

# **LOWE'S EDI**

**810 Invoice**

**Version: 4010**

<b>Author:</b>	<b>Lowe's Companies, Inc</b>
<b>Modified:</b>	<b>7/6/2011</b>
<b>Notes:</b>	<b>This 810 Implementation Guide is shared across all vendor types, excluding Procurement vendors.</b>

# 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>	<u>Usage</u>
	ISA	Interchange Control Header	M	1			Mandatory
	GS	Functional Group Header	M	1			Mandatory
010	ST	Transaction Set Header	M	1			Mandatory
020	BIG	Beginning Segment for Invoice	M	1			Mandatory
030	NTE	Note/Special Instruction	O	100			Optional
040	CUR	Currency	O	1			Mandatory
<b><u>LOOP ID - N1</u></b>					<b><u>200</u></b>		
070	N1	Name	O	1			Mandatory
090	N3	Address Information	O	2			Optional
100	N4	Geographic Location	O	1			Optional
130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1			Mandatory
140	DTM	Date/Time Reference	O	10			Mandatory
150	FOB	F.O.B. Related Instructions	O	1			Mandatory

**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>
<b><u>LOOP ID - IT1</u></b>					<b><u>200000</u></b>		
010	IT1	Baseline Item Data (Invoice)	O	1			Mandatory
<b><u>LOOP ID - PID</u></b>					<b><u>1000</u></b>		
060	PID	Product/Item Description	O	1			Mandatory

**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			Mandatory
020	TXI	Tax Information	O	10			Optional
030	CAD	Carrier Detail	O	1			Mandatory
<b><u>LOOP ID - SAC</u></b>					<b><u>25</u></b>		
040	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Optional
<b><u>LOOP ID - ISS</u></b>					<b><u>&gt;1</u></b>		
060	ISS	Invoice Shipment Summary	O	1			Optional
070	CTT	Transaction Totals	O	1		N3/070	Mandatory
080	SE	Transaction Set Trailer	M	1			Mandatory

**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			Mandatory
	IEA	Interchange Control Trailer	M	1			Mandatory

# ISA Interchange Control Header

Pos:	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 16

**User Option (Usage):** Mandatory

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

## User Note 1:

*Example:*

**USA/CAN:**

ISA\*00\* \*00\* 01\*SENDER ID \*01\*006097142 \*040702\*1709\*U\*00400\*000000133\*0\*P\*>\

**MEX:**

ISA\*00\* \*00\* 01\*SENDER ID \*08\*6135830008 \*040702\*1709\*U\*00400\*000000133\*0\*P\*>\

## Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	Authorization Information Qualifier	M	ID	2/2	Mandatory
<b>CodeList Summary (Total Codes: 7, Included: 1)</b>						
<b>Code Name</b>						
00 No Authorization Information Present (No Meaningful Information in I02)						
ISA02	I02	Authorization Information	M	AN	10/10	Mandatory
ISA03	I03	Security Information Qualifier	M	ID	2/2	Mandatory
<b>CodeList Summary (Total Codes: 2, Included: 1)</b>						
<b>Code Name</b>						
00 No Security Information Present (No Meaningful Information in I04)						
ISA04	I04	Security Information	M	AN	10/10	Mandatory
ISA05	I05	Interchange ID Qualifier	M	ID	2/2	Mandatory
<b>User Note 1: All valid X12 codes are used.</b>						
ISA06	I06	Interchange Sender ID	M	AN	15/15	Mandatory
ISA07	I05	Interchange ID Qualifier	M	ID	2/2	Mandatory
ISA08	I07	Interchange Receiver ID	M	AN	15/15	Mandatory
ISA09	I08	Interchange Date	M	DT	6/6	Mandatory
ISA10	I09	Interchange Time	M	TM	4/4	Mandatory
ISA11	I10	Interchange Control Standards Identifier	M	ID	1/1	Mandatory
<b>All valid standard codes are used. (Total Codes: 1)</b>						
ISA12	I11	Interchange Control Version Number	M	ID	5/5	Mandatory
<b>CodeList Summary (Total Codes: 14, Included: 1)</b>						
<b>Code Name</b>						

