



810 HC Invoice - Canada

Healthcare EDI

Version: 006020HC 2012

Author:	GS1 Canada Healthcare Technical Standards Work Group
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810 HC Invoice - Canada

Functional Group=IN

Purpose: This X12 Transaction Set contains the format and establishes the data contents of the Invoice Transaction Set (810) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the billing for goods and services provided.

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
0100	ST	Transaction Set Header	M	1			Must use
0200	BIG	Beginning Segment for Invoice	M	1			Must use
0400	CUR	Currency	O	1			Used
0500	REF	Reference Information	O	12			Used
0600	PER	Administrative Communications Contact	O	3			Used
<u>LOOP ID - N1</u>					<u>200</u>		
0700	N1	Party Identification	O	1			Used
0800	N2	Additional Name Information	O	2			Used
0900	N3	Party Location	O	2			Used
1000	N4	Geographic Location	O	1			Used
1300	ITD	Terms of Sale/Deferred Terms of Sale	O	>1			Used
1400	DTM	Date/Time Reference	O	10			Used

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<u>LOOP ID - IT1</u>					<u>200000</u>		
0100	IT1	Baseline Item Data (Invoice)	O	1			Used
0400	TXI	Tax Information	O	>1			Used
<u>LOOP ID - PID</u>					<u>1000</u>		
0600	PID	Product/Item Description	O	1			Used
1200	REF	Reference Information	O	>1			Used
1500	DTM	Date/Time Reference	O	10			Used
<u>LOOP ID - SAC</u>					<u>≥1</u>		
1800	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used
<u>LOOP ID - TXI</u>					<u>≥1</u>		
1900	TXI	Tax Information	O	1			Used

Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
0100	TDS	Total Monetary Value Summary	M	1			Must use
0200	TXI	Tax Information	O	>1			Used

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<u>LOOP ID - SAC</u>						<u>≥1</u>	
0400	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used
<u>LOOP ID - TXI</u>						<u>≥1</u>	
0500	TXI	Tax Information	O	1			Used
0700	CTT	Transaction Totals	O	1		N3/0700	Used
0800	SE	Transaction Set Trailer	M	1			Must use

Notes:

3/0700 Number of line 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.

ST Transaction Set Header

Pos: 0100	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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Must use				
<p>Description: Code uniquely identifying a Transaction Set</p> <p>CodeList Summary (Total Codes: 320, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>810</td> <td>Invoice</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	810	Invoice
<u>Code</u>	<u>Name</u>									
810	Invoice									
ST02	329	Transaction Set Control Number	M	AN	4/9	Must use				
<p>Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set</p>										

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

BIG Beginning Segment for Invoice

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 7

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BIG01	373	Date	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
BIG02	76	Invoice Number	M	AN	1/22	Must use
		Description: Identifying number assigned by issuer				
BIG03	373	Date	O	DT	8/8	Used
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
		User Note 1: <i>Purchase order date</i>				
BIG04	324	Purchase Order Number	O	AN	1/22	Used
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser				
BIG05	328	Release Number	O	AN	1/30	Used
		Description: Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction				
		User Note 1: <i>Release against the purchase order, if used</i>				
BIG07	640	Transaction Type Code	O	ID	2/2	Used
		Description: Code specifying the type of transaction				
		User Note 1: <i>This data element is used only when special identification of the invoice is needed, between trading partners, to support business needs.</i>				
		CodeList Summary (Total Codes: 545, Included: 2)				
		Code	Name			
		CI	Consolidated Invoice			
		CN	Credit Invoice			
BIG08	353	Transaction Set Purpose Code	O	ID	2/2	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: Code identifying purpose of transaction set				
		CodeList Summary (Total Codes: 67, Included: 3)				
		<u>Code</u>		<u>Name</u>		
		00		Original		
		22		Information Copy		
		CO		Corrected		

Semantics:

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

Comments:

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

CUR Currency

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

User Option (Usage): Used

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CUR01	98	Entity Identifier Code	M	ID	2/3	Must use

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

CodeList Summary (Total Codes: 1524, Included: 1)

Code Name

SE Selling Party

CUR02	100	Currency Code	M	ID	3/3	Must use
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Description: Code (Standard ISO) for country in whose currency the charges are specified

User Note 1:

See External Code Source 5

Syntax Rules:

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

Comments:

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

REF Reference Information

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

User Option (Usage): Used

Purpose: To specify identifying information

Element Summary:

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

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1813, Included: 7)

Code Name

2I Tracking Number

User Note 1:

Internal tracking number issued by the service provider to this invoice

DP Department Number

GT Goods and Service Tax Registration Number

IT Internal Customer Number

User Note 1:

Identification number assigned by the vendor to the buyer for use within the vendor's system

OI Original Invoice Number

PK Packing List Number

VN Vendor Order Number

REF02	127	Reference Identification	X	AN	1/80	Must use
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Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Syntax Rules:

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

Semantics:

