



810 Vendor Invoice Implementation Guideline

Version: 4010 Final

Created: 4/15/2013

Modified: 5/29/2013

810**Invoice****Functional Group=IN**

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

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
010	ST	Transaction Set Header	M	1		
020	BIG	Beginning Segment for Invoice	M	1		
030	NTE	Note/Special Instruction	O	100		
040	CUR	Currency	M	1		
050	REF	Reference Identification	O	12		
LOOP ID - N1					200	
070	N1	Name	O	1		
080	N2	Additional Name Information	O	2		
090	N3	Address Information	O	2		
100	N4	Geographic Location	O	1		
130	ITD	Terms of Sale/Deferred Terms of Sale	O	5		
140	DTM	Date/Time Reference	O	10		

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
LOOP ID - IT1					200000	
010	IT1	Baseline Item Data (Invoice)	O	1		
LOOP ID - PID					1000	
060	PID	Product/Item Description	O	1		
120	REF	Reference Identification	O	>1		

Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
010	TDS	Total Monetary Value Summary	M	1		
020	TXI	Tax Information	O	10		
030	CAD	Carrier Detail	O	1		
LOOP ID - SAC					10	
040	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
070	CTT	Transaction Totals	O	1		N3/070
080	SE	Transaction Set Trailer	M	1		

Notes:

3/070 Number of line items (CTT01) is the accumulation of the number of IT1 segments. If used, hash total (CTT02) is the sum of the value of quantities invoiced (IT102) for each IT1 segment.

ST Transaction Set Header

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

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>				
ST01	143	Transaction Set Identifier Code Description: Code uniquely identifying a Transaction Set CodeList Summary (Total Codes: 298, Included: 1) <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	M	ID	3/3
<u>Code</u>	<u>Name</u>								
810	Invoice								
ST02	329	Transaction Set Control Number Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9				

BIG

Beginning Segment for Invoice

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 6

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max								
BIG01	373	Date Description: Date expressed as CCYYMMDD	M	DT	8/8								
BIG02	76	Invoice Number Description: Identifying number assigned by issuer	M	AN	1/22								
BIG03	373	Date Description: Date expressed as CCYYMMDD	O	DT	8/8								
BIG04	324	Purchase Order Number Description: Identifying number for Purchase Order assigned by the orderer/purchaser	O	AN	1/22								
BIG07	640	Transaction Type Code Description: Code specifying the type of transaction CodeList Summary (Total Codes: 446, Included: 2) <table border="1"> <thead> <tr> <th>Code</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>CR</td> <td>Credit Memo</td> </tr> <tr> <td colspan="2">User: Credit Memos sent electronically MUST reference a Tech Data purchase order. Any other credit memos cannot be sent via EDI.</td> </tr> <tr> <td>IN</td> <td>Inquiry</td> </tr> </tbody> </table>	Code	Name	CR	Credit Memo	User: Credit Memos sent electronically MUST reference a Tech Data purchase order. Any other credit memos cannot be sent via EDI.		IN	Inquiry	O	ID	2/2
Code	Name												
CR	Credit Memo												
User: Credit Memos sent electronically MUST reference a Tech Data purchase order. Any other credit memos cannot be sent via EDI.													
IN	Inquiry												
BIG08	353	Transaction Set Purpose Code Description: Code identifying purpose of transaction set CodeList Summary (Total Codes: 65, Included: 1) <table border="1"> <thead> <tr> <th>Code</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>00</td> <td>Original</td> </tr> </tbody> </table>	Code	Name	00	Original	O	ID	2/2				
Code	Name												
00	Original												

Comments:

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

NTE

Note/Special Instruction

Pos: 030	Max: 100
Heading - Optional	
Loop: N/A	Elements: 2

Purpose: To transmit information in a free-form format, if necessary, for comment or special instruction

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
NTE01	363	Note Reference Code	O	ID	3/3
Description: Code identifying the functional area or purpose for which the note applies					
CodeList Summary (Total Codes: 241, Included: 1)					
		<u>Code</u>		<u>Name</u>	
		OTH		Other Instructions	
NTE02	352	Description	M	AN	1/60
Description: A free-form description to clarify the related data elements and their content					

Comments:

1. The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

CUR Currency

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

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>
CUR01	98	Entity Identifier Code	M	ID	2/2
Description: Code identifying an organizational entity, a physical location, property or an individual					
CodeList Summary (Total Codes: 1312, Included: 1)					
		<u>Code</u>		<u>Name</u>	
		SE		Selling Party	
CUR02	100	Currency Code	M	ID	3/3
Description: Code (Standard ISO) for country in whose currency the charges are specified					
User:					
USD = US Dollars					
CAD = Canadian Dollars					

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 Identification

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

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>				
REF01	128	Reference Identification Qualifier Description: Code qualifying the Reference Identification CodeList Summary (Total Codes: 1503, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>VN</td> <td>Vendor Order Number</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	VN	Vendor Order Number	M	ID	2/2
<u>Code</u>	<u>Name</u>								
VN	Vendor Order Number								
REF02	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C	AN	1/30				

Syntax Rules:

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

N1 Name

Pos: 070	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
N101	98	Entity Identifier Code	M	ID	2/3
Description: Code identifying an organizational entity, a physical location, property or an individual					
CodeList Summary (Total Codes: 1312, Included: 2)					
		<u>Code</u>		<u>Name</u>	
		BT		Bill-to-Party	
		ST		Ship To	
N102	93	Name	C	AN	1/35
Description: Free-form name					
N103	66	Identification Code Qualifier	C	ID	1/2
Description: Code designating the system/method of code structure used for Identification Code (67)					
CodeList Summary (Total Codes: 215, Included: 5)					
		<u>Code</u>		<u>Name</u>	
		9		D-U-N-S+4,D-U-N-S Number with Four Character Suffix	
		91		Assigned by Seller or Seller's Agent	
		92		Assigned by Buyer or Buyer's Agent	
		93		Code assigned by the organization originating the transaction set	
		94		Code assigned by the organization that is the ultimate destination of the transaction set	
N104	67	Identification Code	C	AN	2/17
Description: Code identifying a party or other code					

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: 080	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
N201	93	Name Description: Free-form name	M	AN	1/35
N202	93	Name Description: Free-form name	O	AN	1/25

N3

Address Information

Pos: 090	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

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>
N301	166	Address Information Description: Address information	M	AN	1/35
N302	166	Address Information Description: Address information	O	AN	1/35

N4 Geographic Location

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

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>
N401	19	City Name Description: Free-form text for city name	O	AN	2/35
N402	156	State or Province Code Description: Code (Standard State/Province) as defined by appropriate government agency	O	ID	2/2
N403	116	Postal Code Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O	ID	3/9

Syntax Rules:

1. C0605 - If N406 is present, then N405 is required.

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

ITD

Terms of Sale/Deferred Terms of Sale

Pos: 130	Max: 5
Heading - Optional	
Loop: N/A	Elements: 7

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>				
ITD01	336	Terms Type Code Description: Code identifying type of payment terms CodeList Summary (Total Codes: 65, Included: 1) <table border="1"> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> <tr> <td>01</td> <td>Basic</td> </tr> </table>	<u>Code</u>	<u>Name</u>	01	Basic	O	ID	2/2
<u>Code</u>	<u>Name</u>								
01	Basic								
ITD02	333	Terms Basis Date Code Description: Code identifying the beginning of the terms period CodeList Summary (Total Codes: 17, Included: 1) <table border="1"> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> <tr> <td>3</td> <td>Invoice Date</td> </tr> </table>	<u>Code</u>	<u>Name</u>	3	Invoice Date	O	ID	1/2
<u>Code</u>	<u>Name</u>								
3	Invoice Date								
ITD03	338	Terms Discount Percent 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	O	R	1/6				
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	C	N0	1/3				
ITD07	386	Terms Net Days Description: Number of days until total invoice amount is due (discount not applicable)	O	N0	1/3				
ITD08	362	Terms Discount Amount Description: Total amount of terms discount	O	N2	1/10				
ITD12	352	Description Description: A free-form description to clarify the related data elements and their content	O	AN	1/80				

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.

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

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>				
DTM01	374	Date/Time Qualifier Description: Code specifying type of date or time, or both date and time CodeList Summary (Total Codes: 1112, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>017</td> <td>Estimated Delivery</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	017	Estimated Delivery	M	ID	3/3
<u>Code</u>	<u>Name</u>								
017	Estimated Delivery								
DTM02	373	Date Description: Date expressed as CCYYMMDD	C	DT	8/8				

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.