**Code Name**

00400 Standard Issued as ANSI X12.5-1997

ISA13	I12	<b>Interchange Control Number</b>	M	N0	9/9	Mandatory
ISA14	I13	<b>Acknowledgment Requested</b>	M	ID	1/1	Mandatory

**CodeList Summary** (Total Codes: 2, Included: 1)**Code Name**

0 No Acknowledgment Requested

ISA15	I14	<b>Usage Indicator</b>	M	ID	1/1	Mandatory
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**CodeList Summary** (Total Codes: 3, Included: 2)**Code Name**

P Production Data

T Test Data

ISA16	I15	<b>Component Element Separator</b>	M		1/1	Mandatory
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**User Note 1: Use (>) as the sub-element separator.****Use (\*) as the element separator.****Use() as the segment terminator.**

# GS Functional Group Header

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

**User Option (Usage):** Mandatory

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

## User Note 1:

*Example:*

**USA/CAN:**

**GS\*IN\*SENDER ID\*006097142\*20040702\*1709\*304\*X\*004010\**

**MEX:**

**GS\*IN\*SENDER ID\*6135830008\*20040702\*1709\*304\*X\*004010\**

## 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	Functional Identifier Code	M	ID	2/2	Mandatory
CodeList Summary (Total Codes: 240, Included: 1)						
<u>Code</u> <u>Name</u>						
		IN Invoice Information (810,819)				
GS02	142	Application Sender's Code	M	AN	2/15	Mandatory
GS03	124	Application Receiver's Code	M	AN	2/15	Mandatory
GS04	373	Date	M	DT	8/8	Mandatory
GS05	337	Time	M	TM	4/8	Mandatory
GS06	28	Group Control Number	M	NO	1/9	Mandatory
GS07	455	Responsible Agency Code	M	ID	1/2	Mandatory
CodeList Summary (Total Codes: 2, Included: 1)						
<u>Code</u> <u>Name</u>						
		X Accredited Standards Committee X12				
GS08	480	Version / Release / Industry Identifier Code	M	AN	1/12	Mandatory
CodeList Summary (Total Codes: 39, Included: 1)						
<u>Code</u> <u>Name</u>						
		004010 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997				

# ST Transaction Set Header

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

**User Option (Usage):** Mandatory

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

## User Note 1:

*Example:*

ST\*810\*2275\

## 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	Mandatory
CodeList Summary (Total Codes: 298, Included: 1)						
		<u>Code</u> <u>Name</u>				
		810 Invoice				
ST02	329	Transaction Set Control Number	M	AN	4/9	Mandatory

# BIG Beginning Segment for Invoice

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 5

**User Option (Usage):** Mandatory

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

### User Note 1:

*Example:*

**BIG\*20040701\*257348\*20040630\*123456789\*\*\*DR\**

**810 TURN AROUND INFORMATION:**

*The Purchase Order transmitted in the BEG-03 of the 850 PO must be returned in the BIG-04 field of the 810 invoice.*

### 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	Mandatory
BIG02	76	Invoice Number	M	AN	1/22	Mandatory
<b>User Note 1: Lowe's Payables system can only handle a 10 digit invoice number. If you send more than 10 digits the invoice number will be truncated.</b>						
BIG03	373	Date	O	DT	8/8	Mandatory
BIG04	324	Purchase Order Number	O	AN	1/22	Mandatory
<b>User Note 1: Lowe's purchase order number can be up to 9 digits.</b>						
BIG07	640	Transaction Type Code	O	ID	2/2	Optional

**User Note 1: If no value is sent, we will default to DR.**

**CodeList Summary** (Total Codes: 446, Included: 3)

<u>Code</u>	<u>Name</u>
CR	Credit Memo
DR	Debit Memo
ME	Memorandum



# NTE Note/Special Instruction

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

**User Option (Usage):** Optional

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

## User Note 1:

*Example:*

`NTE*GEN*1ZE445120311631005\`

## 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>
NTE01	363	<b>Note Reference Code</b>	O	ID	3/3	Mandatory
CodeList Summary (Total Codes: 241, Included: 1)						
<u>Code</u> <u>Name</u>						
GEN Entire Transaction Set						
NTE02	352	<b>Description</b>	M	AN	1/80	Mandatory

# CUR Currency

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

**User Option (Usage):** Mandatory

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

### User Note 1:

*The currency code used is the three letter ISO 4217 international standard code (USD/CAD/MXN).*