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

PER Administrative Communications Contact

Pos: 0600	Max: 3
Heading - Optional	
Loop: N/A	Elements: 8

User Option (Usage): Used

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PER01	366	Contact Function Code	M	ID	2/2	Must use

Description: Code identifying the major duty or responsibility of the person or group named

CodeList Summary (Total Codes: 241, Included: 5)

Code Name

AR Accounts Receivable Department
BD Buyer Name or Department
CR Customer Relations

User Note 1:

Customer service representative

CW Confirmed With
SR Sales Representative or Department

PER02	93	Name	O	AN	1/60	Used
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Description: Free-form name

PER03	365	Communication Number Qualifier	X	ID	2/2	Used
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Description: Code identifying the type of communication number

CodeList Summary (Total Codes: 43, Included: 5)

Code Name

EM Electronic Mail
FX Facsimile
TE Telephone
TS Text Message Address

Description: A communication protocol allowing for instant communication between parties using a text messaging service, such as Short Message Service (SMS)

UR Uniform Resource Locator (URL)

PER04	364	Communication Number	X	AN	1/256	Used
-------	-----	----------------------	---	----	-------	------

Description: Complete communications number including country or area code when applicable

PER05	365	Communication Number Qualifier	X	ID	2/2	Used
-------	-----	--------------------------------	---	----	-----	------

Description: Code identifying the type of communication number

CodeList Summary (Total Codes: 43, Included: 5)

Code Name

EM Electronic Mail

FX Facsimile

TE Telephone

TS Text Message Address

Description: *A communication protocol allowing for instant communication between parties using a text messaging service, such as Short Message Service (SMS)*

UR Uniform Resource Locator (URL)

PER06	364	Communication Number	X	AN	1/256	Used
-------	-----	-----------------------------	---	----	-------	------

Description: Complete communications number including country or area code when applicable

PER07	365	Communication Number Qualifier	X	ID	2/2	Used
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Description: Code identifying the type of communication number

CodeList Summary (Total Codes: 43, Included: 5)

Code Name

EM Electronic Mail

FX Facsimile

TE Telephone

TS Text Message Address

Description: *A communication protocol allowing for instant communication between parties using a text messaging service, such as Short Message Service (SMS)*

UR Uniform Resource Locator (URL)

PER08	364	Communication Number	X	AN	1/256	Used
-------	-----	-----------------------------	---	----	-------	------

Description: Complete communications number including country or area code when applicable

Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.
3. P0708 - If either PER07 or PER08 is present, then the other is required.

Loop Party Identification

Pos: 0700	Repeat: 200
Optional	
Loop: N1	Elements: N/A

User Option (Usage): Used

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0700	N1	Party Identification	O	1		Used
0800	N2	Additional Name Information	O	2		Used
0900	N3	Party Location	O	2		Used
1000	N4	Geographic Location	O	1		Used

N1 Party Identification

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

User Option (Usage): Used

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

CodeList Summary (Total Codes: 1524, Included: 4)

Code Name

- BT Bill-to-Party
- RI Remit To
- ST Ship To
- VN Vendor

N102	93	Name	X	AN	1/60	Used
------	----	------	---	----	------	------

Description: Free-form name

User Note 1: *The use of N103 and N104 is recommended over N102*

N103	66	Identification Code Qualifier	X	ID	1/2	Used
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Description: Code designating the system/method of code structure used for Identification Code (67)

CodeList Summary (Total Codes: 254, Included: 3)

Code Name

- 91 Assigned by Seller or Seller's Agent
- 92 Assigned by Buyer or Buyer's Agent
- UL Global Location Number (GLN)

Description: *A globally unique 13 digit code for the identification of a legal, functional or physical location within the Uniform Code Council (UCC) and International Article Number Association (EAN) numbering system*

User Note 1:

See External Code Source 583

N104	67	Identification Code	X	AN	2/80	Used
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Description: Code identifying a party or other code

User Note 1: *This is the location code as defined by N103. The location code may be a formal number, e.g., GLN, or it may be assigned by either the buyer or seller. The location refers to a hospital, warehouse, distribution center, plant, etc. Location codes*

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<i>are used to alleviate the need to send complete names and addresses.</i>				

Syntax Rules:

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

Comments:

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

N2 Additional Name Information

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

User Option (Usage): Used

Purpose: To specify additional names

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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 Party Location

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

User Option (Usage): Used

Purpose: To specify the location of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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: 1000	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

Purpose: To specify the geographic place of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N401	19	City Name	O	AN	2/30	Used
		Description: Free-form text for city name				
N402	156	State or Province Code	X	ID	2/2	Used
		Description: Code (Standard State/Province) as defined by appropriate government agency				
		User Note 1: <i>See External Code Source 22</i>				
N403	116	Postal Code	O	ID	3/15	Used
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
		User Note 1: <i>See External Code Source 51</i>				
N404	26	Country Code	X	ID	2/3	Used
		Description: Code identifying the country				
		User Note 1: <i>See External Code Source 5</i>				

Syntax Rules:

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

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.

