

LOWE'S EDI

810 Invoice

Version: 4010

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Modified:	3/16/2018
Notes:	This 810 Implementation Guide is shared across all vendor types, excluding Procurement vendors.

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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
LOOP ID - N1					200		
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>
LOOP ID - IT1					200000		
010	IT1	Baseline Item Data (Invoice)	O	1			Mandatory
LOOP ID - PID					1000		
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
LOOP ID - SAC					25		
040	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Optional
LOOP ID - ISS					>1		
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
CodeList Summary (Total Codes: 7, Included: 1)						
<u>Code</u> <u>Name</u>						
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
CodeList Summary (Total Codes: 2, Included: 1)						
<u>Code</u> <u>Name</u>						
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
User Note 1: All valid X12 codes are used.						
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
All valid standard codes are used. (Total Codes: 1)						
ISA12	I11	Interchange Control Version Number	M	ID	5/5	Mandatory
CodeList Summary (Total Codes: 14, Included: 1)						
<u>Code</u> <u>Name</u>						

Code Name

00400 Standard Issued as ANSI X12.5-1997

ISA13 I12 **Interchange Control Number** M NO 9/9 Mandatory

ISA14 I13 **Acknowledgment Requested** M ID 1/1 Mandatory

CodeList Summary (Total Codes: 2, Included: 1)

Code Name

0 No Acknowledgment Requested

ISA15 I14 **Usage Indicator** M ID 1/1 Mandatory

CodeList Summary (Total Codes: 3, Included: 2)

Code Name

P Production Data

T Test Data

ISA16 I15 **Component Element Separator** M 1/1 Mandatory

**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
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.						
BIG03	373	Date	O	DT	8/8	Mandatory
BIG04	324	Purchase Order Number	O	AN	1/22	Mandatory
User Note 1: Lowe's purchase order number can be up to 9 digits.						
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	Note Reference Code	O	ID	3/3	Mandatory
CodeList Summary (Total Codes: 241, Included: 1)						
<u>Code</u> <u>Name</u>						
GEN Entire Transaction Set						
NTE02	352	Description	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
CodeList Summary (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>
		User Note 1: Lowe's store number can be up to 5 digits.				

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:

When providing discount terms, ITD01=08, ITD02=3, ITD03 must be given with a value greater than zero, either ITD04 or ITD05 must be given, either ITD06 or ITD07 must be given, ITD08 must be given with a value greater than zero, and ITD12 must be given.

When there are no discount terms, ITD01=05, ITD02=3, either ITD06 or ITD07 must be given, and ITD12 must be given.

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

Example with No Discount:
 ITD*05*3*****16*****No Discount Offered\

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ITD01	336	Terms Type Code	O	ID	2/2	Mandatory
CodeList Summary (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
CodeList Summary (Total Codes: 17, Included: 1)						
<u>Code</u> <u>Name</u>						
3 Invoice Date						
ITD03	338	Terms Discount Percent	O	R	1/6	Optional
User Note 1: If the discount is 2% this field should contain '2'.						
ITD04	370	Terms Discount Due Date	X	DT	8/8	Optional
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.						
ITD05	351	Terms Discount Days Due	X	N0	1/3	Optional
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.						
ITD06	446	Terms Net Due Date	O	DT	8/8	Optional
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.						
ITD07	386	Terms Net Days	O	N0	1/3	Optional

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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.						
ITD08	362	Terms Discount Amount	O	N2	1/10	Optional
User Note 1: Total amount of terms discount. If you offer Lowe's a terms discount, the amount of the discount must be present.						
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 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
CodeList Summary (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 POs, contact Lowe's EDI Analyst. If you have a model number missing or incorrect, your salesperson should contact Lowe's Merchandising 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	Product/Service ID	X	AN	1/48	Optional
IT110	235	Product/Service ID Qualifier	X	ID	2/2	Optional
CodeList Summary (Total Codes: 477, Included: 1)						
<u>Code</u> <u>Name</u>						
UK U.P.C./EAN Shipping Container Code (1-2-5-5-1)						
IT111	234	Product/Service ID	X	AN	1/48	Optional

PID Product/Item Description

Pos: 060	Max: 1
Detail - Optional	
Loop: PID	Elements: 4

User Option (Usage): Mandatory

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

User Note 1:

*The EDI 850 PID*F segment includes the Item Description and must be echoed back in the EDI 810 Invoice (PID01=F).*

*PID*F***LIGHT BULBS*

An additional PID segment (PID01=X) is required for Environmental Protection Agency (EPA) formaldehyde compliance reporting. The following are the options and PID syntax examples.

These are the six formaldehyde compliance options:

Non-Compliant

*PID*X**VI*GM04COMPFE*0*

Phase 1 Compliant (California Air Resources Board (CARB) Act of 2009 - Phase 1)

*PID*X**VI*GM04COMPFE*1*

Phase 2 Compliant (California Air Resources Board (CARB) Act of 2010 - Phase 2)

*PID*X**VI*GM04COMPFE*2*

No Added Formaldehyde

*PID*X**VI*GM04COMPFE*3*

Ultra low Emission Formaldehyde Use (ULEF)

*PID*X**VI*GM04COMPFE*4*

TSCA (Toxic Substances Control Act) Title VI pertains to the Formaldehyde Standards for Composite Wood Products Act

*PID*X**VI*GM04COMPPTS*5*

When a product is formaldehyde compliant for both CARB Act of 2010 - Phase 2 and TSCA EPA rulings, send

*PID*X**VI*GM04COMPPTS*5*

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: 2)						
Code Name						
F Free-form						
X Semi-structured (Code and Text)						
PID03	559	Agency Qualifier Code	X	ID	2/2	Optional
CodeList Summary (Total Codes: 176, Included: 1)						
Code Name						
VI Voluntary Inter-Industry Commerce Standard (VICS) EDI						
PID04	751	Product Description Code	X	AN	1/12	Optional

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		User Note 1: PID04 Code Breakdown Positions 1-2: GM=General Merchandise Positions 3-4: 04=Format/Option Code Positions 5-8: COMP=Regulatory Compliance Positions 9-10: FE=CARB or TS=TSCA				
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 OH qualifier will represent the Quebec Canada QST tax.
 The VA qualifier will represent the Mexico IVA (VAT Tax).
 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.

Example:

*TXI*CG*3.90\
 TXI*OH*7.34\
 TXI*PG*5.20\
 TXI*VA*8.35\
 TXI*ZZ*9.10\
 *

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
CodeList Summary (Total Codes: 74, Included: 5)						
Code Name						
CG Federal Value-added Tax (GST) on Goods						
OH Other Taxes						
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 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.

Additional Information:
 SAC02=H850 conveys Excise Tax for Hawaii and Alaska only.

SAC02=G090 conveys California Carpet Stewardship Assessment Fees.

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
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CodeList Summary (Total Codes: 1053, Included: 16)

Code Name

- A260 Advertising Allowance
- A720 Broken Package Charge
- B940 Cutting Charge
- C000 Defective Allowance
- C680 Environmental Protection Service
- D240 Freight
- D270 Fuel Surcharge
- D500 Handling
- D530 Hazardous Cargo Charge
- E740 New Store Allowance
- F180 Pallet
- G090 Recovery Fee

Code Name

G470 Restocking Charge
 G870 Shrink-Wrap Charge
 H000 Special Allowance
 H850 Tax

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

User Note 1: Amount of allowance or charge.

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

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