*Example:*

**CUR\*SE\*USD\**

**810 TURN AROUND INFORMATION:**

*You must return the CUR segment, just as you receive it, in the 850 purchase order on the 810 invoice.*

### 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	Mandatory
<b>CodeList Summary</b> (Total Codes: 1312, Included: 1)						
		<u>Code</u> <u>Name</u>				
		SE Selling Party				
CUR02	100	Currency Code	M	ID	3/3	Mandatory

# N1 Name

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

**User Option (Usage):** Mandatory

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

## User Note 1:

*Example:*

N1\*ST\*\*92\*960\  
 N1\*MA\*\*92\*701\  
 N1\*RI\*\*94\*12345\

**810 TURN AROUND INFORMATION:**

*In the first N1 segment you must return the N1-01 and N1-04 element of the 850 PO in the N1-01 and N1-04 of the 810 invoice. However, the N1-03 will have different qualifiers sent in the 810 invoice than what was received in the 850 PO.*

## 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	Entity Identifier Code	M	ID	2/3	Mandatory

**User Note 1: *\*\*Cross Dock Orders - Your incoming purchase order will reflect the ship to store (ST) and the store that the goods are intended for (MA). On your 810 document to Lowe's, only send the N1 segment with the MA qualifier. If two N1 segments are transmitted (MA and ST), the N1 segment with the MA in N1-01 must be the second in the sequence of N1's.***

***N1\*ST\*\*92\*960 (ship to RDC)***

***N1\*MA\*\*92\*701 (ultimate store destination)***

***\*\*\*If transmitted with the ST last, our invoice will pick up store #960 and the invoice will be kicked back for invalid store number.***

**CodeList Summary (Total Codes: 1312, Included: 3)**

**Code Name**

MA Party for whom Item is Ultimately Intended  
 RI Remit To  
 ST Ship To

N102	93	Name	X	AN	1/60	Optional
N103	66	Identification Code Qualifier	X	ID	1/2	Mandatory

**CodeList Summary (Total Codes: 215, Included: 2)**

**Code Name**

92 Assigned by Buyer or Buyer's Agent  
 94 Code assigned by the organization that is the ultimate destination of the transaction set

N104	67	Identification Code	X	AN	2/80	Mandatory
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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>
		<b>User Note 1: Lowe's store number can be up to 5 digits.</b>				

# N3 Address Information

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

**User Option (Usage):** Optional

**Purpose:** To specify the location of the named party

### User Note 1:

*Example:*

*N3\*street address\*

**810 TURN AROUND INFORMATION:**

*You must turn around the N3 segment, as received in the 850 PO, in the N3 segment of the 810 invoice.*

### 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	Mandatory
N302	166	Address Information	O	AN	1/55	Optional

# N4 Geographic Location

Pos: 100	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

**User Option (Usage):** Optional

**Purpose:** To specify the geographic place of the named party

## User Note 1:

*If country code specified in N404 is CAN, then the Canadian Standard Postal Format must be used. The postal code should be in upper case and expressed in the format of ANA NAN, where A = alpha and N = numeric. It should have one space between the first three and last three positions.*

*The country code used is the three letter ISO 3166 international standard code (USA/CAN/MEX).*

**Example:**

*N4\*city\*state/province\*postal code\*country\*

**810 TURN AROUND INFORMATION:**

*You must turn around the N4 segment, as received in the 850 PO, in the N4 segment of the 810 invoice.*

## 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	Mandatory
N402	156	State or Province Code	O	ID	2/2	Mandatory
N403	116	Postal Code	O	ID	3/15	Mandatory
N404	26	Country Code	O	ID	2/3	Mandatory