ITD Terms of Sale/Deferred Terms of Sale

Pos: 1300	Max: >1
Heading - Optional	
Loop: N/A	Elements: 10

User Option (Usage): Used

Purpose: To specify terms of sale

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ITD01	336	Terms Type Code	O	ID	2/2	Used

Description: Code identifying type of payment terms

CodeList Summary (Total Codes: 77, Included: 7)

Code Name

- 01 Basic
- 02 End of Month (EOM)
- 03 Fixed Date
- 04 Deferred or Installment
- 18 Fixed Date, Late Payment Penalty Applies
Description: Sales terms specifying a past due date, and a late payment percentage penalty applies to unpaid balances past this due date
- 23 Payment Due Upon Receipt of Invoice
- 31 Cash on Delivery (COD)

ITD02	333	Terms Basis Date Code	O	ID	1/2	Used
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Description: Code identifying the beginning of the terms period

CodeList Summary (Total Codes: 17, Included: 4)

Code Name

- 2 Delivery Date
- 3 Invoice Date
- 4 Specified Date
- 15 Receipt of Goods

ITD03	338	Terms Discount Percent	O	R	1/6	Used
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Description: Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date

User Note 1: *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".*

ITD04	370	Terms Discount Due Date	X	DT	8/8	Used
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Description: Date payment is due if discount is to be earned expressed in format CCYYMMDD where CC represents the first two digits of the calendar year

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ITD05	351	Terms Discount Days Due Description: Number of days in the terms discount period by which payment is due if terms discount is earned User Note 1: <i>The end of the term period is derived by adding this value to the beginning of the term period, as qualified by ITD02.</i>	X	N0	1/3	Used
ITD06	446	Terms Net Due Date Description: Date when total invoice amount becomes due expressed in format CCYYMMDD where CC represents the first two digits of the calendar year	O	DT	8/8	Used
ITD07	386	Terms Net Days Description: Number of days until total invoice amount is due (discount not applicable) User Note 1: <i>The end of the term period is derived by adding this value to the beginning of the term period, as qualified by ITD02.</i>	O	N0	1/3	Used
ITD08	362	Terms Discount Amount Description: Total amount of terms discount	O	N2	1/10	Used
ITD12	352	Description Description: A free-form description to clarify the related data elements and their content	O	AN	1/80	Used
ITD13	765	Day of Month Description: The numeric value of the day of the month between 1 and the maximum day of the month being referenced	X	N0	1/2	Used

Syntax Rules:

1. L03040513 - If ITD03 is present, then at least one of ITD04, ITD05 or ITD13 is required.
2. L08040513 - If ITD08 is present, then at least one of ITD04, ITD05 or ITD13 is required.
3. L091011 - If ITD09 is present, then at least one of ITD10 or ITD11 is required.

Semantics:

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

Comments:

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

DTM Date/Time Reference

Pos: 1400	Max: 10
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use				
<p>Description: Code specifying type of date or time, or both date and time</p> <p>CodeList Summary (Total Codes: 1307, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>011</td> <td>Shipped</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	011	Shipped
<u>Code</u>	<u>Name</u>									
011	Shipped									
DTM02	373	Date	X	DT	8/8	Must use				
<p>Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year</p>										

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

Loop Baseline Item Data (Invoice)

Pos: 0100	Repeat: 200000
Optional	
Loop: IT1	Elements: N/A

User Option (Usage): Used

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0100	IT1	Baseline Item Data (Invoice)	O	1		Used
0400	TXI	Tax Information	O	>1		Used
0600		Loop PID	O		1000	Used
1200	REF	Reference Information	O	>1		Used
1500	DTM	Date/Time Reference	O	10		Used
1800		Loop SAC	O		>1	Used

IT1 Baseline Item Data (Invoice)

Pos: 0100	Max: 1
Detail - Optional	
Loop: IT1	Elements: 12

User Option (Usage): Used

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
IT101	350	Assigned Identification	O	AN	1/20	Used
		<p>Description: Alphanumeric characters assigned for differentiation within a transaction set</p> <p>User Note 1: <i>IT101, data element 350, Assigned Identification is the same as the purchase order line item number.</i></p>				
IT102	358	Quantity Invoiced	X	R	1/15	Must use
		<p>Description: Number of units invoiced (supplier units)</p>				
IT103	355	Unit or Basis for Measurement Code	X	ID	2/2	Must use
		<p>Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken</p>				

CodeList Summary (Total Codes: 903, Included: 37)

<u>Code</u>	<u>Name</u>
AM	Ampoule
BD	Bundle
BG	Bag
BO	Bottle
BX	Box
CA	Case
CL	Cylinder
CT	Carton
DR	Drum
DZ	Dozen
EA	Each
GA	Gallon
GR	Gram
KG	Kilogram
KT	Kit
LB	Pound
LT	Liter
MC	Microgram
ME	Milligram
ML	Milliliter
MM	Millimeter

