

# 810

# NORDSTROM CANADA Invoice

## Functional Group=IN

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

**Not Defined:**

<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>
	ISA	Interchange Control Header	M	1			Used
	GS	Functional Group Header	M	1			Used

**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>
010	ST	Transaction Set Header	M	1			Must use
020	BIG	Beginning Segment for Invoice	M	1			Must use
050	REF	Reference Identification	M	12			Must use

<u>LOOP ID - N1</u>					<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
070	N1	Name	M	1	200	-	Must use
130	ITD	Terms of Sale/Deferred Terms of Sale	M	>1			Must use
140	DTM	Date/Time Reference	M	10			Must use

**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>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	IT1	Baseline Item Data (Invoice)	M	1	200000	-	Must use
050	CTP	Pricing Information	O	25			Used
<u>LOOP ID - PID</u>					<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
060	PID	Product/Item Description	O	1	1000	-	Used
<u>LOOP ID - SAC</u>					<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
180	SAC	Service, Promotion, Allowance, or Charge Information	O	1	25	-	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>
010	TDS	Total Monetary Value Summary	M	1			Must use
030	CAD	Carrier Detail	O	1			Used
<u>LOOP ID - SAC</u>					<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
040	SAC	Service, Promotion, Allowance, or Charge Information	O	1	25	-	Used
<u>LOOP ID - ISS</u>					<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
060	ISS	Invoice Shipment Summary	O	1	>1	-	Used
070	CTT	Transaction Totals	M	1		N3/070	Must use
080	SE	Transaction Set Trailer	M	1			Must use

**Not Defined:**

<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>
	GE	Functional Group Trailer	M	1			Used
	IEA	Interchange Control Trailer	M	1			Used

**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.

**Note:**

The following information is required on all Merchandise Invoices:

- Purchase Order Number (8 digit identifier)
- Valid Supplier/Vendor Number
- Invoice Date and Ship Date
- Unique Invoice Number - not longer than 10-digits (duplicates are rejected)
- Department Number
- Payment Terms
- Payment Date Due (Or Days Due)
- Store Number - (N1-ST field on 810) 'sold to' store # (or DC # on consolidated invoices)
- Ship To' Location - (N1-BY field on 810) Distribution Center or Store Number where merchandise was shipped
- UPC/EAN Numbers and the Number of Units per item.
- Unit cost and total Cost per UPC/EAN
- Total Units shipped (excluding 'back ordered' or 'no charge' items).
- Total Cost (Separate out any special charges)
- Do NOT include freight charges (see Freight Invoicing & Reimbursement in Accounts Payable section).

Invoices missing any of the required fields or which include freight charges will be rejected. We require ONE invoice, per PO, per destination (per shipment if multiple shipments per PO). If you are registered and required to bill GST/HST (VAT) in Canada, please follow instructions on page 24.

Nordstrom sends a 997 (functional acknowledgment) back within 24 hours for any inbound file we receive. Please be aware a 997 indicates receipt of a file only. A 997 does not indicate the data was processed through Nordstrom's AP system successfully. To ensure Nordstrom is receiving any 810 files from your company, please be sure to monitor your 997's.

For questions about payment of invoices please email at [merch.ap@nordstrom.com](mailto:merch.ap@nordstrom.com) or call 206-233-1080 (press option 2).

# ISA Interchange Control Header

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

**User Option (Usage):** Used

**Purpose:** To start and identify an interchange of zero or more functional groups and interchange-related control 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>
ISA01	I01	<b>Authorization Information Qualifier</b>	M	ID	2/2	Must use
<b>Description:</b> Code to identify the type of information in the Authorization Information						
		<u>Code</u>	<u>Name</u>			
		00	No Authorization Information Present (No Meaningful Information in I02)			
ISA02	I02	<b>Authorization Information</b>	M	AN	10/10	Must use
<b>Description:</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)						
<b>Note:</b> Spaces						
ISA03	I03	<b>Security Information Qualifier</b>	M	ID	2/2	Must use
<b>Description:</b> Code to identify the type of information in the Security Information						
		<u>Code</u>	<u>Name</u>			
		00	No Security Information Present (No Meaningful Information in I04)			
ISA04	I04	<b>Security Information</b>	M	AN	10/10	Must use
<b>Description:</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)						
<b>Note:</b> Spaces						
ISA05	I05	<b>Interchange ID Qualifier</b>	M	ID	2/2	Must use
<b>Description:</b> Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified						
<b>Note:</b> Qualifier selected by Sender						
		<u>Code</u>	<u>Name</u>			
		01	Duns (Dun & Bradstreet)			
		08	UCC EDI Communications ID (Comm ID)			
		12	Phone (Telephone Companies)			
		ZZ	Mutually Defined			
ISA06	I06	<b>Interchange Sender ID</b>	M	AN	15/15	Must use
<b>Description:</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						
<b>Note:</b> Sender ID selected by Sender						
ISA07	I05	<b>Interchange ID Qualifier</b>	M	ID	2/2	Must use
<b>Description:</b> Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified						
<b>Note:</b> Nordstrom's qualifier is 'ZZ'						