# ITD Terms of Sale/Deferred Terms of Sale

Pos: 130	Max: >1
Heading - Optional	
Loop: N/A	Elements: 9

**User Option (Usage):** Mandatory  
**Purpose:** To specify terms of sale

**User Note 1:**

*Example:*  
**ITD\*08\*3\*2\*\*15\*\*16\*144\*\*\*\*2% 15 NET 16\**

**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	Mandatory
<b>CodeList Summary</b> (Total Codes: 65, Included: 2)						
<u>Code</u> <u>Name</u>						
05 Discount Not Applicable						
08 Basic Discount Offered						
ITD02	333	Terms Basis Date Code	O	ID	1/2	Mandatory
<b>CodeList Summary</b> (Total Codes: 17, Included: 1)						
<u>Code</u> <u>Name</u>						
3 Invoice Date						
ITD03	338	Terms Discount Percent	O	R	1/6	Optional
<b>User Note 1: If the discount is 2% this field should contain '2'.</b>						
ITD04	370	Terms Discount Due Date	X	DT	8/8	Optional
<b>User Note 1: If Lowe's receives a Terms discount, the Terms Discount Due Date (ITD04) or Terms Discount Days (ITD05) must be used. Do not use both.</b>						
ITD05	351	Terms Discount Days Due	X	N0	1/3	Optional
<b>User Note 1: If Lowe's receives a Terms discount, use the number of days from invoice date to discount due date. Terms Discount Due Date (ITD04) can be used instead. Do not use both.</b>						
ITD06	446	Terms Net Due Date	O	DT	8/8	Optional
<b>User Note 1: Use Terms Net Due Date (ITD06) or Terms Net Days Due (ITD07), Do not use both. One of these elements MUST be present on ALL invoices.</b>						
ITD07	386	Terms Net Days	O	N0	1/3	Optional
<b>User Note 1: Use number of days from invoice date (BIG01) to due date. Terms Net Due Date (ITD06) can be used instead. Do not use both.</b>						
ITD08	362	Terms Discount Amount	O	N2	1/10	Optional
<b>User Note 1: Total amount of terms discount. If you offer Lowe's a terms discount, the amount of the discount must be present.</b>						
ITD12	352	Description	O	AN	1/80	Mandatory

# DTM Date/Time Reference

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

**User Option (Usage):** Mandatory

**Purpose:** To specify pertinent dates and times

### User Note 1:

*Example:*

*DTM\*011\*20040701\  
DTM\*008\*20040630\*

**810 TURN AROUND INFORMATION:**

*The information received from the 850 DTM is not automatically returned back in the 810 invoice. The qualifiers change from the 850 to the 810 invoice.*

### 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	Mandatory
<b>CodeList Summary</b> (Total Codes: 1112, Included: 2)						
		<u>Code</u> <u>Name</u>				
		008 Purchase Order Received				
		011 Shipped				
DTM02	373	Date	X	DT	8/8	Mandatory



# FOB F.O.B. Related Instructions

Pos: 150	Max: 1
Heading - Optional	
Loop: N/A	Elements: 1

**User Option (Usage):** Mandatory

**Purpose:** To specify transportation instructions relating to shipment

## User Note 1:

*Example:*

FOB\*PC\

**810 TURN AROUND INFORMATION:**

*Please return the FOB segment, just as you received it, in the FOB segment of the 850 purchase order.*

## 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>
FOB01	146	Shipment Method of Payment	M	ID	2/2	Mandatory

**User Note 1: Code should match the code received on Lowe's PO. If 'PC' is used, there must be a SAC segment containing the freight charges. Freight charges CANNOT be transmitted to Lowe's as a line item. If 'CF' is used, there must be a SAC segment containing the freight allowance.**

**CodeList Summary** (Total Codes: 28, Included: 4)

**Code Name**

- CC Collect
- CF Collect, Freight Credited Back to Customer
- PC Prepaid but Charged to Customer
- PP Prepaid (by Seller)

# IT1 Baseline Item Data (Invoice)

Pos: 010	Max: 1
Detail - Optional	
Loop: IT1	Elements: 10

User Option (Usage): Mandatory

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

## User Note 1:

*Example:*

IT1\*1\*20\*EA\*3.25\*\*CB\*40971\*\*\*UK\*00123456789012\

### 810 TURN AROUND INFORMATION:

We prefer that you return the same information that you received in the PO1 segment of the 850 in the IT1 segment of the 810. However, the only fields that are mandatory in the 810 are the first seven fields, through the Lowe's item number.