<u>Code</u>	<u>Name</u>
MR	Meter
OZ	Ounce - Av
PK	Package
PL	Pallet/Unit Load
PR	Pair
QT	Quart
RL	Roll
RM	Ream
SF	Square Foot
SH	Sheet
SL	Sleeve
SM	Square Meter
TB	Tube
TY	Tray
VI	Vial
YD	Yard

IT104 212 **Unit Price** X R 1/17 Must use

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

User Note 1: *The price is sent with a decimal point only when needed, e.g., \$15.95 would be sent as "15.95", and \$29.00 would be sent as "29".*

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)

CodeList Summary (Total Codes: 537, Included: 8)

Code Name

CH Country of Origin Code

User Note 1:

GS1 Canada recommends use of the ISO Country Code List 3166-1 Alpha -2 codes. If a product is manufacturer in more than one country, separate the ISO country codes by a space within Data Element 234.

CR Contract Number

User Note 1:

The contract number is provided by the issuing/purchasing organization (when applicable).

EN GTIN EAN/UCC - 13 Digit Data Structure

Description: *Data structure for the 13 digit EAN.UCC (EAN International Uniform Code Council) Global Trade Item Number (GTIN)*

EO GTIN EAN/UCC - 8 Digit Data Structure

Description: *Data structure for the 8 digit EAN.UCC (EAN International Uniform Code Council) Global Trade Item Number (GTIN)*

IN Buyer's Item Number

User Note 1:

Healthcare Industry recommends identification with a GTIN (Global Trade Item Number)

Code Name

- UK GTIN 14-digit Data Structure
Description: Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)
User Note 1:
Codes CA and UK are mutually exclusive.; only one of those codes may be used within this segment.
- UP GTIN UCC - 12 Digit Data Structure
Description: Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN). Also known as the Universal Product Code (U.P.C.)
- VN Vendor's (Seller's) Item Number
User Note 1:
Healthcare Industry recommends identification with a GTIN (Global Trade Item Number)

IT107	234	Product/Service ID	X	AN	1/80	Used
		Description: Identifying number for a product or service				
IT108	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)				

CodeList Summary (Total Codes: 537, Included: 8)

Code Name

- CH Country of Origin Code
User Note 1:
GS1 Canada recommends use of the ISO Country Code List 3166-1 Alpha -2 codes. If a product is manufacturer in more than one country, separate the ISO country codes by a space within Data Element 234.
- CR Contract Number
User Note 1:
The contract number is provided by the issuing/purchasing organization (when applicable).
- EN GTIN EAN/UCC - 13 Digit Data Structure
Description: Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)
- EO GTIN EAN/UCC - 8 Digit Data Structure
Description: Data structure for the 8 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)
- IN Buyer's Item Number
User Note 1:
Healthcare Industry recommends identification with a GTIN (Global Trade Item Number)
- UK GTIN 14-digit Data Structure
Description: Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)
User Note 1:
Codes CA and UK are mutually exclusive.; only one of those codes may be used within this segment.

Code Name

UP GTIN UCC - 12 Digit Data Structure
Description: *Data structure for the 12 digit EAN.UCC (EAN International Uniform Code Council) Global Trade Item Number (GTIN). Also known as the Universal Product Code (U.P.C.)*

VN Vendor's (Seller's) Item Number

User Note 1:
Healthcare Industry recommends identification with a GTIN (Global Trade Item Number)

IT109	234	Product/Service ID	X	AN	1/80	Used
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Description: Identifying number for a product or service

IT110	235	Product/Service ID Qualifier	X	ID	2/2	Used
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Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CodeList Summary (Total Codes: 537, Included: 8)

Code Name

CH Country of Origin Code

User Note 1:
GS1 Canada recommends use of the ISO Country Code List 3166-1 Alpha -2 codes. If a product is manufacturer in more than one country, separate the ISO country codes by a space within Data Element 234.

CR Contract Number

User Note 1:
The contract number is provided by the issuing/purchasing organization (when applicable).

EN GTIN EAN/UCC - 13 Digit Data Structure

Description: *Data structure for the 13 digit EAN.UCC (EAN International Uniform Code Council) Global Trade Item Number (GTIN)*

EO GTIN EAN/UCC - 8 Digit Data Structure

Description: *Data structure for the 8 digit EAN.UCC (EAN International Uniform Code Council) Global Trade Item Number (GTIN)*

IN Buyer's Item Number

User Note 1:
Healthcare Industry recommends identification with a GTIN (Global Trade Item Number)

UK GTIN 14-digit Data Structure

Description: *Data structure for the 14 digit EAN.UCC (EAN International Uniform Code Council) Global Trade Item Number (GTIN)*

User Note 1:
Codes CA and UK are mutually exclusive; only one of those codes may be used within this segment.