		<u>Code</u>	<u>Name</u>				
		ZZ	Mutually Defined				
ISA08	I07	<b>Interchange Receiver ID</b>		M	AN	15/15	Must use
		<p><b>Description:</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</p> <p><b>Note:</b> Nordstrom's receiver ID is 'NORDJWN'</p>					
ISA09	I08	<b>Interchange Date</b>		M	DT	6/6	Must use
		<b>Description:</b> Date of the interchange					
ISA10	I09	<b>Interchange Time</b>		M	TM	4/4	Must use
		<b>Description:</b> Time of the interchange					
ISA11	I10	<b>Interchange Control Standards Identifier</b>		M	ID	1/1	Must use
		<p><b>Description:</b> Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer</p> <p><b>All valid standard codes are used.</b></p>					
ISA12	I11	<b>Interchange Control Version Number</b>		M	ID	5/5	Must use
		<b>Description:</b> This version number covers the interchange control segments					
		<u>Code</u>	<u>Name</u>				
		00401	Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997				
ISA13	I12	<b>Interchange Control Number</b>		M	N0	9/9	Must use
		<b>Description:</b> A control number assigned by the interchange sender					
ISA14	I13	<b>Acknowledgment Requested</b>		M	ID	1/1	Must use
		<b>Description:</b> Code sent by the sender to request an interchange acknowledgment (TA1)					
		<u>Code</u>	<u>Name</u>				
		0	No Acknowledgment Requested				
ISA15	I14	<b>Usage Indicator</b>		M	ID	1/1	Must use
		<b>Description:</b> Code to indicate whether data enclosed by this interchange envelope is test, production or information					
		<u>Code</u>	<u>Name</u>				
		P	Production Data				
		T	Test Data				
ISA16	I15	<b>Component Element Separator</b>		M		1/1	Must use
		<p><b>Description:</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</p> <p><b>Note:</b> '&gt;'</p>					

# GS

## Functional Group Header

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

**User Option (Usage):** Used

**Purpose:** To indicate the beginning of a functional group and to provide control 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>
GS01	479	<b>Functional Identifier Code</b> <b>Description:</b> Code identifying a group of application related transaction sets	M	ID	2/2	Must use
		<b>Code</b> <b>Name</b> IN                  Invoice Information (810,819)				
GS02	142	<b>Application Sender's Code</b> <b>Description:</b> Code identifying party sending transmission; codes agreed to by trading partners <b>Note:</b> <i>Sender ID selected by Sender</i>	M	AN	2/15	Must use
GS03	124	<b>Application Receiver's Code</b> <b>Description:</b> Code identifying party receiving transmission. Codes agreed to by trading partners <b>Note:</b> <i>Nordstrom's receiver ID is 'NORDJWN'</i>	M	AN	2/15	Must use
GS04	373	<b>Date</b> <b>Description:</b> Date expressed as CCYYMMDD	M	DT	8/8	Must use
GS05	337	<b>Time</b> <b>Description:</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	M	TM	4/8	Must use
GS06	28	<b>Group Control Number</b> <b>Description:</b> Assigned number originated and maintained by the sender	M	N0	1/9	Must use
GS07	455	<b>Responsible Agency Code</b> <b>Description:</b> Code used in conjunction with Data Element 480 to identify the issuer of the standard	M	ID	1/2	Must use
		<b>Code</b> <b>Name</b> X                  Accredited Standards Committee X12				
GS08	480	<b>Version / Release / Industry Identifier Code</b> <b>Description:</b> Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed	M	AN	1/12	Must use
		<b>Code</b> <b>Name</b> 004010VICS      Standards Approved for Publication by ASC X12 Procedures Review Board October 1997				

# ST Transaction Set Header

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

**User Option (Usage):** Must use

**Purpose:** To indicate the start of a transaction set and to assign a control number

### Element Summary:

<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	<b>Transaction Set Identifier Code</b>	M	ID	3/3	Must use
<b>Description:</b> Code uniquely identifying a Transaction Set						
		<u>Code</u>	<u>Name</u>			
		810	Invoice			
ST02	329	<b>Transaction Set Control Number</b>	M	AN	4/9	Must use
<b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set						
<b>Note:</b> <i>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.</i>						

# BIG

## Beginning Segment for Invoice

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

**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>Reg</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BIG01	373	<b>Date</b> <b>Description:</b> Date expressed as CCYYMMDD <b>Note:</b> Date invoice was generated. Displayed in CCYYMMDD format. Future dates are not valid. Dates over 17 months old are not valid. Date should be the same as the shipment date.	M	DT	8/8	Must use
BIG02	76	<b>Invoice Number</b> <b>Description:</b> Identifying number assigned by issuer <b>Note:</b> Must be a unique invoice number no longer than 10-digits in length.  Duplicates will reject from the AP system.	M	AN	1/10	Must use
BIG03	373	<b>Date</b> <b>Description:</b> Date expressed as CCYYMMDD	O	DT	8/8	Not used
BIG04	324	<b>Purchase Order Number</b> <b>Description:</b> Identifying number for Purchase Order assigned by the orderer/purchaser <b>Note:</b> Nordstrom's original purchase order number	M	AN	8/8	Must use

# REF Reference Identification

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

**User Option (Usage):** Must use  
**Purpose:** To specify identifying information

## Element Summary:

<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

<u>Code</u>	<u>Name</u>
DP	Department Number

**Note:**  
*Nordstrom department number where merchandise will be sold. Nordstrom department numbers are 4-digit numeric with leading 0's. For example, department 28 should be sent as 0028.*

IA	Internal Vendor Number
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**Note:**  
*Nordstrom assigned Vendor/Supplier Number. This number is REQUIRED for any invoice to be processed successfully by Nordstrom. The Supplier number can be found in the REF/IA segment on the original 850 and the Vendor number in the N1/TO segment. The maximum allowable length is 10.*

IV	Seller's Invoice Number
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**Note:**  
*Vendor's Packing Slip Number, Picking Ticket Number or Control Number. The maximum allowable length is 10.*

REF02	127	Reference Identification	M	AN	1/10	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.