IT1

Baseline Item Data (Invoice)

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

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>								
IT101	350	Assigned Identification Description: Alphanumeric characters assigned for differentiation within a transaction set User: Original line number from purchase order	O	AN	1/6								
IT102	358	Quantity Invoiced Description: Number of units invoiced (supplier units)	C	R	1/5								
IT103	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken User: Should match unit of measure on purchase order CodeList Summary (Total Codes: 794, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>EA</td> <td>Each</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	EA	Each	C	ID	2/2				
<u>Code</u>	<u>Name</u>												
EA	Each												
IT104	212	Unit Price Description: Price per unit of product, service, commodity, etc. User: Rate charged per unit of measure less discount percent, but not to include order level discounts or allowances. The price is expressed in dollars. The price should be sent with a decimal point only when needed. To indicate free goods, use a single zero with code NC in IT105.	C	R	1/8								
IT105	639	Basis of Unit Price Code Description: Code identifying the type of unit price for an item CodeList Summary (Total Codes: 91, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>CP</td> <td>Current Price (Subject to Change)</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	CP	Current Price (Subject to Change)	O	ID	2/2				
<u>Code</u>	<u>Name</u>												
CP	Current Price (Subject to Change)												
IT106	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) CodeList Summary (Total Codes: 477, Included: 3) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>BP</td> <td>Buyer's Part Number User: Tech Data's part number</td> </tr> <tr> <td>UP</td> <td>U.P.C. Consumer Package Code (1-5-5-1)</td> </tr> <tr> <td>VP</td> <td>Vendor's (Seller's) Part Number User: Manufacturer's or vendor's part number</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	BP	Buyer's Part Number User: Tech Data's part number	UP	U.P.C. Consumer Package Code (1-5-5-1)	VP	Vendor's (Seller's) Part Number User: Manufacturer's or vendor's part number	C	ID	2/2
<u>Code</u>	<u>Name</u>												
BP	Buyer's Part Number User: Tech Data's part number												
UP	U.P.C. Consumer Package Code (1-5-5-1)												
VP	Vendor's (Seller's) Part Number User: Manufacturer's or vendor's part number												
IT107	234	Product/Service ID Description: Identifying number for a product or service	C	AN	1/30								
IT108	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C	ID	2/2								
IT109	234	Product/Service ID Description: Identifying number for a product or service	C	AN	1/30								

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.

Comments:

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

PID Product/Item Description

Pos: 060	Max: 1
Detail - Optional	
Loop: PID	Elements: 2

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>
PID01	349	Item Description Type	M	ID	1/1
Description: Code indicating the format of a description					
CodeList Summary (Total Codes: 3, Included: 1)					
		<u>Code</u>		<u>Name</u>	
		F		Free-form	
PID05	352	Description	C	AN	1/80
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.

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 Identification

Pos: 120	Max: >1
Detail - Optional	
Loop: IT1	Elements: 2

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>				
REF01	128	Reference Identification Qualifier Description: Code qualifying the Reference Identification CodeList Summary (Total Codes: 1503, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>SE</td> <td>Serial Number</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	SE	Serial Number	M	ID	2/2
<u>Code</u>	<u>Name</u>								
SE	Serial Number								
REF02	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C	AN	1/30				

Syntax Rules:

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

User:

REF segment is required if the product is serialized.

TDS

Total Monetary Value Summary

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

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>
TDS01	610	Amount	M	N2	1/15

Description: Monetary amount

User: Total Invoice Amount - amount of invoice (including charges, less allowances) before terms discount (if applicable).

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: 020	Max: 10
Summary - Optional	
Loop: N/A	Elements: 5

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>												
TXI01	963	Tax Type Code Description: Code specifying the type of tax CodeList Summary (Total Codes: 74, Included: 5) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>CS</td> <td>City Sales Tax</td> </tr> <tr> <td>CT</td> <td>County Tax</td> </tr> <tr> <td>GS</td> <td>Goods and Services Tax Description: Canadian value-added tax</td> </tr> <tr> <td>HS</td> <td>Public Health and Education Tax</td> </tr> <tr> <td>ST</td> <td>State Sales Tax</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	CS	City Sales Tax	CT	County Tax	GS	Goods and Services Tax Description: Canadian value-added tax	HS	Public Health and Education Tax	ST	State Sales Tax	M	ID	2/2
<u>Code</u>	<u>Name</u>																
CS	City Sales Tax																
CT	County Tax																
GS	Goods and Services Tax Description: Canadian value-added tax																
HS	Public Health and Education Tax																
ST	State Sales Tax																
TXI02	782	Monetary Amount Description: Monetary amount	C	R	1/18												
TXI03	954	Percent Description: Percentage expressed as a decimal	C	R	1/10												
TXI04	955	Tax Jurisdiction Code Qualifier Description: Code identifying the source of the data used in tax jurisdiction code CodeList Summary (Total Codes: 3, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>CD</td> <td>Customer defined</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	CD	Customer defined	C	ID	2/2								
<u>Code</u>	<u>Name</u>																
CD	Customer defined																
TXI05	956	Tax Jurisdiction Code Description: Code identifying the taxing jurisdiction	C	AN	1/10												