UP GTIN UCC - 12 Digit Data Structure

Description: *Data structure for the 12 digit EAN.UCC (EAN International Uniform Code Council) Global Trade Item Number (GTIN). Also known as the Universal Product Code (U.P.C.)*

VN Vendor's (Seller's) Item Number

User Note 1:
Healthcare Industry recommends identification with a GTIN (Global Trade Item Number)

IT111	234	Product/Service ID	X	AN	1/80	Used
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Description: Identifying number for a product or service

IT112	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)

CodeList Summary (Total Codes: 537, Included: 8)

Code Name

CH Country of Origin Code

User Note 1:

GS1 Canada recommends use of the ISO Country Code List 3166-1 Alpha -2 codes. If a product is manufacturer in more than one country, separate the ISO country codes by a space within Data Element 234.

CR Contract Number

User Note 1:

The contract number is provided by the issuing/purchasing organization (when applicable).

EN GTIN EAN/UCC - 13 Digit Data Structure

Description: *Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)*

EO GTIN EAN/UCC - 8 Digit Data Structure

Description: *Data structure for the 8 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)*

IN Buyer's Item Number

User Note 1:

Healthcare Industry recommends identification with a GTIN (Global Trade Item Number)

UK GTIN 14-digit Data Structure

Description: *Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)*

User Note 1:

Codes CA and UK are mutually exclusive.; only one of those codes may be used within this segment.

UP GTIN UCC - 12 Digit Data Structure

Description: *Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN). Also known as the Universal Product Code (U.P.C.)*

VN Vendor's (Seller's) Item Number

User Note 1:

Healthcare Industry recommends identification with a GTIN (Global Trade Item Number)

IT113	234	Product/Service ID	X	AN	1/80	Used
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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.
5. P1213 - If either IT112 or IT113 is present, then the other is required.
6. P1415 - If either IT114 or IT115 is present, then the other is required.
7. P1617 - If either IT116 or IT117 is present, then the other is required.
8. P1819 - If either IT118 or IT119 is present, then the other is required.
9. P2021 - If either IT120 or IT121 is present, then the other is required.
10. P2223 - If either IT122 or IT123 is present, then the other is required.
11. P2425 - If either IT124 or IT125 is present, then the other is required.

Semantics:

1. IT101 is the line item identification.

Comments:

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

TXI Tax Information

Pos: 0400	Max: >1
Detail - Optional	
Loop: IT1	Elements: 6

User Option (Usage): Used

Purpose: To specify tax information

Element Summary:

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

Description: Code specifying the type of tax

CodeList Summary (Total Codes: 102, Included: 7)

Code Name

BE Harmonized Sales Tax

User Note 1:

Canadian HST

CA City Tax

Description: *Service Tax imposed by City*

CP County/Parish Sales Tax

CS City Sales Tax

GS Goods and Services Tax

Description: *Canadian value-added tax*

User Note 1:

Canadian GST

LO Local Tax (Not Sales Tax)

Description: *Service tax imposed on a local level*

SP State/Provincial Tax

Description: *State tax levied which excludes sales or excise taxes*

User Note 1:

Canadian PST or US State Tax

TXI02	782	Monetary Amount	X	R	1/18	Used
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Description: Monetary amount

User Note 1: *The amount is sent with a decimal point only when needed, e.g., \$15.95 would be sent as "15.95", and \$29.00 would be sent as "29".*

TXI03	954	Percentage as Decimal	X	R	1/10	Used
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Description: Percentage expressed as a decimal (e.g., 0.0 through 1.0 represents 0% through 100%)

User Note 1: *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".*

TXI06	441	Tax Exempt Code	X	ID	1/1	Used
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<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<p>Description: Code identifying exemption status from sales and use tax</p> <p>CodeList Summary (Total Codes: 34, Included: 4)</p> <p>Code Name</p> <p>1 Yes (Tax Exempt)</p> <p>2 No (Not Tax Exempt)</p> <p>F Exempt (Goods and Services Tax)</p> <p>G Exempt (Provincial Sales Tax)</p>				
TXI07	662	<p>Relationship Code</p> <p>Description: Code indicating the relationship between entities</p> <p>CodeList Summary (Total Codes: 6, Included: 1)</p> <p>Code Name</p> <p>O Information Only</p>	O	ID	1/1	Used
TXI09	325	<p>Tax Identification Number</p> <p>Description: Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number</p>	O	AN	1/20	Used

Syntax Rules:

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

Semantics:

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

Loop Product/Item Description

Pos: 0600	Repeat: 1000
Optional	
Loop: PID	Elements: N/A

User Option (Usage): Used

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0600	PID	Product/Item Description	O	1		Used

PID Product/Item Description

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

User Option (Usage): Used

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PID01	349	Item Description Type	M	ID	1/1	Must use

Description: Code indicating the format of a description

CodeList Summary (Total Codes: 3, Included: 1)

Code Name

F Free-form

User Note 1:

The description will be found in PID05.