## Note:

*There should always be three occurrences of the REF segment.*



# N1

# Name

<b>Pos: 070</b>	<b>Max: 1</b>
<b>Heading - Mandatory</b>	
<b>Loop: N1</b>	<b>Elements: 4</b>

**User Option (Usage):** Must use

**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>	<u>Usage</u>
N101	98	<b>Entity Identifier Code</b>	M	ID	2/3	Must use

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

**Code**

**Name**

BY Buying Party (Purchaser)

**Note:**

*Ship to Location (Store or Distribution Center)*

ST Ship To

**Note:**

*Ship to Location (Store or Distribution Center)*

N102	93	<b>Name</b>	C	AN	1/60	Not used
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**Description:** Free-form name

N103	66	<b>Identification Code Qualifier</b>	C	ID	1/2	Must use
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**Description:** Code designating the system/method of code structure used for Identification Code (67)

**Code**

**Name**

92 Assigned by Buyer or Buyer's Agent

N104	67	<b>Identification Code</b>	C	AN	4/4	Must use
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**Description:** Code identifying a party or other code

**Note:** *Note: Nordstrom requires one invoice per PO, per shipment per destination. Always invoice according to the ship-to destination.*

*Most Nordstrom shipments go to a Distribution Center. In this case, both N1 segments (N101 = BY and N101=ST) should contain the Distribution Center number in the N104.*

*In the event of a Direct to Store shipment, both N1 segments (N101 = BY and N101=ST) should contain the Store number in the N104.*

*Both must be 4-digit numeric with leading 0's. For example Distribution Center 89 would be sent as '0089'. See Store Directory in the Appendix on our web site for a complete list of Nordstrom locations.*

### 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.

ITD

# Terms of Sale/Deferred Terms of Sale

Pos: 130	Max: >1
Heading - Mandatory	
Loop: N/A	Elements: 13

**User Option (Usage):** Must use  
**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	<b>Terms Type Code</b> <b>Description:</b> Code identifying type of payment terms	O	ID	2/2	Must use												
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>01</td> <td>Basic</td> </tr> <tr> <td>02</td> <td>End of Month (EOM)</td> </tr> <tr> <td>05</td> <td>Discount Not Applicable</td> </tr> <tr> <td>08</td> <td>Basic Discount Offered</td> </tr> <tr> <td>12</td> <td>10 Days After End of Month (10 EOM)</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	01	Basic	02	End of Month (EOM)	05	Discount Not Applicable	08	Basic Discount Offered	12	10 Days After End of Month (10 EOM)				
<u>Code</u>	<u>Name</u>																	
01	Basic																	
02	End of Month (EOM)																	
05	Discount Not Applicable																	
08	Basic Discount Offered																	
12	10 Days After End of Month (10 EOM)																	
ITD02	333	<b>Terms Basis Date Code</b> <b>Description:</b> Code identifying the beginning of the terms period	O	ID	1/2	Must use												
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>15</td> <td>Receipt of Goods</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	15	Receipt of Goods												
<u>Code</u>	<u>Name</u>																	
15	Receipt of Goods																	
ITD03	338	<b>Terms Discount Percent</b> <b>Description:</b> Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date <b>Note:</b> <i>Percentage of merchandise cost discounted if invoice is paid before the terms discount due date (ITD04). 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	Used												
ITD04	370	<b>Terms Discount Due Date</b> <b>Description:</b> Date payment is due if discount is to be earned expressed in format CCYYMMDD	C	DT	8/8	Used												
ITD05	351	<b>Terms Discount Days Due</b> <b>Description:</b> Number of days in the terms discount period by which payment is due if terms discount is earned	C	N0	1/3	Used												
ITD06	446	<b>Terms Net Due Date</b> <b>Description:</b> Date when total invoice amount becomes due expressed in format CCYYMMDD	O	DT	8/8	Used												
ITD07	386	<b>Terms Net Days</b> <b>Description:</b> Number of days until total invoice amount is due (discount not applicable)	O	N0	1/3	Used												
ITD08	362	<b>Terms Discount Amount</b> <b>Description:</b> Total amount of terms discount <b>Note:</b> <i>Dollar amount of invoice merchandise cost discounted if invoice is paid on or before Terms Discount Due Date (ITD04).</i>	O	N2	1/10	Used												
ITD09	388	<b>Terms Deferred Due Date</b> <b>Description:</b> Date deferred payment or percent of	O	DT	8/8	Not used												

invoice payable is due expressed in format  
CCYYMMDD

ITD10	389	<b>Deferred Amount Due</b> <b>Description:</b> Deferred amount due for payment	C	N2	1/10	Not used
ITD11	342	<b>Percent of Invoice Payable</b> <b>Description:</b> Amount of invoice payable expressed in percent	C	R	1/5	Not used
ITD12	352	<b>Description</b> <b>Description:</b> A free-form description to clarify the related data elements and their content	O	AN	1/80	Not used
ITD13	765	<b>Day of Month</b> <b>Description:</b> The numeric value of the day of the month between 1 and the maximum day of the month being referenced <b>Note:</b> <i>If using codes '02' or '12' in ITD01, this is the number of days after EOM the invoice is due.</i>	C	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.