**\*\*Depending on the country you are shipping the product to, remember any one item number could have multiple model numbers. Please remember to fill the order using your model number and invoice Lowe's using Lowe's item number.**

**If you are not receiving any model numbers on your EDI PO's you will need to contact your EDI Coordinator. If you have a model number missing or incorrect, please have your salesperson contact your MA to get your model number entered or corrected.\*\***

## Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IT101	350	Assigned Identification	O	AN	1/20	Mandatory
IT102	358	Quantity Invoiced	X	R	1/10	Mandatory
IT103	355	Unit or Basis for Measurement Code	X	ID	2/2	Mandatory

**User Note 1: Unit of measure should match the unit of measure indicated on the purchase order.**

All valid standard codes are used. (Total Codes: 794)

IT104	212	Unit Price	X	R	1/17	Mandatory
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**User Note 1: Please be sure you understand pricing for your product before you begin sending your production invoices.**

IT106	235	Product/Service ID Qualifier	X	ID	2/2	Mandatory
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CodeList Summary (Total Codes: 477, Included: 1)

**Code Name**

CB Buyer's Catalog Number

IT107	234	Product/Service ID	X	AN	1/48	Mandatory
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**User Note 1: Always use the Lowe's SKU that is provided on the Lowe's purchase order.**

IT108	235	Product/Service ID Qualifier	X	ID	2/2	Optional
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CodeList Summary (Total Codes: 477, Included: 1)

**Code Name**

VC Vendor's (Seller's) Catalog Number

IT109	234	<b>Product/Service ID</b>	X	AN	1/48	Optional
IT110	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Optional
<b>CodeList Summary</b> (Total Codes: 477, Included: 1)						
<b><u>Code</u> <u>Name</u></b>						
UK U.P.C./EAN Shipping Container Code (1-2-5-5-1)						
IT111	234	<b>Product/Service ID</b>	X	AN	1/48	Optional

# PID Product/Item Description

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

**User Option (Usage):** Mandatory

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

## User Note 1:

*Example:*

**PID\*F\*\*\*\*LIGHT BULBS\**

**810 TURN AROUND INFORMATION:**

*You must return the PID segment, just as you received it in the 850, in the PID segment of the 810 invoice.*

## 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	Mandatory
CodeList Summary (Total Codes: 3, Included: 1)						
		<u>Code</u> <u>Name</u>				
		F Free-form				
PID05	352	Description	X	AN	1/80	Mandatory

# TDS Total Monetary Value Summary

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

User Option (Usage): Mandatory

Purpose: To specify the total invoice discounts and amounts

### User Note 1:

*Example:*

TDS\*7175\

### 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	Mandatory

User Note 1: *Total invoice amount due. This total should include any allowance or charge amounts, but will not reflect any terms discounts given in the ITD (payment terms) segment.*

# TXI Tax Information

Pos: 020	Max: 10
Summary - Optional	
Loop: N/A	Elements: 2

**User Option (Usage):** Optional

**Purpose:** To specify tax information

### User Note 1:

*The ZZ qualifier will represent the Canada HST tax. The TXI-02 must be sent as no more than 18 whole number and up to 2 decimals.*

*The VA qualifier will represent the Mexico IVA (VAT Tax).*

**Example:**

TXI\*CG\*3.90\

TXI\*PG\*5.20\

TXI\*ZZ\*9.10\

TXI\*VA\*8.35\

### 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	Mandatory
<b>CodeList Summary (Total Codes: 74, Included: 4)</b>						
		<u>Code</u> <u>Name</u>				
		CG Federal Value-added Tax (GST) on Goods				
		PG State or Provincial Tax on Goods				
		VA Value Added Tax				
		ZZ Mutually Defined				
TXI02	782	Monetary Amount	X	R	1/18	Mandatory

# CAD Carrier Detail

Pos: 030	Max: 1
Summary - Optional	
Loop: N/A	Elements: 2

**User Option (Usage):** Mandatory

**Purpose:** To specify transportation details for the transaction

## User Note 1:

*Example:*

```
CAD****ABCF\
CAD*****ABC FREIGHT LINES\
```

**810 TURN AROUND INFORMATION:**

The TD5 segment of the 850 is an optional segment. If received in the 850 PO, you must return the SCAC code in the TD5-03 in the CAD-04 of the 810. If the TD5 isn't present in the 850, you must still supply the SCAC code in the CAD-04 or the carrier name in the CAD-05 of the 810 invoice because the CAD segment is mandatory on the 810 invoice.