PID05	352	Description	X	AN	1/80	Used
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Description: A free-form description to clarify the related data elements and their content

Syntax Rules:

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

Semantics:

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

Comments:

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

REF Reference Information

Pos: 1200	Max: >1
Detail - Optional	
Loop: IT1	Elements: 4

User Option (Usage): Used

Purpose: To specify identifying information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use
<p>Description: Code qualifying the Reference Identification</p> <p>CodeList Summary (Total Codes: 1813, Included: 5)</p> <p>Code Name</p> <p>BG Beginning Serial Number</p> <p>DP Department Number</p> <p>LT Lot Number</p> <p>OQ Order Number</p> <p>Description: <i>Qualifies a code that identifies the authorizing documentation for a household goods</i></p> <p>SE Serial Number</p>						
REF02	127	Reference Identification	X	AN	1/80	Used
<p>Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</p>						
REF03	352	Description	X	AN	1/80	Used
<p>Description: A free-form description to clarify the related data elements and their content</p>						
REF04	C040	Reference Identifier	O	Comp		Used
<p>Description: To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier</p>						
REF04-01	128	Reference Identification Qualifier	M	ID	2/3	Must use
<p>Description: Code qualifying the Reference Identification</p> <p>CodeList Summary (Total Codes: 1813, Included: 3)</p> <p>Code Name</p> <p>EG Ending Serial Number</p> <p>LT Lot Number</p> <p>SE Serial Number</p>						
REF04-02	127	Reference Identification	M	AN	1/80	Must use

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				

Syntax Rules:

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

Semantics:

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

DTM Date/Time Reference

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

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>										
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use										
<p>Description: Code specifying type of date or time, or both date and time</p> <p>CodeList Summary (Total Codes: 1307, Included: 3)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>011</td> <td>Shipped</td> </tr> <tr> <td>036</td> <td>Expiration</td> </tr> <tr> <td colspan="2">Description: <i>Date coverage expires</i></td> </tr> <tr> <td>094</td> <td>Manufacture</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	011	Shipped	036	Expiration	Description: <i>Date coverage expires</i>		094	Manufacture
<u>Code</u>	<u>Name</u>															
011	Shipped															
036	Expiration															
Description: <i>Date coverage expires</i>																
094	Manufacture															
DTM02	373	Date	X	DT	8/8	Used										
<p>Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year</p>																

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

Loop Service, Promotion, Allowance, or Charge Information

Pos: 1800	Repeat: >1
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

User Note 1:

There is one segment for each Allowance, Charge, Service, or Promotion being specified. If this segment appears in the summary area of the transaction set, the data applies to the entire transaction set. If this segment appears in the detail area of the transaction set, the data applies only to that line item. The data specified in the summary area is exclusive of the data specified in the detail area; it is not the sum of the data in the detail area, i.e., allowances or charges.

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
1800	SAC	Service, Promotion, Allowance, or Charge Information	O	1		Used
1900		Loop TXI	O		>1	Used

SAC Service, Promotion, Allowance, or Charge Information

Pos: 1800	Max: 1
Detail - Optional	
Loop: SAC	Elements: 3

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

User Note 1:

There is one segment for each Allowance, Charge, Service, or Promotion being specified. If this segment appears in the summary area of the transaction set, the data applies to the entire transaction set. If this segment appears in the detail area of the transaction set, the data applies only to that line item. The data specified in the summary area is exclusive of the data specified in the detail area; it is not the sum of the data in the detail area, i.e., allowances or charges.

User Note 2:

As a best practice, the Healthcare Work Group recommends use of the TXI segment for conveying tax information. The SAC segment should be limited to use for service, promotion, allowance and charge information.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SAC01	248	Allowance or Charge Indicator	M	ID	1/1	Must use

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

CodeList Summary (Total Codes: 7, Included: 3)

Code Name

- A Allowance
- C Charge
- N No Allowance or Charge

SAC02	1300	Service, Promotion, Allowance, or Charge Code	X	ID	4/4	Used
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Description: Code identifying the service, promotion, allowance, or charge

User Note 1:

Preferred Canadian tax code usage is listed below.

- D350 Goods and Services credit allowance*
- D360 Goods and Services tax charge*
- H490 Subject to tax on re-sale*
- H770 Tax - State tax*
- H806 Tax credit*

CodeList Summary (Total Codes: 1091, Included: 43)

Code Name

- A170 Adjustments
- A172 Administrative
- B860 Customs Broker Fee

Code Name

- B870 Customs Charge
- B872 Customs Duty
- C030 Delivery Surcharge
- C040 Delivery
- C310 Discount
- C350 Distributor Discount/Allowance
- C510 Dry Ice
- CONC Container Charge
- D170 Free Goods
- D240 Freight
- D260 Fuel Charge
- D270 Fuel Surcharge
- D350 Goods and Services Credit Allowance

User Note 1:

Use for GST and Harmonization Credit Allowance.

- D360 Goods and Services Tax Charge

User Note 1:

Used for GST and HST tax charge.