### Note:

*For best results, payment terms should match the PO/850.*

*Payment Due Date or Days Due is required in order for the invoice to load successfully into Nordstrom's AP system.*

# DTM Date/Time Reference

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

**User Option (Usage):** Must use

**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	<b>Date/Time Qualifier</b>	M	ID	3/3	Must use
<b>Description:</b> Code specifying type of date or time, or both date and time						
		<u>Code</u>	<u>Name</u>			
		011	Shipped			
DTM02	373	<b>Date</b>	C	DT	8/8	Must use
<b>Description:</b> Date expressed as CCYYMMDD						

## Syntax Rules:

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

# IT1

## Baseline Item Data (Invoice)

Pos: 010	Max: 1
Detail - Mandatory	
Loop: IT1	Elements: 7

**User Option (Usage):** Must use

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

### Element Summary:

<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	<b>Assigned Identification</b> <b>Description:</b> Alphanumeric characters assigned for differentiation within a transaction set <b>Note:</b> <i>Invoice line number.</i>	O	AN	1/20	Used																																
IT102	358	<b>Quantity Invoiced</b> <b>Description:</b> Number of units invoiced (supplier units) <b>Note:</b> <i>Units shipped per line item.</i>	C	R	1/10	Must use																																
IT103	355	<b>Unit or Basis for Measurement Code</b> <b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken  <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr><td>DZ</td><td>Dozen</td></tr> <tr><td>EA</td><td>Each</td></tr> <tr><td>EP</td><td>Eleven pack</td></tr> <tr><td>OP</td><td>Two pack</td></tr> <tr><td>P3</td><td>Three pack</td></tr> <tr><td>P4</td><td>Four-pack</td></tr> <tr><td>P5</td><td>Five-pack</td></tr> <tr><td>P6</td><td>Six pack</td></tr> <tr><td>P7</td><td>Seven pack</td></tr> <tr><td>P8</td><td>Eight-pack</td></tr> <tr><td>P9</td><td>Nine pack</td></tr> <tr><td>PC</td><td>Piece</td></tr> <tr><td>PR</td><td>Pair</td></tr> <tr><td>ST</td><td>Set</td></tr> <tr><td>TP</td><td>Ten-pack</td></tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	DZ	Dozen	EA	Each	EP	Eleven pack	OP	Two pack	P3	Three pack	P4	Four-pack	P5	Five-pack	P6	Six pack	P7	Seven pack	P8	Eight-pack	P9	Nine pack	PC	Piece	PR	Pair	ST	Set	TP	Ten-pack	C	ID	2/2	Must use
<u>Code</u>	<u>Name</u>																																					
DZ	Dozen																																					
EA	Each																																					
EP	Eleven pack																																					
OP	Two pack																																					
P3	Three pack																																					
P4	Four-pack																																					
P5	Five-pack																																					
P6	Six pack																																					
P7	Seven pack																																					
P8	Eight-pack																																					
P9	Nine pack																																					
PC	Piece																																					
PR	Pair																																					
ST	Set																																					
TP	Ten-pack																																					
IT104	212	<b>Unit Price</b> <b>Description:</b> Price per unit of product, service, commodity, etc. <b>Note:</b> <i>Price per unit. 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".</i>	C	R	1/17	Must use																																
IT105	639	<b>Basis of Unit Price Code</b> <b>Description:</b> Code identifying the type of unit price for an item <b>Note:</b> <i>This data element is used to clarify or alter the basis of unit price. The unit price expressed in IT104 is always in the same terms as the unit of measure in IT103, unless otherwise specified in IT105.</i>  <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>LD</td> <td>Catalog Price per Dozen</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	LD	Catalog Price per Dozen	O	ID	2/2	Must use																												
<u>Code</u>	<u>Name</u>																																					
LD	Catalog Price per Dozen																																					

LE Catalog Price per Each  
 NC No Charge  
 PE Price per Each  
 QT Quoted  
 WD Wholesale Price per Dozen  
 WE Wholesale Price per Each

IT106 235 **Product/Service ID Qualifier** C ID 2/2 Must use

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

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

IT107 234 **Product/Service ID** C AN 1/48 Must use

**Description:** Identifying number for a product or service

**Note:** *UPC/EAN Code*

**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.

# CTP Pricing Information

Pos: 050	Max: 25
Detail - Optional	
Loop: IT1	Elements: 3

**User Option (Usage):** Used  
**Purpose:** To specify pricing 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>														
CTP01	687	<b>Class of Trade Code</b> <i>Description:</i> Code indicating class of trade	O	ID	2/2	Not used														
CTP02	236	<b>Price Identifier Code</b> <i>Description:</i> Code identifying pricing specification <i>Note:</i> Required if merchandise is being purchased at special cost lower than the unit cost reported in the IT1 segment.	C	ID	3/3	Must use														
		<table border="0"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>ALT</td> <td>Alternate Price</td> </tr> <tr> <td>MSR</td> <td>Manufacturer's Suggested Retail</td> </tr> <tr> <td>PRP</td> <td>Promotional price</td> </tr> <tr> <td></td> <td><b>Note:</b> <i>Promotion/Event</i></td> </tr> <tr> <td>RES</td> <td>Resale</td> </tr> <tr> <td></td> <td><b>Note:</b> <i>Retail price</i></td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	ALT	Alternate Price	MSR	Manufacturer's Suggested Retail	PRP	Promotional price		<b>Note:</b> <i>Promotion/Event</i>	RES	Resale		<b>Note:</b> <i>Retail price</i>				
<u>Code</u>	<u>Name</u>																			
ALT	Alternate Price																			
MSR	Manufacturer's Suggested Retail																			
PRP	Promotional price																			
	<b>Note:</b> <i>Promotion/Event</i>																			
RES	Resale																			
	<b>Note:</b> <i>Retail price</i>																			
CTP03	212	<b>Unit Price</b> <i>Description:</i> Price per unit of product, service, commodity, etc. <i>Note:</i> 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".	C	R	1/17	Must use														