## 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>
CAD04	140	Standard Carrier Alpha Code	X	ID	2/4	Optional

User Note 1: Standard Carrier Alpha Code (4 letter alpha code assigned to all freight carriers).

CAD05	387	Routing	X	AN	1/35	Optional
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User Note 1: Name of carrier trucking company. Not necessary if SCAC code is given in CAD04.

# SAC Service, Promotion, Allowance, or Charge Information

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

User Option (Usage): Optional

**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:

*Example:*

**SAC\*C\*D240\*\*\*675\*\*\*\*\*06\*\*\*FREIGHT CHARGE\**

**810 TURN AROUND INFORMATION:**

*The information received from the 850 SAC is not automatically returned back in the 810 invoice. The new store qualifier (SAC02) is just one of many codes that can be returned in the SAC of the 810 invoice.*

## 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	Mandatory

**User Note 1: An 'A' will indicate a reduction in the invoice amount. A 'C' will indicate a charge, or an increase in the invoice amount.**

**CodeList Summary (Total Codes: 7, Included: 2)**

**Code Name**

- A Allowance
- C Charge

SAC02	1300	Service, Promotion, Allowance, or Charge Code	X	ID	4/4	Mandatory
-------	------	---	---	----	-----	-----------

**CodeList Summary (Total Codes: 1053, Included: 13)**

**Code Name**

- A260 Advertising Allowance
- A720 Broken Package Charge
- B940 Cutting Charge
- C000 Defective Allowance
- D240 Freight
- D270 Fuel Surcharge
- D500 Handling
- D530 Hazardous Cargo Charge
- E740 New Store Allowance
- F180 Pallet
- G470 Restocking Charge
- G870 Shrink-Wrap Charge
- H000 Special Allowance

SAC05	610	Amount	O	N2	1/15	Mandatory
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**User Note 1: Amount of allowance or charge.**



<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SAC12	331	Allowance or Charge Method of Handling Code	O	ID	2/2	Mandatory

**User Note 1: If SAC 01 = 'A' the code here will be '02'.**

**If SAC 01 = 'C' the code here will be '06'.**

**CodeList Summary (Total Codes: 22, Included: 2)**

**Code Name**

02 Off Invoice

06 Charge to be Paid by Customer

SAC15	352	Description	X	AN	1/80	Mandatory
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**User Note 1: Description of allowance or charge.**

# ISS Invoice Shipment Summary

Pos: 060	Max: 1
Summary - Optional	
Loop: ISS	Elements: 2

**User Option (Usage):** Optional

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

**User Note 1:**

*Example:*

ISS\*1\*PL\  
ISS\*2\*CA\  
ISS\*3\*CA\  
ISS\*4\*CA\  
ISS\*5\*CA

*Above is an example of a shipment containing 1 pallet plus 2 cases.*

**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	Number of Units Shipped	X	R	1/10	Mandatory
ISS02	355	Unit or Basis for Measurement Code	X	ID	2/2	Mandatory

**CodeList Summary** (Total Codes: 794, Included: 3)

<u>Code</u>	<u>Name</u>
CA	Case
PL	Pallet/Unit Load
S9	Slip Sheet

# CTT Transaction Totals

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

**User Option (Usage):** Mandatory

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

### User Note 1:

*Example:*

CTT\*1\

### 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	Mandatory

# SE Transaction Set Trailer

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

**User Option (Usage):** Mandatory

**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)

**User Note 1:**

*Example:*

SE\*23\*2275\

**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	Mandatory
SE02	329	Transaction Set Control Number	M	AN	4/9	Mandatory

# GE Functional Group Trailer

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

**User Option (Usage):** Mandatory

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

**User Note 1:**

*Example:*

GE\*1\*304\

**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	Number of Transaction Sets Included	M	NO	1/6	Mandatory
GE02	28	Group Control Number	M	NO	1/9	Mandatory

# IEA Interchange Control Trailer

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

**User Option (Usage):** Mandatory

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

**User Note 1:**

*Example:*

*IEA\*1\*000000133\*

**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>
IEA01	I16	Number of Included Functional Groups	M	N0	1/5	Mandatory
IEA02	I12	Interchange Control Number	M	N0	9/9	Mandatory