- D500 Handling
- D530 Hazardous Cargo Charge
- D540 Hazardous Materials Handling Fee - Domestic
- D550 Hazardous Materials Handling Fee - International
- D560 Hazardous Storage
- D570 Heat in Transit Charges
- D880 Installation & Warranty
- D890 Installation and Training
- D900 Installation
- F155 Packaging
- F170 Pallet Exchange Charge
- F180 Pallet
- F780 Proforma Invoice
- F800 Promotional Allowance
- G220 Refrigeration
- G470 Restocking Charge
- G740 Service Charge
- G830 Shipping and Handling
- G970 Small Order Charge
- H430 Storage
- H470 Stripping, Sorting, and Consolidation
- H490 Subject To Tax On Resale

User Note 1:

Used for Provincial Tobacco Tax.

- H770 Tax - State Tax

User Note 1:

Used for Provincial Sales Tax.

- H806 Tax Credit

Code Name

User Note 1:

Used for Provincial Tax Credit.

I580 Warehousing

I590 Warranties

SAC05 610 **Amount** O N2 1/15 Used

Description: Monetary amount

User Note 1: *When SAC01 contains code A or code C, then this data element is required. This will resolve any differences between the sender's and receiver's system calculations of amounts, i.e., rounding errors when allowances or charges are expressed in percentages or rates.*

Syntax Rules:

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

Semantics:

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

Comments:

1. SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction with SAC03 to further define SAC02.
2. In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

Loop Tax Information

Pos: 1900	Repeat: >1
Optional	
Loop: TXI	Elements: N/A

User Option (Usage): Used

Purpose: To specify tax information

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
1900	TXI	Tax Information	O	1		Used

TXI Tax Information

Pos: 1900	Max: 1
Detail - Optional	
Loop: TXI	Elements: 2

User Option (Usage): Used

Purpose: To specify tax information

Element Summary:

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

Description: Code specifying the type of tax

CodeList Summary (Total Codes: 102, Included: 7)

Code Name

BE Harmonized Sales Tax

CA City Tax

Description: *Service Tax imposed by City*

CP County/Parish Sales Tax

CS City Sales Tax

GS Goods and Services Tax

Description: *Canadian value-added tax*

User Note 1:

Canadian GST

LO Local Tax (Not Sales Tax)

Description: *Service tax imposed on a local level*

SP State/Provincial Tax

Description: *State tax levied which excludes sales or excise taxes*

TXI02	782	Monetary Amount	X	R	1/18	Used
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Description: Monetary amount

User Note 1: *The amount is sent with a decimal point only when needed, e.g., \$15.95 would be sent as "15.95", and \$29.00 would be sent as "29".*

Syntax Rules:

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

Semantics:

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

TDS Total Monetary Value Summary

Pos: 0100	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 4

User Option (Usage): Must use

Purpose: To specify the total invoice discounts and amounts

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TDS01	610	Amount	M	N2	1/15	Must use
		Description: Monetary amount				
TDS02	610	Amount	O	N2	1/15	Used
		Description: Monetary amount				
TDS03	610	Amount	O	N2	1/15	Used
		Description: Monetary amount				
TDS04	610	Amount	O	N2	1/15	Used
		Description: Monetary amount				

Semantics:

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

Comments:

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

TXI Tax Information

Pos: 0200	Max: >1
Summary - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

Purpose: To specify tax information

Element Summary:

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

Description: Code specifying the type of tax

CodeList Summary (Total Codes: 102, Included: 7)

Code Name

BE Harmonized Sales Tax

User Note 1:

Canadian HST

CA City Tax

Description: *Service Tax imposed by City*

CP County/Parish Sales Tax

CS City Sales Tax

GS Goods and Services Tax

Description: *Canadian value-added tax*

User Note 1:

Canadian GST

LO Local Tax (Not Sales Tax)

Description: *Service tax imposed on a local level*

SP State/Provincial Tax

Description: *State tax levied which excludes sales or excise taxes*

TXI02	782	Monetary Amount	X	R	1/18	Used
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Description: Monetary amount

User Note 1: *The amount is sent with a decimal point only when needed, e.g., \$15.95 would be sent as "15.95", and \$29.00 would be sent as "29".*

Syntax Rules:

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

Semantics:

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

Loop Service, Promotion, Allowance, or Charge Information

Pos: 0400	Repeat: >1
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

User Note 1:

There is one segment for each Allowance, Charge, Service, or Promotion being specified. If this segment appears in the summary area of the transaction set, the data applies to the entire transaction set. If this segment appears in the detail area of the transaction set, the data applies only to that line item. The data specified in the summary area is exclusive of the data specified in the detail area: it is not the sum of the data in the detail area, i.e., allowances or charges.

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0400	SAC	Service, Promotion, Allowance, or Charge Information	O	1		Used
0500		Loop TXI	O		>1	Used

SAC Service, Promotion, Allowance, or Charge Information

Pos: 0400	Max: 1
Summary - Optional	
Loop: SAC	Elements: 3

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

User Note 1:

There is one segment for each Allowance, Charge, Service, or Promotion being specified. If this segment appears in the summary area of the transaction set, the data applies to the entire transaction set. If this segment appears in the detail area of the transaction set, the data applies only to that line item. The data specified in the summary area is exclusive of the data specified in the detail area: it is not the sum of the data in the detail area, i.e., allowances or charges.