# PID

# Product/Item Description

Pos: 060	Max: 1
Detail - Optional	
Loop: PID	Elements: 5

**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	<b>Item Description Type</b>	M	ID	1/1	Must use
		<b>Description:</b> Code indicating the format of a description				
		<u>Code</u>		<u>Name</u>		
		F		Free-form		
		<b>Note:</b> <i>The description will be found in PID05.</i>				
PID02	750	<b>Product/Process Characteristic Code</b>	O	ID	2/3	Not used
		<b>Description:</b> Code identifying the general class of a product or process characteristic				
PID03	559	<b>Agency Qualifier Code</b>	C	ID	2/2	Not used
		<b>Description:</b> Code identifying the agency assigning the code values				
PID04	751	<b>Product Description Code</b>	C	AN	1/12	Not used
		<b>Description:</b> A code from an industry code list which provides specific data about a product characteristic				
PID05	352	<b>Description</b>	C	AN	1/80	Must use
		<b>Description:</b> A free-form description to clarify the related data elements and their content				
		<b>Note:</b> <i>Style Description</i>				

## Syntax Rules:

1. C0403 - If PID04 is present, then PID03 is required.
2. R0405 - At least one of PID04 or PID05 is required.

## Note:

*The PID segment is used to provide product/item descriptions in text and/or coded formats.*



# SAC Service, Promotion, Allowance, or Charge Information

Pos: 180	Max: 1
Detail - Optional	
Loop: SAC	Elements: 12

**User Option (Usage):** Used

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

## Element Summary:

<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	<b>Allowance or Charge Indicator</b>	M	ID	1/1	Must use
<b>Description:</b> Code which indicates an allowance or charge for the service specified						
		<u>Code</u>	<u>Name</u>			
		C	Charge			
SAC02	1300	<b>Service, Promotion, Allowance, or Charge Code</b>	C	ID	4/4	Used
<b>Description:</b> Code identifying the service, promotion, allowance, or charge						
		<u>Code</u>	<u>Name</u>			
		A260	Advertising Allowance			
		A530	Basic Reorder Allowance			
		B320	Competitive Allowance			
		B340	Competitive Price			
		B720	Cooperative Advertising/Merchandising Allowance (Performance)			
		B940	Cutting Charge			
		B950	Damaged Merchandise			
		C000	Defective Allowance			
		C260	Discount - Incentive			
		C310	Discount			
		C350	Distributor Discount/Allowance			
		C540	Early Buy Allowance			
		C550	Early Payment Allowance			
		D500	Handling			
		D920	Insurance Fee			
		D970	Insurance Surcharge			
		D980	Insurance			
		E740	New Store Allowance			
		E750	New Store Discount			
		F800	Promotional Allowance			
		F810	Promotional Discount			
		F910	Quantity Discount			
		G440	Resellers Discount			
		G470	Restocking Charge			
		G740	Service Charge			
		G870	Shrink-Wrap Charge			
		G890	Single Invoice Allowance			
		G970	Small Order Charge			
		H000	Special Allowance			
		H010	Special Buy			
		H060	Special Equipment Charge			
		H480	Subject to Cooperative Advertising Allowance			
		H550	Surcharge			
		I170	Trade Discount			
		I290	Trimming Charge			

	I410	Unsaleable Merchandise Allowance				
	I530	Volume Discount				
SAC03	559	<b>Agency Qualifier Code</b>	C	ID	2/2	Not used
		<b>Description:</b> Code identifying the agency assigning the code values				
SAC04	1301	<b>Agency Service, Promotion, Allowance, or Charge Code</b>	C	AN	1/10	Not used
		<b>Description:</b> Agency maintained code identifying the service, promotion, allowance, or charge				
SAC05	610	<b>Amount</b>	O	N2	1/15	Used
		<b>Description:</b> Monetary amount				
		<b>Note:</b> Total dollar amount of charge per that line item.				
SAC06	378	<b>Allowance/Charge Percent Qualifier</b>	C	ID	1/1	Not used
		<b>Description:</b> Code indicating on what basis allowance or charge percent is calculated				
SAC07	332	<b>Percent</b>	C	R	1/6	Not used
		<b>Description:</b> Percent expressed as a percent				
SAC08	118	<b>Rate</b>	O	R	1/9	Used
		<b>Description:</b> Rate expressed in the standard monetary denomination for the currency specified				
		<b>Note:</b> Rate per each unit of style on invoice.				
SAC09	355	<b>Unit or Basis for Measurement Code</b>	C	ID	2/2	Used
		<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
SAC10	380	<b>Quantity</b>	C	R	1/15	Used
		<b>Description:</b> Numeric value of quantity				
		<b>Note:</b> Quantity of line item to apply the charge rate against.				
SAC11	380	<b>Quantity</b>	O	R	1/15	Not used
		<b>Description:</b> Numeric value of quantity				
SAC12	331	<b>Allowance or Charge Method of Handling Code</b>	O	ID	2/2	Used
		<b>Description:</b> Code indicating method of handling for an allowance or charge				
	<b>Code</b>	<b>Name</b>				
	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.

### Note:

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.