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.

CAD

Carrier Detail

Pos: 030	Max: 1
Summary - Optional	
Loop: N/A	Elements: 5

Purpose: To specify transportation details for the transaction

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
CAD01	91	Transportation Method/Type Code	O	ID	1/2
Description: Code specifying the method or type of transportation for the shipment					
CodeList Summary (Total Codes: 71, Included: 12)					
		<u>Code</u>		<u>Name</u>	
		A		Air	
		D		Parcel Post	
		H		Customer Pickup	
		L		Contract Carrier	
		M		Motor (Common Carrier)	
		P		Private Carrier	
		R		Rail	
		S		Ocean	
		T		Best Way (Shippers Option)	
		U		Private Parcel Service	
		AE		Air Express	
		BP		Book Postal	
CAD04	140	Standard Carrier Alpha Code	C	ID	2/4
Description: Standard Carrier Alpha Code					
CAD05	387	Routing	C	AN	1/35
Description: Free-form description of the routing or requested routing for shipment, or the originating carrier's identity					
CAD07	128	Reference Identification Qualifier	O	ID	2/2
Description: Code qualifying the Reference Identification					
CodeList Summary (Total Codes: 1503, Included: 3)					
		<u>Code</u>		<u>Name</u>	
		BM		Bill of Lading Number	
		CN		Carrier's Reference Number (PRO/Invoice)	
		SI		Shipper's Identifying Number for Shipment (SID)	
CAD08	127	Reference Identification	C	AN	1/30
Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier					

Syntax Rules:

1. R0504 - At least one of CAD05 or CAD04 is required.
2. C0708 - If CAD07 is present, then CAD08 is required.

User:

CAD is required if the product is tangible and the order is a 3rd party PO.

SAC

Service, Promotion, Allowance, or Charge Information

Pos: 040	Max: 1
Summary - Optional	
Loop: SAC	Elements: 5

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
SAC01	248	Allowance or Charge Indicator	M	ID	1/1
Description: Code which indicates an allowance or charge for the service specified					
CodeList Summary (Total Codes: 7, Included: 2)					
		<u>Code</u>	<u>Name</u>		
		A	Allowance		
		C	Charge		
SAC03	559	Agency Qualifier Code	C	ID	2/2
Description: Code identifying the agency assigning the code values					
CodeList Summary (Total Codes: 176, Included: 1)					
		<u>Code</u>	<u>Name</u>		
		AX	ANSI Accredited Standards Committee,X12		
SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code	C	AN	1/3
Description: Agency maintained code identifying the service, promotion, allowance, or charge					
User:					
FCD - Freight Charges to Destination					
RAJ - Restocking Charge					
SAC05	610	Amount	O	N2	1/15
Description: Monetary amount					
SAC12	331	Allowance or Charge Method of Handling Code	O	ID	2/2
Description: Code indicating method of handling for an allowance or charge					
CodeList Summary (Total Codes: 22, Included: 2)					
		<u>Code</u>	<u>Name</u>		
		02	Off Invoice		
		06	Charge to be Paid by Customer		

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. L130204 - If SAC13 is present, then at least one of SAC02 or SAC04 is required.
7. C1413 - If SAC14 is present, then SAC13 is required.
8. C1615 - If SAC16 is present, then SAC15 is required.

Comments:

1. SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in 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.

CTT

Transaction Totals

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

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>
CTT01	354	Number of Line Items	M	NO	1/6

Description: Total number of line items 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.

User:

Tech Data requires this segment to be sent.

SE Transaction Set Trailer

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

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>
SE01	96	Number of Included Segments	M	NO	1/10

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

Comments:

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