISS03 or ISS04 is present, then the other is required.

Semantic Notes:

Comments:

**Data Element Summary**

	<u>Ref.</u>	<u>Date</u>	<u>Name</u>	<u>Attributes</u>
M	ISS01	382	Number of Cartons Shipped	C R 1/10
M	ISS02	355	Unit or Basis for Measurement Code	C ID 2/2
			<u>Code</u> <u>Description</u>	
			CT Carton	
			CA Case	
			EA Each	
M	ISS03	081	Weight	C R 1/10
M	ISS04	355	Unit or Basis for Measurement Code	C ID 2/2
			<u>Code</u> <u>Description</u>	
			LB Pound	



**810 Invoice**

Revised 01/26/15

Segment: **CTT Transaction Totals**

Position: 0700

Loop:

Level: Summary

Usage: Mandatory

Max Use: 1

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

Syntax Notes: **1.** If either CTT03 or CTT04 is present, then the other is required.

**2.** If either CTT05 or CTT06 is present, then the other is required.

Semantic Notes: This segment is intended to provide hash totals to validate transaction completeness and correctness.

**Data Element Summary**

<u>Ref.</u>	<u>Date</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	CTT01	354	Number of Line Items Total number of line items in the transaction	M N0 1/6



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Revised 01/26/15

Segment: **SE** Transaction Set Trailer

Position: 0800

Loop:

Level: Summary

Usage: Mandatory

Max Use: 1

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

Syntax Notes:

Semantic Notes: 1. SE is the last segment of each transaction set.

Data Element Summary

	<u>Ref.</u>	<u>Date</u>	<u>Name</u>	<u>Attributes</u>
M	SE01	096	Number of included Segments <i>Total number of segments included in a transaction set including ST and SE segments</i>	M N0 1/10
M	SE02	329	Transaction Set Control Number <i>Identifying control number that must be unique within the transaction set Functional group assigned by the originator for a transaction set. Must be the same number as ST02</i>	M AN 4/9



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Revised 01/26/15

Segment: **GE** Function Group Trailer

Position:

Loop:

Level: Summary

Usage: Mandatory

Max Use: 1

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

Syntax Notes:

Semantic Notes: 1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments: 1. The use of identical data interchange control number in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

Data Element Summary

	<u>Ref.</u>	<u>Date</u>	<u>Name</u>	<u>Attributes</u>
M	GE01	097	<b>Number of Transaction Sets Included</b> <i>Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing the data element.</i>	M N0 1/6
M	GE02	028	<b>Group Control Number</b> <i>Assigned number originated and maintained by the sender</i>	M N0 1/9



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Segment: **IEA** Interchange Control Trailer

Position:

Loop:

Level: Summary

Usage: Mandatory

Max Use: 1

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

Syntax Notes:

Semantic Notes:

**Data Element Summary**

	<u>Ref.</u>	<u>Date</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	IEA01	I16	<b>Number of Included Functional Groups</b> <i>A count of the number of functional groups included in an interchange</i>	M N0 1/5
M	IEA02	I12	<b>Interchange Control Number</b> <i>A control number assigned by the interchange sender</i>	M N0 9/9



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Sample:



**810 Invoice**

Revised 01/26/15

**Distribution Centers**

**Maurice Chicago Warehouse #0011**

1825 Shermer Road  
Northbrook, IL. 60062-5385

**Maurice Atlanta Warehouse #0012**

1325 Hwy. 155 South  
McDonough GA, 30253-7506

**Maurice Western Warehouse #0015**

4980 Longley Lane  
Reno NV. 89502-7932

**Maurice Canada Warehouse #0016**

7045 Beckett Dr. Unit 15  
Mississauga ON. L5S 2A3