# TDS Total Monetary Value Summary

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

**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	<b>Amount</b> <i>Description:</i> Monetary amount <i>Note:</i> Total amount of the invoice plus all charges minus all allowances.	M	N2	1/15	Must use
TDS02	610	<b>Amount</b> <i>Description:</i> Monetary amount <i>Note:</i> Total amount of invoice eligible for terms discount.	O	N2	1/15	Used

# CAD Carrier Detail

Pos: 030 Max: 1  
 Summary - Mandatory  
 Loop: N/A Elements: 8

**User Option (Usage):** Used

**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>	<u>Usage</u>																														
CAD01	91	<b>Transportation Method/Type Code</b>  <b>Description:</b> Code specifying the method or type of transportation for the shipment	O	ID	1/2	Used																														
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr><td>A</td><td>Air</td></tr> <tr><td>C</td><td>Consolidation</td></tr> <tr><td>D</td><td>Parcel Post</td></tr> <tr><td>E</td><td>Expedited Truck</td></tr> <tr><td>H</td><td>Customer Pickup</td></tr> <tr><td>L</td><td>Contract Carrier</td></tr> <tr><td>M</td><td>Motor (Common Carrier)</td></tr> <tr><td>P</td><td>Private Carrier</td></tr> <tr><td>R</td><td>Rail</td></tr> <tr><td>S</td><td>Ocean</td></tr> <tr><td>T</td><td>Best Way (Shippers Option)</td></tr> <tr><td>U</td><td>Private Parcel Service</td></tr> <tr><td>AE</td><td>Air Express</td></tr> <tr><td>CE</td><td>Customer Pickup / Customer's Expense</td></tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	A	Air	C	Consolidation	D	Parcel Post	E	Expedited Truck	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	CE	Customer Pickup / Customer's Expense				
<u>Code</u>	<u>Name</u>																																			
A	Air																																			
C	Consolidation																																			
D	Parcel Post																																			
E	Expedited Truck																																			
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																																			
CE	Customer Pickup / Customer's Expense																																			
CAD02	206	<b>Equipment Initial</b> <b>Description:</b> Prefix or alphabetic part of an equipment unit's identifying number	O	AN	1/4	Not used																														
CAD03	207	<b>Equipment Number</b> <b>Description:</b> Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)	O	AN	1/10	Not used																														
CAD04	140	<b>Standard Carrier Alpha Code</b> <b>Description:</b> Standard Carrier Alpha Code <b>Note:</b> Should contain valid 4-digit SCAC.	C	ID	2/4	Must use																														
CAD05	387	<b>Routing</b> <b>Description:</b> Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	C	AN	1/35	Not used																														
CAD06	368	<b>Shipment/Order Status Code</b> <b>Description:</b> Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction	M	ID	2/2	Not used																														
CAD07	128	<b>Reference Identification Qualifier</b> <b>Description:</b> Code qualifying the Reference Identification	O	ID	2/3	Must use																														
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr><td>BM</td><td>Bill of Lading Number</td></tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	BM	Bill of Lading Number																														
<u>Code</u>	<u>Name</u>																																			
BM	Bill of Lading Number																																			
CAD08	127	<b>Reference Identification</b>	C	AN	1/30	Must use																														

**Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

**Syntax Rules:**

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

# SAC Service, Promotion, Allowance, or Charge Information

Pos: 040	Max: 1
Summary - Optional	
Loop: SAC	Elements: 15

**User Option (Usage):** Used

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

**Element Summary:**

<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	<b>Allowance or Charge Indicator</b>	M	ID	1/1	Must use
<b>Description:</b> Code which indicates an allowance or charge for the service specified						
		<b><u>Code</u></b>	<b><u>Name</u></b>			
		A	Allowance			
		C	Charge			
		N	No Allowance or Charge			
SAC02	1300	<b>Service, Promotion, Allowance, or Charge Code</b>	C	ID	4/4	Used
<b>Description:</b> Code identifying the service, promotion, allowance, or charge						
		<b><u>Code</u></b>	<b><u>Name</u></b>			
		A260	Advertising Allowance			
		A530	Basic Reorder Allowance			
		B320	Competitive Allowance			
		B340	Competitive Price			
		B720	Cooperative Advertising/Merchandising Allowance (Performance)			
		B940	Cutting Charge			
		B950	Damaged Merchandise			
		C000	Defective Allowance			
		C260	Discount - Incentive			
		C310	Discount			
		C350	Distributor Discount/Allowance			
		C540	Early Buy Allowance			
		C550	Early Payment Allowance			
		D360	Goods and Services Tax Charge -- Use this code for GST or HST			
		D500	Handling			
		D920	Insurance Fee			
		D940	Insurance Premium			
		D970	Insurance Surcharge			
		D980	Insurance			
		E740	New Store Allowance			
		E750	New Store Discount			
		F800	Promotional Allowance			
		F810	Promotional Discount			
		F910	Quantity Discount			
		G440	Resellers Discount			
		G470	Restocking Charge			
		G740	Service Charge			
		G870	Shrink-Wrap Charge			
		G890	Single Invoice Allowance			
		G970	Small Order Charge			
		H000	Special Allowance			
		H010	Special Buy			
		H060	Special Equipment Charge			

H480 Subject to Cooperative Advertising Allowance  
 H550 Surcharge  
 H770 Tax - State Tax -- Use this code for QST or PST  
 I170 Trade Discount  
 I290 Trimming Charge  
 I410 Unsaleable Merchandise Allowance  
 I530 Volume Discount