User Note 2:

As a best practice, the Healthcare Work Group recommends use of the TXI segment for conveying tax information. The SAC segment should be limited to use for service, promotion, allowance and charge information.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SAC01	248	Allowance or Charge Indicator	M	ID	1/1	Must use

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

CodeList Summary (Total Codes: 7, Included: 3)

Code Name

- A Allowance
- C Charge
- N No Allowance or Charge

SAC02	1300	Service, Promotion, Allowance, or Charge Code	X	ID	4/4	Used
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Description: Code identifying the service, promotion, allowance, or charge

User Note 1:

Preferred Canadian tax code usage is listed below.

- D350 Goods and Services credit allowance*
- D360 Goods and Services tax charge*
- H490 Subject to tax on re-sale*
- H770 Tax - State tax*
- H806 Tax credit*

CodeList Summary (Total Codes: 1091, Included: 43)

Code Name

- A170 Adjustments
- A172 Administrative
- B860 Customs Broker Fee

Code	Name
B870	Customs Charge
B872	Customs Duty
C030	Delivery Surcharge
C040	Delivery
C310	Discount
C350	Distributor Discount/Allowance
C510	Dry Ice
CONC	Container Charge
D170	Free Goods
D240	Freight
D260	Fuel Charge
D270	Fuel Surcharge
D350	Goods and Services Credit Allowance
User Note 1:	
<i>Use for GST and Harmonization Credit Allowance.</i>	
D360	Goods and Services Tax Charge
User Note 1:	
<i>Used for GST and HST tax charge.</i>	
D500	Handling
D530	Hazardous Cargo Charge
D540	Hazardous Materials Handling Fee - Domestic
D550	Hazardous Materials Handling Fee - International
D560	Hazardous Storage
D570	Heat in Transit Charges
D880	Installation & Warranty
D890	Installation and Training
D900	Installation
F155	Packaging
F170	Pallet Exchange Charge
F180	Pallet
F780	Proforma Invoice
F800	Promotional Allowance
G220	Refrigeration
G470	Restocking Charge
G740	Service Charge
G830	Shipping and Handling
G970	Small Order Charge
H430	Storage
H470	Stripping, Sorting, and Consolidation
H490	Subject To Tax On Resale
User Note 1:	
<i>Used for Provincial Tobacco Tax.</i>	
H770	Tax - State Tax
User Note 1:	
<i>Used for Provincial Sales Tax.</i>	
H806	Tax Credit

Code Name

User Note 1:
Used for Provincial Tax Credit.

I580 Warehousing
I590 Warranties

SAC05 610 **Amount** O N2 1/15 Used

Description: Monetary amount

User Note 1: *When SAC01 contains code A or code C, then this data element is required. This will resolve any differences between the sender's and receiver's system calculations of amounts, i.e., rounding errors when allowances or charges are expressed in percentages or rates.*

Syntax Rules:

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

Semantics:

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

Comments:

1. SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction with SAC03 to further define SAC02.
2. In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

Loop Tax Information

Pos: 0500	Repeat: >1
Optional	
Loop: TXI	Elements: N/A

User Option (Usage): Used

Purpose: To specify tax information

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0500	TXI	Tax Information	O	1		Used

TXI Tax Information

Pos: 0500	Max: 1
Summary - Optional	
Loop: TXI	Elements: 2

User Option (Usage): Used

Purpose: To specify tax information

Element Summary:

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

Description: Code specifying the type of tax

CodeList Summary (Total Codes: 102, Included: 7)

Code Name

BE Harmonized Sales Tax

CA City Tax

Description: *Service Tax imposed by City*

CP County/Parish Sales Tax

CS City Sales Tax

GS Goods and Services Tax

Description: *Canadian value-added tax*

User Note 1:

Canadian GST

LO Local Tax (Not Sales Tax)

Description: *Service tax imposed on a local level*

SP State/Provincial Tax

Description: *State tax levied which excludes sales or excise taxes*

TXI02	782	Monetary Amount	X	R	1/18	Used
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Description: Monetary amount

User Note 1: *The amount is sent with a decimal point only when needed, e.g., \$15.95 would be sent as "15.95", and \$29.00 would be sent as "29".*

Syntax Rules:

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

Semantics:

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

CTT Transaction Totals

Pos: 0700	Max: 1
Summary - Optional	
Loop: N/A	Elements: 1

User Option (Usage): Used

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTT01	354	Number of Line Items	M	N0	1/6	Must use

Description: Total number of line items in the transaction set

User Note 1: *The number of IT1 segments present in the transaction set*

Syntax Rules:

1. P0304 - If either CTT03 or CTT04 is present, then the other is required.
2. P0506 - If either CTT05 or CTT06 is present, then the other is required.

Comments:

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

SE Transaction Set Trailer

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

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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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				
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				
		User Note 1: <i>This must be the same number as is in the ST segment (ST02) for the transaction set.</i>				

Comments:

- SE is the last segment of each transaction set.