SAC03	559	<b>Agency Qualifier Code</b>	C	ID	2/2	Not used
		<b>Description:</b> Code identifying the agency assigning the code values				
SAC04	1301	<b>Agency Service, Promotion, Allowance, or Charge Code</b>	C	AN	1/10	Not used
		<b>Description:</b> Agency maintained code identifying the service, promotion, allowance, or charge				
SAC05	610	<b>Amount</b>	O	N2	1/15	Used
		<b>Description:</b> Monetary amount				
		<b>Note:</b> Total dollar amount of charge.				
SAC06	378	<b>Allowance/Charge Percent Qualifier</b>	C	ID	1/1	Not used
		<b>Description:</b> Code indicating on what basis allowance or charge percent is calculated				
SAC07	332	<b>Percent</b>	C	R	1/6	Not used
		<b>Description:</b> Percent expressed as a percent				
SAC08	118	<b>Rate</b>	O	R	1/9	Used
		<b>Description:</b> Rate expressed in the standard monetary denomination for the currency specified				
		<b>Note:</b> Rate applied against charge/allowance quantity.				
SAC09	355	<b>Unit or Basis for Measurement Code</b>	C	ID	2/2	Used
		<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
SAC10	380	<b>Quantity</b>	C	R	1/15	Used
		<b>Description:</b> Numeric value of quantity				
		<b>Note:</b> Quantity applied against charge/allowance rate.				
SAC11	380	<b>Quantity</b>	O	R	1/15	Not used
		<b>Description:</b> Numeric value of quantity				
SAC12	331	<b>Allowance or Charge Method of Handling Code</b>	O	ID	2/2	Used
		<b>Description:</b> Code indicating method of handling for an allowance or charge				
		<b>Code</b>		<b>Name</b>		
		02		Off Invoice		
		06		Charge to be Paid by Customer		
SAC13	127	<b>Reference Identification</b>	O	AN	1/30	Not used
		<b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
SAC14	770	<b>Option Number</b>	O	AN	1/20	Not used
		<b>Description:</b> A unique number identifying available promotion or allowance options when more than one is offered				

SAC15 352

**Description**

C

AN

1/80

Used

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

**Note:** IMPORTANT NOTES – TAX INFORMATION

*If you are registered and required to bill GST/HST (VAT) in Canada, please follow the instructions below. The tax rate is based on the ship-to location.*

1. SAC02 Tax Charge Code sent in the SAC02 must match SAC15

D360 - GST or HST  
H770 - QST or PST

2. SAC05 segment assumes the decimal point.  
Example - \$135.75 would be sent as 13575  
\$100.00 would be sent as 10000

3. SAC15 segment must state 2 byte Provincial Code and tax description GST, HST, PST or QST for description - see below:

*Provincial Alpha Codes (SAC15)*

<i>Province/Territory</i>	<i>Abbreviation</i>
<i>Alberta</i>	<i>AB</i>
<i>British Columbia</i>	<i>BC</i>
<i>Manitoba</i>	<i>MB</i>
<i>New Brunswick</i>	<i>NB</i>
<i>Newfoundland and Labrador</i>	<i>NL</i>
<i>Northwest Territories</i>	<i>NT</i>
<i>Nova Scotia</i>	<i>NS</i>
<i>Nunavut</i>	<i>NU</i>
<i>Ontario</i>	<i>ON</i>
<i>Prince Edward Island</i>	<i>PE</i>
<i>Quebec</i>	<i>PQ</i>
<i>Saskatchewan</i>	<i>SK</i>
<i>Yukon</i>	<i>YT</i>

*Examples*

SAC\*C\*D360\*\*\*45000\*\*\*\*\*02\*\*\*BCHST~  
SAC\*C\*H770\*\*\*6500\*\*\*\*\*02\*\*\*PQQST~

**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.

**Note:**

Use the SAC at the summary level to provide information on the VAT.



# ISS

# Invoice Shipment Summary

Pos: 060 Max: 1  
 Summary - Optional  
 Loop: ISS Elements: 4

**User Option (Usage):** Used

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

### 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>								
ISS01	382	<b>Number of Units Shipped</b>  <b>Description:</b> Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set <b>Note:</b> <i>Number of units shipped</i>	C	R	1/10	Used								
ISS02	355	<b>Unit or Basis for Measurement Code</b>  <b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken  <table border="0"> <tr> <td><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>BX</td> <td>Box</td> </tr> <tr> <td>CA</td> <td>Case</td> </tr> <tr> <td>PK</td> <td>Package</td> </tr> </table>	<u>Code</u>	<u>Name</u>	BX	Box	CA	Case	PK	Package	C	ID	2/2	Used
<u>Code</u>	<u>Name</u>													
BX	Box													
CA	Case													
PK	Package													
ISS03	81	<b>Weight</b>  <b>Description:</b> Numeric value of weight <b>Note:</b> <i>Total weight of shipment.</i>	C	R	1/10	Used								
ISS04	355	<b>Unit or Basis for Measurement Code</b>  <b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken  <table border="0"> <tr> <td><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>50</td> <td>Actual Kilograms</td> </tr> <tr> <td>LB</td> <td>Pound</td> </tr> <tr> <td>OZ</td> <td>Ounce - Av</td> </tr> </table>	<u>Code</u>	<u>Name</u>	50	Actual Kilograms	LB	Pound	OZ	Ounce - Av	C	ID	2/2	Used
<u>Code</u>	<u>Name</u>													
50	Actual Kilograms													
LB	Pound													
OZ	Ounce - Av													

### Syntax Rules:

1. R010305 - At least one of ISS01, ISS03 or ISS05 is required.
2. P0102 - If either ISS01 or ISS02 is present, then the other is required.
3. P0304 - If either ISS03 or ISS04 is present, then the other is required.

# CTT Transaction Totals

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

**User Option (Usage):** Must use

**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

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

# SE Transaction Set Trailer

Pos: 080	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	<b>Number of Included Segments</b>	M	N0	1/10	Must use
		<b>Description:</b> Total number of segments included in a transaction set including ST and SE segments				
SE02	329	<b>Transaction Set Control Number</b>	M	AN	4/9	Must use
		<b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				
		<b>Note:</b> <i>This must be the same number as is in the ST segment (ST02) for the transaction set.</i>				

**GE**

# Functional Group Trailer

<b>Pos:</b>	<b>Max: 1</b>
<b>Not Defined - Mandatory</b>	
<b>Loop: N/A</b>	<b>Elements: 2</b>

**User Option (Usage):** Used

**Purpose:** To indicate the end of a functional group and to provide control 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>
GE01	97	<b>Number of Transaction Sets Included</b> <b>Description:</b> Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	M	N0	1/6	Must use
GE02	28	<b>Group Control Number</b> <b>Description:</b> Assigned number originated and maintained by the sender	M	N0	1/9	Must use

# IEA Interchange Control Trailer

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

User Option (Usage): Used

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

### Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	Number of Included Functional Groups	M	N0	1/5	Must use
<b>Description:</b> A count of the number of functional groups included in an interchange						
IEA02	I12	Interchange Control Number	M	N0	9/9	Must use
<b>Description:</b> A control number assigned by the interchange sender						

### Note:

#### EXAMPLES

Example consolidated invoice:

```

ISA*00*          *00*          *01*999999999   *ZZ*NORDJWN   *100402*1912*U*00401*000008008*0*P*~>~
GS*N*999999999*NORDJWN*20100402*1912*2785*X*004010VICS~
ST*810*00001~
BIG*20100402*234730**13333333~
REF*DP*0043~
REF*IA*0000011111~
REF*IV*837255~
N1*ST**92*0799~
N1*BY**92*0799~
ITD*01*15****20100517*45~
DTM*011*20100402~
IT1**19*EA*19**UP*999999999991~
PID*F****SCOOP NK BLT BK JKT~
IT1**13*EA*19**UP*999999999992~
PID*F****SCOOP NK BLT BK JKT~
IT1**36*EA*19**UP*999999999993~
PID*F****SCOOP NK BLT BK JKT~
IT1**37*EA*19**UP*999999999994~
PID*F****SCOOP NK BLT BK JKT~
IT1**19*EA*19**UP*999999999995~
PID*F****SCOOP NK BLT BK JKT~
IT1**13*EA*19**UP*999999999996~
PID*F****SCOOP NK BLT BK JKT~
IT1**36*EA*19**UP*999999999997~
PID*F****SCOOP NK BLT BK JKT~
IT1**19*EA*19**UP*999999999998~
PID*F****SCOOP NK BLT BK JKT~
IT1**19*EA*19**UP*999999999999~
PID*F****SCOOP NK BLT BK JKT~
IT1**37*EA*19**UP*9999999999910~
PID*F****SCOOP NK BLT BK JKT~
IT1**35*EA*19**UP*9999999999911~
PID*F****SCOOP NK BLT BK JKT~
IT1**13*EA*19**UP*9999999999912~
PID*F****SCOOP NK BLT BK JKT~
IT1**37*EA*19**UP*9999999999913~
PID*F****SCOOP NK BLT BK JKT~
IT1**35*EA*19**UP*9999999999914~
PID*F****SCOOP NK BLT BK JKT~
IT1**13*EA*19**UP*9999999999915~
PID*F****SCOOP NK BLT BK JKT~

```

IT1\*\*37\*EA\*19\*\*UP\*99999999916~  
 PID\*F\*\*\*SCOOP NK BLT BK JKT~  
 SAC\*C\*D360\*\*\*10000\*\*\*\*\*06\*\*\*ONGST~  
 TDS\*794200~  
 CAD\*C\*\*\*CAIE\*\*\*BM\*06187030001278092~  
 SAC\*C\*D360\*\*\*45000\*\*\*\*\*02\*\*\*BCHST~  
 ISS\*25\*CA\*621\*LB~  
 CTT\*16~  
 SE\*46\*00001~  
 GE\*1\*2785~  
 IEA\*1\*000008008~

Example invoice ship to store:

ISA\*00\* \*00\* \*12\*999999999 \*ZZ\*NORDJWN \*100404\*2358\*U\*00401\*000000028\*0\*P\*>~  
 GS\*IN\*999999999\*NORDJWN\*20100404\*2358\*28\*X\*004010VICS~  
 ST\*810\*0386~  
 BIG\*20100330\*3373421\*\*19999999~  
 REF\*DP\*0035~  
 REF\*IA\*012999999~  
 REF\*IV\*3373421~  
 N1\*BY\*\*92\*0001~  
 N1\*ST\*\*92\*0001~  
 ITD\*01\*15\*\*\*\*20100429~  
 DTM\*011\*20100330~  
 IT1\*1\*4\*EA\*19\*WE\*UP\*999999999999~  
 PID\*F\*\*\*TEAM DUFFLE M BLK~  
 IT1\*2\*2\*EA\*19\*WE\*UP\*999999999991~  
 PID\*F\*\*\*TEAM DUFFLE M GPH~  
 IT1\*3\*2\*EA\*19\*WE\*UP\*999999999992~  
 PID\*F\*\*\*TEAM DUFFLE M SGD~  
 IT1\*4\*2\*EA\*19\*WE\*UP\*999999999993~  
 PID\*F\*\*\*TEAM DUFFLE M RED~  
 IT1\*5\*2\*EA\*19\*WE\*UP\*999999999994~  
 PID\*F\*\*\*TEAM DUFFLE M MDN~  
 TDS\*22800~  
 CAD\*C\*\*\*GBEA\*\*\*CN\*GB89579423~  
 SAC\*C\*D360\*\*\*145000\*\*\*\*\*02\*\*\*ONGST~  
 ISS\*12\*CA\*1\*LB~  
 CTT\*5~  
 SE\*23\*0386~  
 GE\*1\*28~  
 IEA\*1\*000000028~